RECEIVED
JUN 08 2015
DIVISION OF WATER QUALITY

ATTACHMENT E – NOTICE OF INTENT

ORDER WQ 2014-0174-DWQ
GENERAL PERMIT NO. CAG990002

STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO WATERS OF THE UNITED STATES

I. NOTICE OF INTENT STATUS *(See Instructions)*

MARK ONLY ONE ITEM	1.☐ New Discharger 2.■ Existing Discharger WDID # 4000U000100 3.☐ Change of Information: WDID # _____ 4.☐ Change of ownership or responsibility: WDID# _____

II. OWNER/OPERATOR (If additional owners/operators are involved, provide the information in a supplemental page.)

A. Name Los Angeles County Metropolitan Transportation Authority			Owner/Operator Type (Check One) 1.☐ City 2.■ County 3.☐ State 4.☐ Gov. Combo 5.☐ Private
B. Mailing Address One Gateway Plaza, MS 99-17-2			
C. City Los Angeles	D. County Los Angeles	E. State CA	F. Zip Code 90012
G. Contact Person Emmanuel Liban	H. Title Deputy Executive Officer, Environment	I. Phone 213-922-2471	
J. Email Address libane@metro.net			

☐ **Additional Owners** _____

III. BILLING ADDRESS (Enter information only if different from II. above)

Send to: ☐ **Owner/Operator** ☐ **Other**	A. Name	B. Title	
	C. Mailing Address		
D. City	E. County	F. State	G. Zip Code

IV. RECEIVING WATER INFORMATION

A. Attach a project map(s) that shows (1) the service area within the a specific Regional Water Board boundary and maps of(2) the corresponding major surface water(s) bodies and watersheds to which utility vault or underground structure water may be discharged. Map features must also include ASBS boundaries, MS4 discharge points to the ASBS, and major roadways.

See attached.

B. Regional Water Quality Control Board(s) where discharge sites are located
List the Water Board Regions where discharge of wastewater is proposed, i.e. Region(s) 1, 2, 3, 4, 5, 6, 7, 8, or 9:

Region 4

V. LAND DISPOSAL/RECLAMATION

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible for all sites? ☐ **Yes** ■ **No**

Is land disposal/reclamation applicable to a portion of the total number of sites? ☐ **Yes** ■ **No**

If **Yes** to one or both questions, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If **No** to either or both questions, explain:

VI. VERIFICATION

Have you contacted the appropriate Regional Water Board or verified in accordance with the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board? ■ **Yes** ☐ **No**

VII. TYPE OF UTILITY VAULT OR UNDERGROUND STRUCTURE (Check All That Apply)

■ **Electric** ☐ **Natural Gas** ☐ **Telecommunications** ☐ **Other:** _____

VIII. POLLUTION PREVENTION PLAN CONTACT INFORMATION

Each Discharger is required to provide a copy of their PLAN with their completed NOI. The PLAN requirements are provided in Section VII.C.3 of the Order. In the space below, provide the contact information for the person responsible for the development of the PLAN.

A. Company Name	B. Contact Person		
Los Angeles County Metropolitan Transportation Authority	Erika Wilder		
C. Street Address Where PLAN is Located	D. Title of Contact Person		
One Gateway Plaza, MS 99-17-2	Senior Environmental Specialist		
E. City	F. County	G. State	H. Zip Code
Los Angeles	Los Angeles	CA	90012
I. Phone	J. Email Address		
213-922-7305	wilderer@metro.net		

IX. DESCRIPTION OF DISCHARGE(S)

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed.

The discharge is from water that collects in electrical substructures that serve Metro's at-grade rail lines. Potential pollutants include suspended solids, oil, and grease carried by stormwater/irrigation water runoff infiltrating the structure.

X. REMINDERS

A. Have you included service territory/watershed map(s) with this submittal? Separate maps must be submitted for each Regional Water Board where a proposed discharge will occur.	☒ Yes	☐ No	
B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal?	☐ Yes	☐ No	☒ N/A
C. Have you included your PLAN?	☒ Yes	☐ No	

XI. CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment."

A. Printed Name: Emmanuel Liban

B. Signature: _____ C. Date: 06/05/15

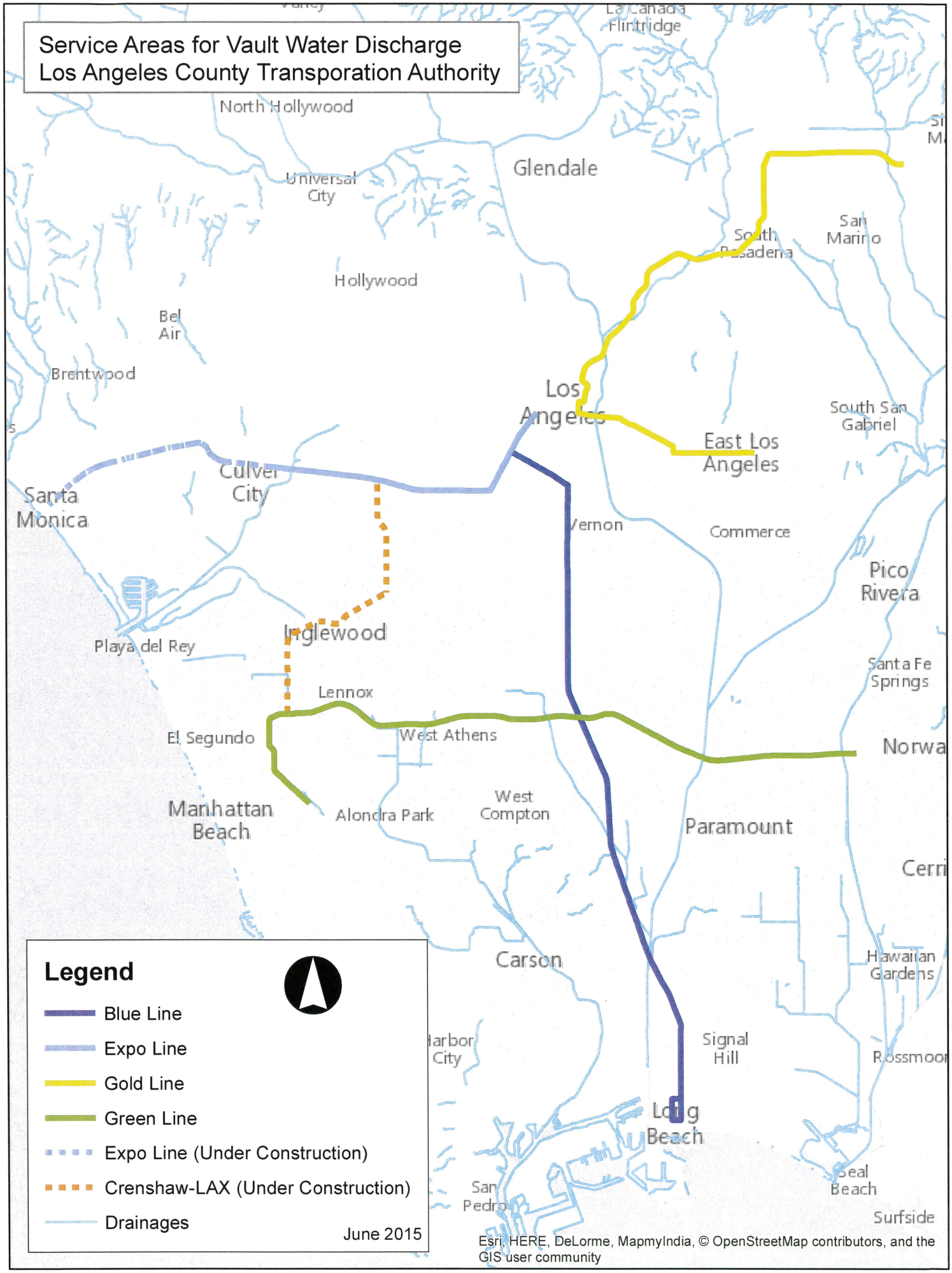
D. Title: Deputy Executive Officer, Environment

PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN, AND MAP
TO THE FOLLOWING ADDRESS:

UTILITY VAULTS NOI
NPDES UNIT
DIVISION OF WATER QUALITY
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 100
SACRAMENTO, CA 95812-0100

STATE USE ONLY

WDID:	Regional Board Office	Date NOI Received:	Date NOI Processed:
Case Handler's Initial:	Fee Amount Received: $	Check #:	


Service Areas for Vault Water Discharge
Los Angeles County Transporation Authority
North Hollywood
Universal City
Glendale
Hollywood
Bel Air
Brentwood
Los Angeles
East Los Angeles
South San Gabriel
San Marino
Culver City
Santa Monica
Vernon
Commerce
Pico Rivera
Inglewood
Playa del Rey
Lennox
El Segundo
West Athens
Santa Fe Springs
Manhattan Beach
Alondra Park
West Compton
Paramount
Carson
Harbor City
Signal Hill
Hawaiian Gardens
Long Beach
San Pedro
Seal Beach
Surfside
Legend
Blue Line
Expo Line
Gold Line
Green Line
Expo Line (Under Construction)
Crenshaw-LAX (Under Construction)
Drainages
June 2015
Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

Los Angeles County Metropolitan Transportation Authority

Pollution Prevention Plan for Vault Water Discharges

WDID# 4000U000100

Compliance Plan for California State Water Resources Control Board General National Pollutant Discharge Elimination System Permit for Discharges from Utility Vaults and Underground Structures to Waters of the United States

Order 2014-0174-DWQ

General Permit No. CAG990002

Regional Water Quality Control Board, Los Angeles

June 2015

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature	06/05/15
	Date
Emmanuel CB Liban	DEO, Environment
Printed Name	Title

Table of Contents

Appendices

1.0 Introduction

This Plan describes the approach of Los Angeles County Metropolitan Transportation Authority (Metro) will take for compliance with the requirements of SWRCB Order No. 2014-0174-DWQ. This Plan includes procedures for evaluating potential pollutant sources and conditions at a vault or underground structure (and the discharge path to the nearest storm drain or surface water) and prescribes the appropriate measures that will be implemented to prevent or control the discharge of pollutants.

Metro currently operates four light rail lines at grade that utilize electrical power conveyed through underground conduits and vaults and overhead catenary lines. These rail lines are shown on the figure attached to the NOI. None of these lines discharge to an Area of Special Biological Significance (ASBS).

2.0 Pollution Prevention

2.1 Pollution Prevention Team

The individuals listed below serve as members of the Pollution Prevention Team, and will be responsible for assisting in implementation of this Plan, conducting annual evaluations, and revisions to the Plan.

Program Owner: Emmanuel Liban, Deputy Executive Officer

Program Manager: Erika Wilder, Senior Environmental Specialist, for Plan management, updates, training, and annual compliance sampling

Copies of this Plan will be kept at the following locations:

- Environmental Compliance at One Gateway Plaza (official recordkeeping location)
- Wayside Systems at Location 61, 284 South Santa Fe Ave, Los Angeles (Management Location)
- Traction Power Maintenance at Vernon Yards, 4462 Pacific Boulevard, Vernon (Staff Location)

2.2 Identification of Potential Pollutant Source

Electrical vaults are generally not a source of water. Water may collect in vaults due to infiltration of storm water runoff, irrigation runoff, and/or groundwater. Due to these differing water sources, a variety of pollutants could potentially be found in the water. Examples are listed below.

Suspended Solids

Dirt, mud, debris, typically from stormwater runoff or over irrigation

Motor vehicle fluids such as motor oil, gasoline, diesel

Runoff from roads, carried by storm water

Lubricants, oils, rust, paints

Sources may include surface pollutants from industrial uses, but may also originate from equipment installed in vaults

Sewage and illegal dumping intrusion

Sources may include failed piping in sewage systems or sewage spills, or illegal dumping

2.3 Pollution Control Measures

Metro has developed BMPs appropriate for vault water discharge operations to reduce or eliminate potential pollutants described above. BMPs include:

- Maintain areas surrounding the utility vault and underground structure so that they are kept clean and orderly prior to dewatering activities so as to minimize the presence of pollutants in discharges.
- Prior to dewatering a utility vault or underground structure, when feasible and safe, clear sediment and debris from the areas between the vault and the storm drain catchbasin.
- Use an absorbent material (e.g., absorbent pads, rags) on the water surface or utility vault or underground structure water surface prior to dewatering and discharge when an oil sheen has been observed.

To minimize the introduction of pollutants and protect receiving water quality, the following provisions and procedures will be implemented during the discharge from utility vaults. Best practices used to control erosion and minimize the discharge of sediment include, but are not limited to, the following:

- When feasible and safe, sweep/clear the area surrounding the discharge point to prevent washing sediment and debris into storm drains
- If discharging to unpaved surfaces, use erosion control materials to reduce erosion
- Use a filter sock or bag to reduce oil and sediment discharge

2.4 Procedures for Discharges from Utility Vaults and Underground Structures and Use of Best Management Practices

Metro has developed a series of processes for personnel assessing water quality and pumping vaults prior to discharge. This process allows trained personnel to make a preliminary determination of the quality of water to be disposed, and indicate which pollution control measures should be used when discharging the water. The procedures include visual inspection for evidence of, or the potential for, pollutants to be present in the discharge. This process is included as Appendix A. Key concepts are as follows:

- Preparing the Site
- Visual Determination of Water
- Removing Oil and Water from Underground Structures
- If a Vacuum Tanker Is Required

During evacuation of vaults during emergency situations, the same procedures will be followed. Any deviation from the procedures during emergency situations will be documented in the Annual Report.

3.0 Employee Training

Metro has developed a training program to ensure that all personnel responsible for implementing the procedures and BMPs identified in the Plan are properly trained. The training addresses topics such as:

- Good housekeeping
- Pollution control procedures
- Material management practices
- Evaluation of the quality of the water prior to a non-emergency discharge from a utility vault or underground structure
- Dewatering procedures
- Environmental contact information
- Spill response
- Discussion of number of vaults evacuated since the last training and any issues

Training of staff will take place twice yearly between 2015 to 2017, and then annually 2018 to the expiration of General Permit No. CAG990002, unless an Annual Plan Evaluation finds additional training is needed.

4.0 Annual Plan Evaluation and Revision

Metro will conduct an overall evaluation of the effectiveness of this Plan, training, and BMPs to control discharge of pollutants during a discharge event, and revise or replace this Plan as necessary to address procedures and BMPs found to not be effective in minimizing the discharge of pollutants.

The evaluation will use results of the annual monitoring at the five representative sites to compare against Numeric Action Levels (NALs) listed in Table 1 below. If a parameter is exceeded, Metro will evaluate the potential cause(s) of the NAL exceedance(s). This evaluation will include an assessment of potential source(s) of the pollutant and whether the procedures and BMPs contained in the Plan need to be revised to address the identified source(s) in future discharges. Additional NALs may be added in the future based on the results of the Discharge Characterization Study.

Table 1. Numeric Action Levels for Pollutants of Concern

Parameter	Units	Numeric Action Levels	Max
Oil and Grease	mg/L	---	25
pH	Standard Units	6.0	9.0
Total Petroleum Hydrocarbons-Diesel Range Organics	mg/L	---	2
Total Petroleum Hydrocarbons-Gasoline Range Organics	µg/L	---	5
Total Suspended Solids	mg/L	---	400

If Plan revisions are necessary, Metro will revise the Plan and implement revised/additional BMPs, and document the progress of their implementation and effectiveness in the Annual Report. If the Annual

Plan Evaluation determines the cause(s) of an NAL exceedance was beyond Metro's control and not a result of inadequate Plan implementation, procedures, or BMPs, then revisions to the Plan are not required. If this is the case, Metro will provide explanation detailing when this situation occurs in the Annual Report. Metro will provide the results of the Annual Plan Evaluation and any revisions to the Plan in the Annual Report.

5.0 Other Special Provisions

Metro will dispose of solids removed from liquid wastes in accordance with applicable federal, state and local laws, regulations, and ordinances.

If Metro determines that its utility vault or underground structure is causing or contributing to vector problems, it will coordinate with a vector control agency to address the problem.

If Metro is required to submit a Self Monitoring Report (SMR) and monitors any pollutant more frequently than required by 2014-0174-DWQ, the results of this monitoring will be included in the calculation and reporting of the data submitted in the SMR or sludge reporting form specified by the State Water Board.

6.0 Annual Reports

Metro will submit an Annual Report (for the period from May 1 through April 30) no later than June 1st of each year. Annual Reports will be addressed to the Regional Water Board Executive Officer and contain, at a minimum, the following information:

1. An executive summary that includes a discussion of compliance and/or violation(s) of 2014-0174-DWQ and an evaluation of the Plan
2. A summary of monitoring data generated
3. A summary of relevant field observations
4. A map showing the location of each annual sampling discharge location
5. A list of all annual sampling discharge locations with location information (i.e., City/County and street address and/or latitude/longitude), the date when each discharge was sampled, and the estimated volume of utility vault water discharged
6. A description of the sample collection, sample analysis, and quality control procedures
7. Tabulated sampling results indicating the monitored discharge location, collection date, name of constituent/parameter and its concentration detected, minimum detection levels and method detection limits for each constituent analysis, and a comparison with numeric action levels
8. An estimate of the volume of each discharge from a utility vault or underground structure in gallons, and include methods and assumptions used to calculate the estimate

The cover letter to the Annual Report will report violations of the permit, exceedances of the NALs, discuss corrective actions taken or planned, and provide a time schedule for corrective actions, if necessary.

7.0 General Monitoring Requirements

Metro will identify at least five representative utility vaults or underground structures per year for the annual routine pollutant monitoring. If there are less than five discharges in a given year, every effort will be made to sample each discharge event.

Depending on where vault water typically accumulates, Metro will select vaults within a range of surrounding land use types (industrial, commercial, and residential areas) to represent a cross section of typical vault discharges. Samples will be collected at the point of discharge from the utility vault following the implementation vault dewatering procedures and applying BMPs. Samples and measurements will be representative of the volume and nature of the monitored discharge.

Table 2. Annual Discharge Monitoring Requirements

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method
Total Petroleum Hydrocarbons - Diesel Range Organics	µg/L	Grab	1/Year	Per 40 CFR part 136
Total Petroleum Hydrocarbons - Gasoline Range Organics	µg/L	Grab	1/Year	Per 40 CFR part 136
Oil and Grease	mg/L	Grab	1/Year	Per 40 CFR part 136
pH	Standard Units	Grab	1/Year	Per 40 CFR part 136
Total Suspended Solids	mg/L	Grab	1/Year	Per 40 CFR part 136

If Metro monitors any pollutant more frequently than required by this Order using test procedures approved under 40 CFR part 136, or as specified in this Order or by the State Water Board or Regional Water Boards, the results of the monitoring will be included in Metro's Annual Report.

7.1 Sampling

7.1.1 Sample Collection Procedures

Samples will be collected, maintained and shipped in accordance with the requirements in the following sections. To maintain sample integrity and prevent cross-contamination, sample collection personnel will follow the protocols below.

- Collect samples for laboratory analysis only in analytical laboratory-provided sample containers
- Wear clean, powder-free nitrile gloves when collecting samples
- Change gloves whenever something not known to be clean has been touched
- Dispose of gloves after filling bottles at a given location

All sampling equipment to be re-used will be washed with a phosphate-free soap, and rinsed with distilled water. If the equipment is not re-used right away, it will be wrapped in foil. The wash and rinse water will be collected and disposed of in the sanitary sewer.

Other sampling protocols to be followed:

- Any laboratory provided sample container will be discarded if exposed to a contaminant
- Smoking will not take place during sampling
- All non-necessary vehicle engines will be shut off during sampling
- No eating or drinking during sampling
- Prior to the collection of the first sample of the day, the pH meter will be calibrated using manufacturer's instructions, using 3-point calibration solutions no older than one year

For pumped samples, all necessary BMPs will be in place, and the pumped water will be collected in a stainless steel bucket, and the laboratory supplied bottles will be filled using a stainless steel cup (sized to fill the largest sample bottle without re-dipping). Sample bottles will be filled in the following order:

- Volatiles
- Semivolatiles (including O&G, pesticides and dioxins)
- Metals
- Suspended Solids
- Any other analyses
- Extra volume collected for a field pH measurement

Extra care will be taken to avoid overfilling any bottles containing preservative.

7.1.2 Sample Handling

- As sample bottles are filled, the bottle will be properly labelled and clear tape will cover the label
- If necessary, bubble wrapped bags will be used to protect bottles from breakage during transit
- Sample containers will be placed into an ice chilled cooler
- Sampling Forms will be filled out completely
- The sample will be recorded on the Chain of Custody (COC)
- The COC will be kept in a plastic bag in the cooler with the samples, and the sampler will stay with the cooler until relinquishing to laboratory staff or courier

All samples for laboratory analysis must be maintained between 0 and 6 degrees Celsius during delivery to the laboratory. Samples must be kept on ice, or refrigerated, from sample collection through delivery to the laboratory. If the samples are shipped to a laboratory, custody seals will be placed on the cooler.

7.1.3 Sample Documentation Procedures

All original data documented on sample bottle identification labels, Sampling Form, and COCs will be recorded using waterproof ink. If an error is made on a document, sampling personnel will make corrections by drawing a line through the error, initialing and dating, and entering the correct information. The erroneous information will not be obliterated.

Sample documentation procedures include the following:

- Sample Bottle Identification Labels: Sampling personnel will attach an identification label to each sample bottle. Sample identification will uniquely identify each sample location.
- Field Sampling Form: Sampling personnel will complete the Sampling Form for each sampling location, as appropriate.
- Chain of Custody: Sampling personnel will complete the COC for each sampling event for which samples are collected for laboratory analysis. The sampler will sign the COC when the samples are turned over to laboratory staff or courier.

7.1.4 Quality Assurance and Quality Control

A Quality Assurance and Quality Control (QA/QC) plan will be implemented to ensure that analytical data can be used with confidence. QA/QC procedures to be initiated include the following:

- Field forms
- Clean sampling techniques
- COCs
- Collection of QA/QC Samples

Field Forms

The purpose of field forms is to record sampling information and field observations during monitoring that may explain any uncharacteristic analytical results. Sampling information to be included in the field log include the date and time of water quality sample collection, sampling personnel, sample identification, and types of samples that were collected. Field observations should be noted in the field log for any abnormalities at the sampling location (color, odor, BMPs, etc.). Field measurements for pH should also be recorded in the field log.

Clean Sampling Techniques

Clean sampling techniques involve the use of certified clean containers for sample collection and clean powder-free nitrile gloves during sample collection and handling. Adoption of a clean sampling approach will minimize the chance of field contamination and questionable data results.

Chain of Custody

The sample COC is an important documentation step that tracks samples from collection through analysis to ensure the validity of the sample. Sample COC procedures include the following:

- Proper labeling of samples
- Use of COC forms for all samples
- Prompt sample delivery to the analytical laboratory

QA/QC Samples

QA/QC samples provide an indication of the accuracy and precision of the sample collection; sample handling; field measurements; and analytical laboratory methods. The following types of QA/QC will be conducted for this project:

- Field Duplicates at a frequency of 10 percent, or one every 10 samples
- Equipment Blanks will be collected at the discretion of the lead sampler
- Field Blanks will be collected at the discretion of the lead sampler
- Trip Blanks will be collected at the discretion of the lead sampler

7.2 Discharge Characterization Study

In addition to the Annual Sampling that will take place, Metro will collect samples for a Discharge Characterization Study consistent with the requirements contained in Attachment G of the Utility Vault General Permit.

The Discharge Characterization Study will report the following:

- Rationale for the selection of each of five vaults to be studied. Type of underground structure, type of receiving water, and type of land use will be factored in
- Sample selected vaults during the 2015 - 2016 Rainy Season
- Sample selected vaults again during the 2016 - 2017 or 2017 - 2018 Rainy Season
- The final report for the Discharge Characterization Study will be submitted no later than December 31, 2019

Samples will be analyzed for the following:

- VOCs
- SVOCs
- Metals (Method 6020)
- Arsenic (Method 1632)
- Cadmium and Lead (Method 1638)
- Mercury (Method 1669)
- Hexavalent chromium (Method 7199)
- Pesticides
- PCBs
- Dioxins
- Cyanide
- Asbestos
- Hardness as $CaCO_3$
- pH

The same sampling procedures used for the Annual Sampling will also be used for the Discharge Characterization Study. The final report will include a comparison of sampling results against the criteria listed in Attachment G of the Vault Water Discharge General Permit.

8.0 Recordkeeping

Metro will retain records of the following records of compliance information for a period of five years:

1. The date, place, and time of site inspections, sampling, visual observation, and/or measurement
2. The individual(s) who performed the site inspections, sampling, visual observations, and/or measurements
3. The size and/or volume of vault
4. Flow measurements (if required) and duration of discharge
5. The estimated volume discharged
6. The date and time of the sample analyses and calibration of field instruments
7. The name and contact information for the laboratory, utility staff, or wholesaler who performed the analyses
8. The analytical results of the sample analyses
9. Annual Reports

These records will be kept with Environmental Compliance at One Gateway Plaza, Los Angeles.

Appendix A

Vault Water Handling Process
Los Angeles County Metropolitan Transportation Authority
May 11, 2015

Preparing the Site

1. If debris is present, the area between the vault and the receiving storm drain catch basin is swept.
2. The vault cover is opened.

Visual Determination of Water

1. Upon discovery of water in the vault, a clear bailer is used to take a water sample from the vault. The sample will show the solids and layers of liquid in the vault.
2. A fiber rope is tied to the top of the bailer, and the bailer is lowered into the vault. Fluid enters the bottom of the bailer. The bailer is filled one-half to three-quarters full and raised to the surface.
3. The water in the bailer is compared to photos of samples (below) to determine handling procedures.
4. If the water is consistent with the first three photos, water can be pumped directly into the storm drain as indicated.
5. If there is oil floating on the top of the water, the section below is used for instruction.

Removing Oil and Water from Underground Structures

1. If there is an oily sheen upon opening the vault, it is an indication there may be contamination in the structure.
2. If there are only small amounts of oil on the surface, use absorbent pads or material to skim the oil from the top of the water prior to pumping.

If the water emits an unusual odor, or is colored or unusually cloudy, or oil cannot be removed with absorbent pads, DO NOT pump the water into the street or storm drain. Pump the water into 55-gallon drums or call an Environmental Specialist for a vacuum truck.

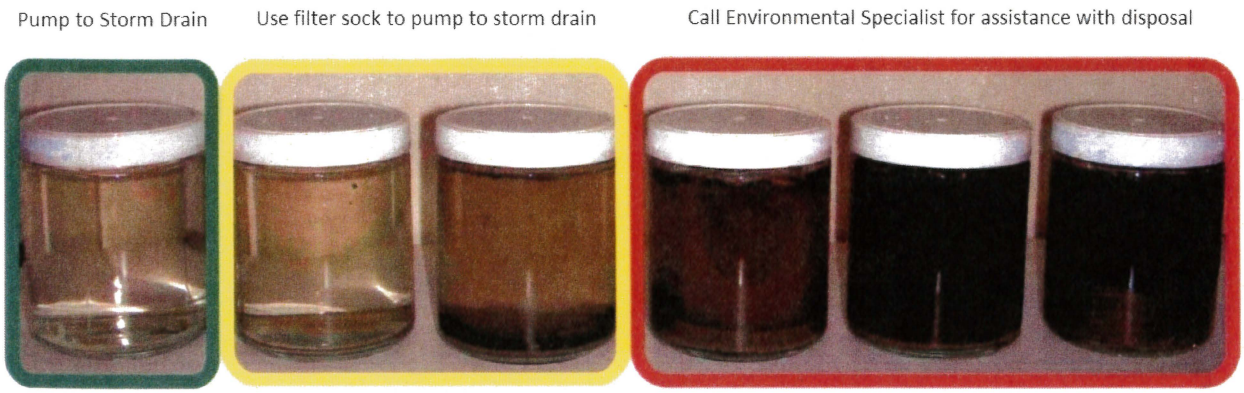
Visual Determination of Contamination

- Once a determination of the oily water is made, an evaluation of other contaminants must be made, such as for sewage, solids, vegetation, sediment, biological wastes, solvents, grease, chemicals or gasoline. If so, the Environmental Specialist is called to assist with bringing on a contractor to evacuate the vault.

If a Vacuum Truck Is Required

To obtain a vacuum truck:

- During Normal Work Hours (7 a.m. - 3:30 p.m.) - the Environmental Specialist for that area is contacted.
- During After Hours - The Metro Operator is called and the on-call Environmental Specialist is requested.



Appendix B

SAMPLING FORM

VAULT WATER DISCHARGE

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

Names of Samplers	
Vault ID (if available)	Sample ID
Approximate Dimensions of Vault	Sample Date
Vault Location (or GPS coordinates) and Surrounding Land Use	Sample Time
Was there a 3-point calibration of the pH meter within 12 hours? ☐ Yes ☐ No pH Reading of water:	
Was the sample collected by same pump used to discharge water? ☐ Yes ☐ No	
If no, please provide a brief description of the sampling conditions.	
If pumped, approximately how long was water discharging from the vault?	
Estimate the volume of discharge.	
List of Analytes	
Other Notes:	