



# City of Palo Alto



## Stormwater Management Annual Report 2014 - 2015



Santa Clara Valley  
Urban Runoff  
Pollution Prevention Program



Cover Photos:

Top: Watershed Protection staff cleaning trash from boom at Adobe Creek, east of Highway 101

Middle: Graphic used on poster showing biggest categories of trash collected from creeks in Palo Alto (cigarette butts, polystyrene pieces and chunks and tennis balls)

Bottom: Watershed Protection staff hosting a table at Baylands family event, using the Wheel-o-Trash game



**PUBLIC WORKS**

P.O. Box 10250  
Palo Alto, CA 94303  
650.329.2151

September 15, 2015

Mr. Bruce H. Wolfe  
Executive Officer  
San Francisco Bay Regional Water Quality Control Board  
1515 Clay Street, Suite 1400  
Oakland, CA 94612

Subject: **City of Palo Alto**  
FY 2014-2015 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the City of Palo Alto pursuant to Permit Provision C.16.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2009-0074, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of activities conducted during FY 2014-2015 and consists of the following:

- A. Certification Statement
- B. Annual Report Form
  - Table of Contents
  - Completed Annual Report Form: Sections 1-15
- C. Appendix
  - Table of Contents
  - Appendices

Please contact Kirsten Struve at 650-329-2421 regarding any questions or concerns.

Very truly yours,

Joe Teresi  
Senior Engineer  
Public Works Engineering Services

Attachments

|     |                |                 |                |                 |
|-----|----------------|-----------------|----------------|-----------------|
| cc: | Mike Sartor    | Jon Hospitalier | Chris Fujimoto | John Reinert    |
|     | Phil Bobel     | Karin North     | Julie Weiss    | Jon Abendschein |
|     | Brad Eggleston | Kirsten Struve  | Steve Banks    |                 |



[CityOfPaloAlto.org](http://CityOfPaloAlto.org)

**CITY OF PALO ALTO  
FY 2014-2015 ANNUAL REPORT**

**Certification Statement**

"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 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 and imprisonment for knowing violations."

**Signature by Duly Authorized Representative:**

Joe Teresi 8/17/2015

Joe Teresi  
Senior Engineer

Date

ATTACHMENT B

Table of Contents

| Section   | Page |
|---|------|
| Section 1 – Permittee Information.....  | 1-1  |
| Section 2 – Provision C.2 Municipal Operations.....                             | 2-1  |
| Section 3 – Provision C.3 New Development and Redevelopment.....                | 3-1  |
| Section 4 – Provision C.4 Industrial and Commercial Site Controls.....          | 4-1  |
| Section 5 – Provision C.5 Illicit Discharge Detection and Elimination.....      | 5-1  |
| Section 6 – Provision C.6 Construction Site Controls.....                       | 6-1  |
| Section 7 – Provision C.7 Public Information and Outreach.....                  | 7-1  |
| Section 8 – Provision C.8 Water Quality Monitoring.....                         | 8-1  |
| Section 9 – Provision C.9 Pesticides Toxicity Controls.....                     | 9-1  |
| Section 10 – Provision C.10 Trash Load Reduction.....                           | 10-1 |
| Section 11 – Provision C.11 Mercury Controls.....                               | 11-1 |
| Section 12 – Provision C.12 PCBs Controls.....                                  | 12-1 |
| Section 13 – Provision C.13 Copper Controls.....                                | 13-1 |
| Section 14 – Provision C.14 PBDE, Legacy Pesticides and Selenium Controls.....  | 14-1 |
| Section 15 – Provision C.15 Exempted and Conditionally Exempted Discharges..... | 15-1 |

Section 1 – Permittee Information

| Background Information  |  |             |   |         |             |
|---|--|-------------|---|---------|-------------|
| Permittee Name:   | City of Palo Alto  |             |   |         |             |
| Population:   | 66,642   |             |   |         |             |
| NPDES Permit No.:   | CAS612008  |             |   |         |             |
| Order Number:   | R2-2009-0074R  |             |   |         |             |
| Reporting Time Period (month/year):   | July 2014 through June 2015                                  |             |   |         |             |
| Name of the Responsible Authority:  | Joe Teresi   | Title:      | Senior Engineer                         |         |             |
| Mailing Address:  | Public Works Engineering Services/ 250 Hamilton Avenue       |             |   |         |             |
| City:   | Palo Alto  | Zip Code:   | 94301                                   | County: | Santa Clara |
| Telephone Number:   | (650) 329-2129   | Fax Number: | (650) 329-2299                          |         |             |
| E-mail Address:   | Joe.teresi@cityofpaloalto.org                                |             |   |         |             |
| Name of the Designated Stormwater Management Program Contact (if different from above): | Kirsten Struve   | Title:      | Manager, Environmental Control Programs |         |             |
| Department:   | Public Works – Environmental Services – Watershed Protection |             |   |         |             |
| Mailing Address:  | 2501 Embarcadero Way   |             |   |         |             |
| City:   | Palo Alto  | Zip Code:   | 94303                                   | County: | Santa Clara |
| Telephone Number:   | (650) 329-2421   | Fax Number: | (650) 494-3531                          |         |             |
| E-mail Address:   | Kirsten.struve@cityofpaloalto.org                            |             |   |         |             |

Section 2 - Provision C.2 Reporting Municipal Operations

**Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Summary:

City of Palo Alto staff participates in SCVURPPP's Municipal Operations Ad Hoc Task Group. In-house staff in Public Works and Utilities receive training on stormwater best management practices. Parks and Public Works staff that maintain rural roads has attended regional training. Contracts include specifications to prevent stormwater pollution. Please refer to the C.2 Municipal Operations section of the Program's FY 14-15 Annual Report for a description of program and regional activities implemented.

**C.2.a. ► Street and Road Repair and Maintenance**

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

|                 |  |
|-----------------|--|
| Y               | Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater                                    |
| Y               | Control of concrete slurry and wastewater, asphalt, pavement cutting, and other street and road maintenance materials and wastewater from discharging to storm drains from work sites. |
| Y               | Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.  |
| Comments:<br>NA |  |

**C.2.b. ► Sidewalk/Plaza Maintenance and Pavement Washing**

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

|                 |   |
|-----------------|---|
| Y               | Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater |
| Y               | Implementation of the BASMAA Mobile Surface Cleaner Program BMPs  |
| Comments:<br>NA |   |

**C.2.c. ► Bridge and Structure Maintenance and Graffiti Removal**

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

|  |  |
|--|--|
| NA   | Control of discharges from bridge and structural maintenance activities directly over water or into storm drains   |
| Y  | Control of discharges from graffiti removal activities   |
| Y  | Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities   |
| Y  | Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal  |
| Y  | Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.              |
| Y  | Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities. |
| Comments:<br>During this reporting period, we had no special projects in regards to bridge and structure maintenance. Graffiti removal on bridges and structures continues to be done by in-house by staff who are trained on proper cleanup and disposal of wastes. |  |

| C.2.d. ► Stormwater Pump Stations   |   |                                       |  |   |   |  |
|---|---|---------------------------------------|--|---|---|--|
| Does your municipality own stormwater pump stations:  |   |                                       |  | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No             |  |
| If your answer is <b>No</b> then skip to C.2.e.   |   |                                       |  |   |   |  |
| Complete the following table for dry weather DO monitoring and inspection data for pump stations <sup>1</sup> (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt. |   |                                       |  |   |   |  |
| Pump Station Name and Location  | First inspection<br>Dry Weather DO Data |                                       | Second inspection<br>Dry Weather DO Data |   |   |  |
|   | Date                                    | mg/L                                  | Date                                     | mg/L                                    |   |  |
| Adobe Creek Pump Station – 1193 East Meadow Drive   | 8/14/2014                               | 8.0                                   | 6/30/2015                                | 6.6                                     |   |  |
| Matadero Creek Pump Station – 1082 Colorado Avenue  | 8/14/2014                               | 7.6                                   | 6/30/2015                                | 5.6                                     |   |  |
| Colorado Pump Station – 2999 West Bayshore Road   | 8/14/2014                               | 7.0                                   | 6/30/2015                                | 3.7                                     |   |  |
| Palo Alto Airport Pump Station – 1902 Embarcadero Road  | 8/14/2014                               | 4.2                                   | 6/30/2015                                | 5.96                                    |   |  |
| San Francisquito Creek Pump Station – 2027 East Bayshore Road   | 8/14/2014                               | 9.0                                   | 6/30/2015                                | 5.19                                    |   |  |
| Alma / University Pump Station - Mitchell Lane / University Avenue  | 8/14/2014                               | 6.5                                   | 6/30/2015                                | 3.51                                    |   |  |
| Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions: N/A  |   |                                       |  |   |   |  |
| Summary: Monitoring confirms that pump stations are discharging water with sufficient dissolved oxygen levels.  |   |                                       |  |   |   |  |
| Attachments: NA   |   |                                       |  |   |   |  |
| Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):  |   |                                       |  |   |   |  |
| Pump Station Name and Location  | Date<br>(2x/year required)              | Presence of<br>Trash<br>(Cubic Yards) | Presence of<br>Odor<br>(Yes or No)       | Presence of<br>Color<br>(Yes or No)     | Presence of<br>Turbidity<br>(Yes or No) | Presence of<br>Floating<br>Hydrocarbons<br>(Yes or No) |
| Adobe Creek Pump Station – 1193 East Meadow Drive   | 12/1/2014                               | L (0.25)                              | No                                       | No                                      | No                                      | No   |
| Adobe Creek Pump Station – 1193 East Meadow Drive   | 2/10/2015                               | L (0.25)                              | No                                       | No                                      | No                                      | No   |
| Matadero Creek Pump Station – 1082 Colorado Avenue  | 12/1/2014                               | M (0.75)                              | No                                       | Yes                                     | No                                      | No   |

<sup>1</sup> DO monitoring is exempted where all discharge from a pump station remains in a stormwater collection system or infiltrates into a dry creek immediately downstream.

**FY 2014-2015 Annual Report**  
**Permittee Name: City of Palo Alto**

**C.2 – Municipal Operations**

|  |           |          |    |     |     |    |
|--|-----------|----------|----|-----|-----|----|
| Matadero Creek Pump Station – 1082 Colorado Avenue                 | 2/10/2015 | L (0.25) | No | Yes | Yes | No |
| Colorado Pump Station – 2999 West Bayshore Road                    | 12/1/2014 | ND (0)   | No | No  | No  | No |
| Colorado Pump Station – 2999 West Bayshore Road                    | 2/10/2015 | ND (0)   | No | No  | No  | No |
| Palo Alto Airport Pump Station – 1902 Embarcadero Road             | 12/1/2014 | L (0.25) | No | Yes | Yes | No |
| Palo Alto Airport Pump Station – 1902 Embarcadero Road             | 2/10/2015 | L (0.25) | No | Yes | Yes | No |
| San Francisquito Creek Pump Station – 2027 East Bayshore Road      | 12/1/2014 | L (0.25) | No | Yes | Yes | No |
| San Francisquito Creek Pump Station – 2027 East Bayshore Road      | 2/10/2015 | L (0.25) | No | Yes | Yes | No |
| Alma / University Pump Station - Mitchell Lane / University Avenue | 12/1/2014 | L (0.25) | No | Yes | Yes | No |
| Alma / University Pump Station - Mitchell Lane / University Avenue | 2/10/2015 | L (0.25) | No | Yes | Yes | No |

| C.2.e. ► Rural Public Works Construction and Maintenance   |  |
|--|--|
| Does your municipality own/maintain rural <sup>2</sup> roads:  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |
| If your answer is <b>No</b> then skip to C.2.f.  |  |
| Place a <b>Y</b> in the boxes next to activities where applicable BMPs were implemented. If not applicable, type <b>NA</b> in the box and provide an explanation in the comments section below. Place an <b>N</b> in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken. |  |
| Y  | Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas   |
| Y  | Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources                                     |
| Y  | No impact to creek functions including migratory fish passage during construction of roads and culverts  |
| Y  | Inspection of rural roads for structural integrity and prevention of impact on water quality   |
| Y  | Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion                                 |
| NA   | Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate                      |
| Y  | Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings |
| Comments including listing increased maintenance in priority areas:<br>NA  |  |

<sup>2</sup> Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

| <b>C.2.f. ► Corporation Yard BMP Implementation</b>   |   |  |  |
|---|---|--|--|
| Place an <b>X</b> in the boxes below that apply to your corporations yard(s):   |   |  |  |
| <input type="checkbox"/>  | We do not have a corporation yard   |  |  |
| <input type="checkbox"/>  | Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit   |  |  |
| <input checked="" type="checkbox"/>   | We have a <b>Stormwater Pollution Prevention Plan (SWPPP)</b> for the Corporation Yard(s)   |  |  |
| Place an <b>X</b> in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type <b>NA</b> in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below: |   |  |  |
| <input checked="" type="checkbox"/>   | Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment  |  |  |
| <input checked="" type="checkbox"/>   | Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system  |  |  |
| <input checked="" type="checkbox"/>   | Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method   |  |  |
| <input checked="" type="checkbox"/>   | Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used |  |  |
| <input checked="" type="checkbox"/>   | Cover and/or berm outdoor storage areas containing waste pollutants   |  |  |
| Comments:<br>The SWPPP for the Palo Alto Municipal Service Center was updated during the reporting period and training was conducted.   |   |  |  |
| If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:  |   |  |  |
| Corporation Yard Name   | Inspection Date<br>(1x/year required)   | Inspection Findings/Results  | Follow-up Actions                          |
| City of Palo Alto Municipal Service Center  | 9/24/2014   | Outdoor storage of 5-gallon buckets of high performance cable lubricant. | Re-inspect to confirm appropriate storage. |
| City of Palo Alto Municipal Service Center  | 10/1/2015   | Materials moved inside of building.                                      | None                                       |
| MSC Garage  | 12/17/2014  | Uncovered tires  | Tires covered                              |
| MSC Garage  | 4/14/2015   | No violations  |  |
|   |   |  |  |

Section 3 - Provision C.3 Reporting New Development and Redevelopment

**C.3.b.v.(2)(a) ► Green Streets Status Report**  
 (All projects to be completed by December 1, 2014)

On an annual basis (if applicable), report on the status of any pilot green street projects within your jurisdiction. For each completed project, report the capital costs, operation and maintenance costs, legal and procedural arrangements in place to address operation and maintenance and its associated costs, and the sustainable landscape measures incorporated in the project including, if relevant, the score from the Bay-Friendly Landscape Scorecard.

Summary:  
 The C.3 New Development and Redevelopment section of the Program’s FY 14-15 Annual Report includes a description of program and regional activities.

The Green Street Pilot Project Summary Report submitted by BASMAA, on behalf of the MRP permittees, in BASMAA’s MRP FY 12-13 Regional Supplement – New Development and Redevelopment includes information on the green street project constructed in our jurisdiction, including capital costs, O&M costs, legal and procedural arrangements to address O&M and its associated costs, and sustainable landscape measures.

**C.3.b.v.(1) ► Regulated Projects Reporting**

Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information.  
 See table C.3.b.v.(1) below.

**C.3.e.v. ► Alternative or In-Lieu Compliance with Provision C.3.c.**

|  |                          |            |                                     |           |
|--|--------------------------|------------|-------------------------------------|-----------|
| <p><i>(For FY 11-12 Annual Report and each Annual Report thereafter)</i><br/>         Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?</p> | <input type="checkbox"/> | <b>Yes</b> | <input checked="" type="checkbox"/> | <b>No</b> |
| <p>Comments (optional): The alternative compliance option is available per the municipal code.</p>   |                          |            |                                     |           |

**C.3.e.vi ► Special Projects Reporting**

|  |   |     |   |    |
|--|---|-----|---|----|
| 1. Has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)? | x | Yes |   | No |
| 2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2015 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.   |   | Yes | x | No |
| If you answered "Yes" to either question,<br>1) Complete Table C.3.e.vi below.<br>2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.  |   |     |   |    |

**C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

|   |
|---|
| (1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information.  |
| (2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.   |
| Summary:<br>City staff inspected all stormwater systems this year, except those at single family residences that were originally part of larger development which implemented C.3 and which do not have an HOA. These few facilities will be inspected every other year. Storm water treatment devices at inspected facilities are generally performing well and are being adequately maintained by the facility owners.  |
| (3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).  |
| Summary: The City of Palo Alto storm water treatment systems O&M verification inspection program continues to be effective in inspections and associated fees per signed individual maintenance agreements. Effective February 1, 2011, revisions to the Palo Alto Municipal Code Section 16.11.030(f) (Storm Water Pollution Prevention) require permit applicants to retain an independent 3 <sup>rd</sup> party to visit the project site within 45 days following installation of the storm water treatment controls to verify that the controls have been installed in accordance with the approved plans. Public Works Engineering Services has contracted with Eisenberg, Olivieri, and Associates (EOA) to conduct a review of the Public Works land development review processes, including the inspection process, to ensure that it accomplishes the inspection of the required treatment measures in a complete, efficient, and effective manner in conformance with the requirements of the MRP.<br>Palo Alto currently inspects stormwater treatment systems or HM controls more frequently than required to ensure property managers are |

|  |   |     |  |    |  |   |
|--|---|-----|--|----|--|---|
| aware of the requirements.   |   |     |  |    |  |   |
| <b>(4)</b> During the reporting year, did your agency:   |   |     |  |    |  |   |
| • Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation?               | x | Yes |  | No |  | Not applicable. No new facilities were installed. |
| • Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls? <sup>1</sup> | x | Yes |  | No |  | Not applicable. No treatment measures             |
| • Inspect at least 20 percent of the total number of installed vault-based systems?                                      | x | Yes |  | No |  | Not applicable. No vault systems.                 |
| If you answered “No” to any of the questions above, please explain:  |   |     |  |    |  |   |

**C.3.i. ► Required Site Design Measures for Small Projects and Detached Single Family Home Projects**

On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training.

Summary: BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. We have modified local ordinances/policies/procedures and forms/checklists to require all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i. Palo Alto also incorporated this requirement into the Conditions of Approval issued to applicants during the discretionary review process as well as requiring implementation of these elements during building permit review.

In addition, Palo Alto’s Zoning ordinance for the R-1 zone has had the following requirement since 2005:  
 (Section 18.12(h)) states: Minimum Permeable Surface in Front Yard  
 A minimum of 60% of the required front yard shall have a permeable surface that permits water absorption directly into the soil. Provided, all sites may have an impervious 16’ x 20’ driveway and an impervious 4’ x 20’ walkway within the front yard setback.

<sup>1</sup> If there is only 1 treatment measure in the jurisdiction, the agency must inspect it every year.

**C.3.b.v.(1) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period**

| Project Name<br>Project No. | Project Location <sup>2</sup> , Street<br>Address | Name of<br>Developer                                       | Project<br>Phase No. <sup>3</sup> | Project Type &<br>Description <sup>4</sup>   | Project Watershed <sup>5</sup> | Total Site<br>Area<br>(Acres) | Total<br>Area of<br>Land<br>Disturbed<br>(Acres) | Total New<br>Impervious<br>Surface<br>Area (ft <sup>2</sup> ) <sup>6</sup> | Total<br>Replaced<br>Impervious<br>Surface Area<br>(ft <sup>2</sup> ) <sup>7</sup> | Total Pre-<br>Project<br>Impervious<br>Surface<br>Area <sup>8</sup> (ft <sup>2</sup> ) | Total Post-<br>Project<br>Impervious<br>Surface<br>Area <sup>9</sup> (ft <sup>2</sup> ) |
|-----------------------------|---|--|-----------------------------------|--|--------------------------------|-------------------------------|--|--|--|--|---|
| <b>Private Projects</b>     |   |  |                                   |  |                                |                               |  |  |  |  |   |
| 429 University              | 429 University Avenue                             | Kipling Post LP  | NA                                | New 4 story mixed use office/retail/residential building with below grade parking garage.                            | San Francisquito               | 0.25                          | 0.25   | 0  | 10,890   | 10,890   | 10,890  |
| 385 Sherman Avenue          | 385 Sherman Avenue                                | The Minkoff Group  | NA                                | New 3 story mixed use building over 2 levels of below grade parking.   | Matadero Creek                 | 0.64                          | 0.64   | 1,199  | 23,113   | 23,113   | 24,312  |
| 1450 Page Mill Road         | 1450 Page Mill Road                               | Board of Trustees of the Leland Stanford Junior University | NA                                | New 2 story office space, with below grade parking.  | Matadero Creek                 | 3.42                          | 3.42   |  | 112,423  | 119,677  | 112,423   |
| College Terrace Center      | 2180 El Camino Real                               | Brian Spears Development                                   | NA                                | Two new 3 story commercial buildings, One new 2 story multifamily building over a 2 level underground parking garage | Matadero Creek                 | 1.16                          | 1.16   | 6,253  | 41,584   | 41,584   | 47,837  |
| Audi Dealership             | 1730 Embarcadero Road                             | Autopilot Development/<br>Audi of America                  | NA                                | Construction of new auto showroom, site improvements, and remodel of existing  | San Francisco Bay              | 2.28                          | 0.64   | 0  | 17,192   | 82,521   | 81,622  |

<sup>2</sup> Include cross streets

<sup>3</sup> If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

<sup>4</sup> Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

<sup>5</sup> State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

<sup>6</sup> All impervious surfaces added to any area of the site that was previously existing pervious surface.

<sup>7</sup> All impervious surfaces added to any area of the site that was previously existing impervious surface.

<sup>8</sup> For redevelopment projects, state the pre-project impervious surface area.

<sup>9</sup>For redevelopment projects, state the post-project impervious surface area.

**C.3.b.v.(1) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period**

| Project Name<br>Project No.        | Project Location <sup>2</sup> , Street<br>Address | Name of<br>Developer                        | Project<br>Phase No. <sup>3</sup> | Project Type &<br>Description <sup>4</sup>  | Project Watershed <sup>5</sup> | Total Site<br>Area<br>(Acres) | Total<br>Area of<br>Land<br>Disturbed<br>(Acres) | Total New<br>Impervious<br>Surface<br>Area (ft <sup>2</sup> ) <sup>6</sup> | Total<br>Replaced<br>Impervious<br>Surface Area<br>(ft <sup>2</sup> ) <sup>7</sup> | Total Pre-<br>Project<br>Impervious<br>Surface<br>Area <sup>8</sup> (ft <sup>2</sup> ) | Total Post-<br>Project<br>Impervious<br>Surface<br>Area <sup>9</sup> (ft <sup>2</sup> ) |
|------------------------------------|---|---|-----------------------------------|---|--------------------------------|-------------------------------|--|--|--|--|---|
|                                    |   |   |                                   | service buildings   |                                |                               |  |  |  |  |   |
| Stanford Shopping Center           | 180 El Camino Real                                | SPG Center LLC                              | NA                                | Construction of 4 new commercial and retail buildings; site improvements.             | San Francisquito Cerek         | 52                            | 3.03   | 0  | 126,839  | 2,318,416  | 2,289,068   |
| The Clement Hotel                  | 711 El Camino Real                                | Wells Avenue Hotel Development Venture L.P. | NA                                | New 4 story hotel with underground parking garage                                     | San Francisquito Creek         | 0.27                          | 0.27   | 0  | 10,731   | 10,815   | 10,731  |
| 611 Cowper Street                  | 611 Cowper Street                                 | R & M Properties                            | NA                                | New 4 story mixed use building with two levels of underground parking.                | San Francisquito Creek         | 0.32                          | 0.32   | 394  | 12170  | 12,170   | 12,564  |
| Park Plaza                         | 2865 Park Blvd                                    | Hohbach Realty Company L.P.                 | NA                                | New 3 story mixed use building with one level of underground parking                  | Matadero Creek                 | 2.52                          | 2.52   | 0  | 98,337   | 106,340  | 98,337  |
| <b>Public Projects</b>             |   |   |                                   |   |                                |                               |  |  |  |  |   |
| El Camino Park Restoration Project | 103/105 El Camino Real                            | City of Palo Alto                           | NA                                | Rehabilitation of existing public park including new parking area and playing fields. | San Francisquito Creek         | 7.54                          | 7.54   | 16,975   | 36,960   | 36,690   | 53,655  |
| Comments:                          |   |   |                                   |   |                                |                               |  |  |  |  |   |

| C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period(private projects) |  |   |   |   |  |   |   |  |  |                                 |
|---|--|---|---|---|--|---|---|--|--|---------------------------------|
| Project Name<br>Project No.   | Application Deemed Complete Date <sup>10</sup> | Application Final Approval Date <sup>11</sup> | Source Control Measures <sup>12</sup>                             | Site Design Measures <sup>13</sup>                    | Treatment Systems Approved <sup>14</sup>   | Type of Operation & Maintenance Responsibility Mechanism <sup>15</sup>          | Hydraulic Sizing Criteria <sup>16</sup> | Alternative Compliance Measures <sup>17/18</sup> | Alternative Certification <sup>19</sup>                        | HM Controls <sup>20/21</sup>    |
| <b>Private Projects</b>   |  |   |   |   |  |   |   |  |  |                                 |
| 429 University Ave  | NA   | NA  | Maintenance, sweeping   | Disconnected downspouts                               | Applicant requested special project status, Category A. Contech stormfilter(MFS) | storm water treatment maintenance agreement with owner/developer to be recorded | 2c                                      | NA   | Will be third party  | Not in area of HM applicability |
| 385 Sherman Avenue  | 9/18/14  | 10/03/14                                      | Maintenance, sweeping, catch basin cleaning                       | Cluster structures, disconnect downspouts             | Flow-through planter   | storm water treatment maintenance agreement with owner/developer to be recorded | 3, 2C                                   | NA   | Third party certification, Caitlin Gilmore, Schaaf and Wheeler | Not in area of HM applicability |
| 1450 Page Mill Road   | 7/23/15  | 8/7/15  | Beneficial landscape, maintenance, sweeping, catch basin cleaning | Minimal land disturbance, minimize impervious surface | Bioretention area  | storm water treatment maintenance agreement with owner/developer                | 2C                                      | NA   | Third party certification, Caitlin Gilmore, Schaaf and         | Not in area of HM applicability |

<sup>10</sup> For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

<sup>11</sup>For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

<sup>12</sup>List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

<sup>13</sup>List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

<sup>14</sup> List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

<sup>15</sup> List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

<sup>16</sup> See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

<sup>17</sup> For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

<sup>18</sup> For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

<sup>19</sup> Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>20</sup> If HM control is not required, state why not.

<sup>21</sup> If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

| C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period(private projects) |  |   |   |  |   |   |  |  |  |                                 |
|---|--|---|---|--|---|---|--|--|--|---------------------------------|
| Project Name<br>Project No.   | Application Deemed Complete Date <sup>10</sup> | Application Final Approval Date <sup>11</sup> | Source Control Measures <sup>12</sup>   | Site Design Measures <sup>13</sup>   | Treatment Systems Approved <sup>14</sup>      | Type of Operation & Maintenance Responsibility Mechanism <sup>15</sup>          | Hydraulic Sizing Criteria <sup>16</sup>                  | Alternative Compliance Measures <sup>17/18</sup> | Alternative Certification <sup>19</sup>                        | HM Controls <sup>20/21</sup>    |
|   |  |   |   |  |   | to be recorded  |  |  | Wheeler  |                                 |
| College Terrace Center  | 12/7/2009                                      | 1/11/2010                                     | Covered dumpster area, drain to sewer, outdoor material storage protection, maintenance, storm drain labeling | Rainwater harvesting, and flow-through planter                                     | Flow-through planter                          | storm water treatment maintenance agreement with owner/developer to be recorded | 2C   | NA   | Third party certification, Caitlin Gilmore, Schaaf and Wheeler | Not in area of HM applicability |
| Audi Dealership   | 8/7/14   | 9/18/14                                       | Beneficial landscaping; maintenance; storm drain labeling   | Permeable pavement; roof downspouts drain to landscaping                           | Bioretention area                             | storm water treatment maintenance agreement with owner/developer to be recorded | 1b (pervious paver area #1 & #2); 2c (bioretention area) | NA   | Third party certification, Jonathan D. Buck, Engeo Inc.        | Not in area of HM applicability |
| Stanford Shopping Center  | 10/30/14                                       | 12/03/14                                      | Storm drain labeling; maintenance   | Disconnected downspouts; rainwater harvesting & use                                | Rainwater harvesting & use; bioretention area | storm water treatment maintenance agreement with owner/developer to be recorded | 2b (bioretention area); 1b (rainwater harvesting system) | NA   | Third party certification; Robin Lee, Schaaf & Wheeler         | Not in area of HM applicability |
| The Clement Hotel   | 04/15/13                                       | 05/21/13                                      | Covered dumpster area, drain to sanitary sewer, sanitary sewer connection for pool, maintenance               | Minimize impervious surfaces, cluster structures/pavement, disconnected downspouts | Flow-through planter                          | storm water treatment maintenance agreement with owner/developer to be recorded | 3, 1b  | NA   | Third party certification, Jonathan D. Buck, Engeo Inc.        | Not in area of HM applicability |
| 611 Cowper Street   | 04/17/14                                       | 05/07/14                                      | Maintenance(pavement sweeping, catch basin cleaning, good housekeeping)                                       | Cluster structures/pavement, Roof downspouts drain to landscaping                  | Flow Thru Planter                             | storm water treatment maintenance agreement with owner/developer to be recorded | 2a   | NA   | Third party certification, Caitlin Gilmore, Schaaf and Wheeler | Not in area of HM applicability |

| <b>C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period(private projects)</b> |  |   |   |   |  |   |   |  |   |                                 |
|--|--|---|---|---|--|---|---|--|---|---------------------------------|
| Project Name<br>Project No.  | Application Deemed Complete Date <sup>10</sup> | Application Final Approval Date <sup>11</sup> | Source Control Measures <sup>12</sup>   | Site Design Measures <sup>13</sup>                  | Treatment Systems Approved <sup>14</sup>   | Type of Operation & Maintenance Responsibility Mechanism <sup>15</sup>          | Hydraulic Sizing Criteria <sup>16</sup> | Alternative Compliance Measures <sup>17/18</sup> | Alternative Certification <sup>19</sup>                     | HM Controls <sup>20/21</sup>    |
| 2865 Park Blvd   | 10/22/2008                                     | 02/18/2010                                    | Covered dumpster area, drain to sanitary sewer, maintenance, storm drain labeling | Minimum-impact parking lot design (basement/garage) | FloGard dual-vortex hydrodynamic separator | storm water treatment maintenance agreement with owner/developer to be recorded | 2c                                      | NA   | Third party certification, Wen Chen, Nolte Associates, Inc. | Not in area of HM applicability |
| Comments:  |  |   |   |   |  |   |   |  |   |                                 |

| C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period(public projects) |                                |   |   |   |  |   |  |  |   |                                 |
|--|--------------------------------|---|---|---|--|---|--|--|---|---------------------------------|
| Project Name<br>Project No.  | Approval<br>Date <sup>22</sup> | Date<br>Construction<br>Scheduled<br>to Begin | Source Control<br>Measures <sup>23</sup>                                      | Site Design Measures <sup>24</sup>  | Treatment<br>Systems<br>Approved <sup>25</sup>             | Operation &<br>Maintenance<br>Responsibility<br>Mechanism <sup>26</sup> | Hydraulic Sizing<br>Criteria <sup>27</sup> | Alternative<br>Compliance<br>Measures <sup>28/29</sup> | Alternative<br>Certification <sup>30</sup>                                  | HM<br>Controls <sup>31/32</sup> |
| <b>Public Projects</b>   |                                |   |   |   |  |   |  |  |   |                                 |
| El Camino Park<br>Restoration<br>Project   | 1/13/15                        | 2/6/2015                                      | Covered<br>dumpster;<br>Beneficial<br>landscaping;<br>storm drain<br>labeling | Minimize land<br>disturbed, impervious<br>surface, parking lot<br>design; cluster<br>structures/pavement;<br>disconnected<br>downspouts;<br>pervious pavement | Underground<br>detention<br>and<br>infiltration<br>system. | Maintenance<br>Agreement/memo<br>between city<br>departments            | 1B   | NA   | Third party<br>certification:<br>Caitlin<br>Gilmore;<br>Schaaf &<br>Wheeler | No                              |
| Comments:  |                                |   |   |   |  |   |  |  |   |                                 |

<sup>22</sup> For public projects, enter the plans and specifications approval date.

<sup>23</sup>List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

<sup>24</sup>List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

<sup>25</sup> List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

<sup>26</sup> List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

<sup>27</sup> See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

<sup>28</sup> For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

<sup>29</sup> For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

<sup>30</sup> Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>31</sup> If HM control is not required, state why not.

<sup>32</sup> If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

**C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

Fill in table below or attach your own table including the same information

| Name of Facility/Site Inspected             | Address of Facility/Site Inspected     | Newly Installed? (YES/NO) <sup>33</sup> | Party Responsible <sup>34</sup> For Maintenance           | Date of Inspection | Type of Inspection <sup>35</sup> | Type of Treatment/HM Control(s) Inspected <sup>36</sup>            | Inspection Findings or Results <sup>37</sup> | Enforcement Action Taken <sup>38</sup> | Comments/Follow-up         |
|---|--|---|---|--------------------|----------------------------------|--|--|--|----------------------------|
| Stanford/Palo Alto Community Playing Fields | 2700 El Camino Real, Palo Alto, 94306  | No                                      | City of Palo Alto   | 5/5/2015           | Routine                          | Vegetated Swale, Porous Pavement, and Underground Detention System | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 800 High Street Condominiums                | 800 High Street, Palo Alto, 94301      | No                                      | SWIMS, Inc.   | 5/19/2015          | Routine                          | Bioretention, Vortex Separator                                     | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| VTA Transit Center                          | 95 University Avenue, Palo Alto, 94301 | No                                      | Santa Clara Valley Transit Authority Maintenance Division | 6/30/2015          | Routine                          | Vegetated Swale, Media Filter, and Infiltration Trench             | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| New Watson                                  | 2450 Watson Court, Palo Alto, 94303    | No                                      | New Watson Property Management                            | 5/4/2015           | Routine                          | Vegetated Swale  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Arbor Real                                  | 4219 El Camino Real, Palo Alto, 94306  | No                                      | SWIMS, Inc.   | 5/18/2015          | Routine                          | Vegetated Swale, Porous Pavement, and Vortex Separator             | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Echelon                                     | 1101 East Meadow Drive, Palo Alto,     | No                                      | Drainage Protection                                       | 5/7/2015           | Routine                          | Porous Pavement,   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |

<sup>33</sup> Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

<sup>34</sup> State the responsible operator for installed stormwater treatment systems and HM controls.

<sup>35</sup> State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

<sup>36</sup> State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

<sup>37</sup> State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

<sup>38</sup> State the enforcement action(s) taken, if any.

**C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

Fill in table below or attach your own table including the same information

| Name of Facility/Site Inspected | Address of Facility/Site Inspected     | Newly Installed? (YES/NO) <sup>33</sup> | Party Responsible <sup>34</sup> For Maintenance | Date of Inspection | Type of Inspection <sup>35</sup> | Type of Treatment/HM Control(s) Inspected <sup>36</sup> | Inspection Findings or Results <sup>37</sup> | Enforcement Action Taken <sup>38</sup> | Comments/Follow-up         |
|---------------------------------|--|---|---|--------------------|----------------------------------|---|--|--|----------------------------|
|                                 | 94303                                  |   | Systems   |                    |                                  | Vortex Separator  |  |  |                            |
| Keys Middle School              | 3981 El Camino Real, Palo Alto, 94306  | No                                      | Keys Middle School Maintenance                  | 6/2/2015           | Routine                          | Vortex Separator  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Campus for Jewish Life          | 899 Charleston Rd, Palo Alto, 94303    | No                                      | Campus for Jewish Life                          | 5/4/2015           | Routine                          | Vegetated Swale   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Walgreen's                      | 310 University Avenue, Palo Alto 94301 | No                                      | SWIMS, Inc.                                     | 6/9/2015           | Routine                          | Vortex Separator  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| SAP Building 2                  | 3412 Hillview Avenue, Palo Alto, 94304 | No                                      | Eco-Systems                                     | 6/23/2015          | Routine                          | Vegetated Swale   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Altaire                         | 901 San Antonio Rd, Palo Alto, 94303   | No                                      | JPA   | 5/22/2015          | Routine                          | Vortex Separator, Vegetated Swale                       | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| AT&T Mobility Store             | 2805 El Camino Real, Palo Alto, 94306  | No                                      | Premier Properties Management                   | 5/4/2015           | Routine                          | Vegetated Swale, Planter Boxes, and Porous Pavement     | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Pinewood School Gym             | 3750 Fabian Way, Palo Alto, 94303      | No                                      | SWIMS, Inc.                                     | 5/20/2015          | Routine                          | Vortex Separator  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Palo Alto Medical Foundation    | 49 Wells Avenue, Palo Alto, 94301      | No                                      | Palo Alto Medical Foundation                    | 5/4/2015           | Routine                          | Planter Boxes   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |

**C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

Fill in table below or attach your own table including the same information

| Name of Facility/Site Inspected | Address of Facility/Site Inspected            | Newly Installed? (YES/NO) <sup>33</sup> | Party Responsible <sup>34</sup> For Maintenance | Date of Inspection | Type of Inspection <sup>35</sup> | Type of Treatment/HM Control(s) Inspected <sup>36</sup>            | Inspection Findings or Results <sup>37</sup> | Enforcement Action Taken <sup>38</sup> | Comments/Follow-up         |
|---------------------------------|---|---|---|--------------------|----------------------------------|--|--|--|----------------------------|
| Alta Torre                      | 3895 Fabian Way, Palo Alto, 94303             | No                                      | Drainage Protection Systems                     | 5/22/2015          | Routine                          | Planter Boxes, Vortex Separator                                    | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Redwood Gate                    | 4249 El Camino Real, Palo Alto, 94306         | No                                      | Revel Environmental Manufacturing, Inc.         | 5/7/2015           | Routine                          | Vegetated Swale, Porous Pavement, and Underground Detention System | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Palo Alto Golf Country Club     | 3000 Alexis Drive, Palo Alto, 94304           | No                                      | Palo Alto Gold Country Club                     | 6/17/2015          | Routine                          | Vegetated Swale, Vegetated Buffer Strip, and Wet Pond              | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Elk's Lodge No. 1471            | 4249 El Camino Real, Palo Alto                | No                                      | Drainage Protection Systems                     | 5/4/2015           | Routine                          | Vegetated Swale, Vortex Separator                                  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Tree House Apartments           | 488 West Charleston Road, Palo Alto, CA 94306 | No                                      | Pacific Stormwater BMP Solutions, LLC           | 5/14/2015          | Routine                          | Water Quality Inlet, Drain Insert                                  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Old Trace Middlefield LLC       | 2995 Middlefield Road, Palo Alto, 94303       | No                                      | Orchard Commercial, Inc.                        | 5/7/2015           | Routine                          | Vegetated Swale, Water Quality Inlet                               | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Webster Square                  | 275 Lytton Avenue, Palo Alto, 94301           | No                                      | King Asset Management                           | 6/3/2015           | Routine                          | Vortex Separator   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 3500 Emma Court – Lot 4         | 3500 Emma Court, Palo Alto, CA 94306          | No                                      | Property Owner                                  | 6/17/2015          | Routine                          | Vegetated Swale, Other   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |

**C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

Fill in table below or attach your own table including the same information

| Name of Facility/Site Inspected | Address of Facility/Site Inspected         | Newly Installed? (YES/NO) <sup>33</sup> | Party Responsible <sup>34</sup> For Maintenance | Date of Inspection | Type of Inspection <sup>35</sup> | Type of Treatment/HM Control(s) Inspected <sup>36</sup> | Inspection Findings or Results <sup>37</sup> | Enforcement Action Taken <sup>38</sup> | Comments/Follow-up         |
|---------------------------------|--|---|---|--------------------|----------------------------------|---|--|--|----------------------------|
| 3501 Emma Court – Lot 1         | 3501 Emma Court, Palo Alto, CA 94306       | No                                      | Property Owner                                  | 6/17/2015          | Routine                          | Vegetated Swale, Other                                  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 3502 Emma Court – Lot 3         | 3501 Emma Court, Palo Alto, CA 94306       | No                                      | Property Owner                                  | 6/18/2015          | Routine                          | Vegetated Swale, Other                                  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 3503 Emma Court – Lot 2         | 3502 Emma Court, Palo Alto, CA 94306       | No                                      | Property Owner                                  | 6/18/2015          | Routine                          | Vegetated Swale, Other                                  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Merck                           | 975 S. California Ave, Palo Alto, CA 94304 | No                                      | SWIMS, Inc.                                     | 5/14/2015          | Routine                          | Media Filter  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Freidenrich Center              | 800 Welch Road, Palo Alto, CA 94304        | No                                      | Stanford University                             | 5/20/2015          | Routine                          | Vegetated Swale, Bioretention                           | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Hewlett Packard Bldg. 20 Annex  | 3000 Hanover St, Palo Alto, CA 94304       | No                                      | Hewlett Packard                                 | 5/14/2015          | Routine                          | Vegetated Swale   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Edgewood Plaza                  | 2080 Channing Ave, Palo Alto, CA 94303     | No                                      | Ho Holdings No.1 , LLC                          | 5/14/2015          | Routine                          | Bioretention  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Palo Alto Mosque                | 998 San Antonio Rd, Palo Alto, CA 94303    | No                                      | KLM Capital Management Ltd.                     | 5/18/2015          | Routine                          | Vegetated Swale   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Lockheed Martin Building 245    | 3251 Hanover St, Palo Alto, CA 94304       | No                                      | Lockheed Martin                                 | 5/27/2015          | Routine                          | Bioretention  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Monroe Place                    | 4319 El Camino Real, Palo Alto, CA 94306   | No                                      | Classic Communities                             | 5/18/2015          | Routine                          | Underground Detention System                            | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 801 Alma Family Housing         | 801 Alma St, Palo Alto, CA 94301           | No                                      | Eden Housing Management                         | 5/18/2015          | Routine                          | Roof Gardens, Planter Boxes                             | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Lytton Gateway                  | 101 Lytton Ave, Palo Alto, CA 94301        | No                                      | Robert Wheatley Properties                      | 5/5/2015           | Routine                          | Planter Boxes   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |

**C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

Fill in table below or attach your own table including the same information

| Name of Facility/Site Inspected | Address of Facility/Site Inspected                | Newly Installed? (YES/NO) <sup>33</sup> | Party Responsible <sup>34</sup> For Maintenance | Date of Inspection | Type of Inspection <sup>35</sup> | Type of Treatment/HM Control(s) Inspected <sup>36</sup> | Inspection Findings or Results <sup>37</sup> | Enforcement Action Taken <sup>38</sup> | Comments/Follow-up         |
|---------------------------------|---|---|---|--------------------|----------------------------------|---|--|--|----------------------------|
| Flemings Prime Steakhouse       | 180 El Camino , Space G2, Palo Alto, CA 94304     | No                                      | Simon Property Group                            | 5/5/2015           | Routine                          | Bioretention  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Elevation Homes                 | 3445-47 Alma Street, Palo Alto, CA 94306          | No                                      | Massingham and Associates                       | 5/13/2015          | Routine                          | Media Filter  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Apple Store – Stanford Mall     | 379 Stanford Shopping Center, Palo Alto, CA 94304 | No                                      | Apple Inc.                                      | 6/3/2015           | Routine                          | Media Filter  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Elevation Homes                 | 3445-47 Alma Street, Palo Alto, CA 94306          | No                                      | SWIMS, Inc.                                     | 5/13/2015          | Routine                          | Media Filter  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Bloomingtons                    | 180 El Camino Real, #1A, Palo Alto, CA 94304      | Yes                                     | Simon Property Group                            | 5/26/2015          | Initial                          | Bioretention  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Trader Joe's                    | 855 El Camino Real, Palo Alto, CA 94301           | No                                      | Town and Country Management                     | 6/10/2015          | Initial                          | Planter Boxes   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 2060 Channing Avenue            | 2060 Channing Avenue, Palo Alto, CA 94303         | Yes                                     | Property Owner                                  | 5/28/2015          | Initial                          | Bioretention, Porous Pavement                           | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 2062 Channing Avenue            | 2062 Channing Avenue, Palo Alto, CA 94303         | Yes                                     | Property Owner                                  | 5/28/2015          | Initial                          | Porous Pavement   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 2070 Channing Avenue            | 2070 Channing Avenue, Palo Alto, CA 94303         | Yes                                     | Property Owner                                  | 5/28/2015          | Initial                          | Bioretention, Porous Pavement                           | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 2072 Channing Avenue            | 2072 Channing Avenue, Palo Alto, CA 94303         | Yes                                     | Property Owner                                  | 5/28/2015          | Initial                          | Porous Pavement   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 2076 Channing                   | 2076 Channing                                     | Yes                                     | Property Owner                                  | 5/28/2015          | Initial                          | Bioretention, Porous                                    | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |

**C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

Fill in table below or attach your own table including the same information

| Name of Facility/Site Inspected | Address of Facility/Site Inspected         | Newly Installed? (YES/NO) <sup>33</sup> | Party Responsible <sup>34</sup> For Maintenance | Date of Inspection | Type of Inspection <sup>35</sup> | Type of Treatment/HM Control(s) Inspected <sup>36</sup> | Inspection Findings or Results <sup>37</sup> | Enforcement Action Taken <sup>38</sup> | Comments/Follow-up         |
|---------------------------------|--|---|---|--------------------|----------------------------------|---|--|--|----------------------------|
| Avenue                          | Avenue, Palo Alto, CA 94303                |   |   |                    |                                  | Pavement  |  |  |                            |
| 2078 Channing Avenue            | 2078 Channing Avenue, Palo Alto, CA 94303  | Yes                                     | Property Owner                                  | 5/28/2015          | Initial                          | Bioretention, Porous Pavement                           | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 2080 Channing Avenue            | 2080 Channing Avenue, Palo Alto, CA 94303  | Yes                                     | Property Owner                                  | 5/28/2015          | Initial                          | Bioretention, Porous Pavement                           | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 2082 Channing Avenue            | 2082 Channing Avenue, Palo Alto, CA 94303  | Yes                                     | Property Owner                                  | 5/28/2015          | Initial                          | Bioretention, Porous Pavement                           | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 2086 Channing Avenue            | 2086 Channing Avenue, Palo Alto, CA 94303  | Yes                                     | Property Owner                                  | 5/28/2015          | Initial                          | Bioretention, Porous Pavement                           | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 2088 Channing Avenue            | 2088 Channing Avenue, Palo Alto, CA 94303  | Yes                                     | Property Owner                                  | 5/28/2015          | Initial                          | Bioretention, Porous Pavement                           | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| 260 California Avenue           | 260 California Avenue, Palo Alto, CA 94306 | Yes                                     | Tarob M & C Investors, LLC                      | 5/26/2015          | Initial                          | Media Filter  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Google Nest                     | 3400 Hillview Avenue, Palo Alto, CA 94304  | Yes                                     | Hudson Pacific Properties, Inc.                 | 6/1/2015           | Initial                          | Vegetated Swale, Bioretention                           | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| VM Ware Phase 1                 | 3401 Hillview Avenue, Palo Alto, CA 94304  | No                                      | VM Ware, Inc.                                   | 6/18/2015          | Initial                          | Vegetated Swale, Bioretention, Vegetated Buffer Strip   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| VM Ware Phase 2/3               | 3401 Hillview Avenue, Palo Alto, CA 94304  | Yes                                     | VM Ware, Inc.                                   | 6/18/2015          | Initial                          | Bioretention  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Theranos                        | 1701 Page Mill Road, Palo Alto, CA         | Yes                                     | Hines Property Management                       | 6/1/2015           | Initial                          | Bioretention  | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |

**C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

Fill in table below or attach your own table including the same information

| Name of Facility/Site Inspected  | Address of Facility/Site Inspected         | Newly Installed? (YES/NO) <sup>33</sup> | Party Responsible <sup>34</sup> For Maintenance | Date of Inspection | Type of Inspection <sup>35</sup> | Type of Treatment/HM Control(s) Inspected <sup>36</sup>   | Inspection Findings or Results <sup>37</sup> | Enforcement Action Taken <sup>38</sup>                   | Comments/Follow-up   |
|----------------------------------|--|---|---|--------------------|----------------------------------|---|--|--|--|
|                                  | 94304                                      |   |   |                    |                                  |   |  |  |  |
| Varian Medical Systems           | 3130 Hansen Way, Palo Alto, CA 94304       | Yes                                     | Varian Medical Systems                          | 6/24/2015          | Initial                          | Bioretention  | No Visible / Apparent Problems               | None   | Re-inspect site as needed.                                     |
| 4260 Wilkie Way                  | 4260 Wilkie Way, Palo Alto, CA 94306       | No                                      | Property Owner                                  | 6/10/2015          | Initial                          | Vegetated Swale, Porous Pavement                          | No Visible / Apparent Problems               | None   | Re-inspect site as needed.                                     |
| 4264 Wilkie Way                  | 4264 Wilkie Way, Palo Alto, CA 94306       | No                                      | Property Owner                                  | 6/10/2015          | Initial                          | Vegetated Swale, Porous Pavement                          | No Visible / Apparent Problems               | None   | Re-inspect site as needed.                                     |
| 4268 Wilkie Way                  | 4268 Wilkie Way, Palo Alto, CA 94306       | No                                      | Property Owner                                  | 6/10/2015          | Initial                          | Vegetated Swale, Porous Pavement                          | No Visible / Apparent Problems               | None   | Re-inspect site as needed.                                     |
| 4270 Wilkie Way                  | 4270 Wilkie Way, Palo Alto, CA 94306       | No                                      | Property Owner                                  | 6/10/2015          | Initial                          | Vegetated Swale, Porous Pavement                          | No Visible / Apparent Problems               | None   | Re-inspect site as needed.                                     |
| 4272 Wilkie Way                  | 4272 Wilkie Way, Palo Alto, CA 94306       | No                                      | Property Owner                                  | 6/10/2015          | Initial                          | Vegetated Swale, Porous Pavement                          | BMP Eliminated                               | None, maintenance agreement not completed, owner unaware | Working on providing alternative treatment in another location |
| Alma Village                     | 3445 Alma Street, Palo Alto, CA 94306      | No                                      | McNellis Partners, SWIMS                        | 6/2/2015           | Initial                          | Media Filter  | No Visible / Apparent Problems               | None   | Re-inspect site as needed.                                     |
| Hilton Garden Inn                | 4216 El Camino Real, Palo Alto, CA 94306   | Yes                                     | Hilton Garden Inn                               | 5/22/2015          | Initial                          | Bioretention, Planter Boxes                               | No Visible / Apparent Problems               | None   | Re-inspect site as needed.                                     |
| Homewood Suites by Hilton        | 4329 El Camino Real, Palo Alto, CA 94306   | Yes                                     | Homewood Suites                                 | 6/1/2015           | Initial                          | Bioretention, Planter Boxes, Underground Detention System | No Visible / Apparent Problems               | None   | Re-inspect site as needed.                                     |
| Gideon Hausner Jewish Day School | 490 San Antonio Road, Palo Alto, CA 94306  | Yes                                     | Gideon Hausner Jewish Day School                | 6/3/2015           | Initial                          | Bioretention  | No Visible / Apparent Problems               | None   | Re-inspect site as needed.                                     |
| Vantage Homes                    | 945 East Meadow Drive, Palo Alto, CA 94306 | No                                      | Compass Management Group                        | 5/7/2015           | Initial                          | Porous Pavement, Vortex Separator                         | No Visible / Apparent Problems               | None   | Re-inspect site as needed.                                     |

**C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

Fill in table below or attach your own table including the same information

| Name of Facility/Site Inspected | Address of Facility/Site Inspected              | Newly Installed? (YES/NO) <sup>33</sup> | Party Responsible <sup>34</sup> For Maintenance | Date of Inspection | Type of Inspection <sup>35</sup> | Type of Treatment/HM Control(s) Inspected <sup>36</sup> | Inspection Findings or Results <sup>37</sup> | Enforcement Action Taken <sup>38</sup> | Comments/Follow-up         |
|---------------------------------|---|---|---|--------------------|----------------------------------|---|--|--|----------------------------|
| West Meadow Oaks                | 433 West Meadow Drive, Palo Alto, CA 94306      | No                                      | West Meadow Oaks HOA                            | 6/3/2015           | Initial                          | Planter Boxes   | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |
| Sterling Park                   | 3270-90 West Bayshore Road, Palo Alto, CA 94303 | No                                      | Helsing Group                                   | 6/8/2015           | Initial                          | Bioretention, Hydrodynamic Separator                    | No Visible / Apparent Problems               | None                                   | Re-inspect site as needed. |

| C.3.e.vi.Special Projects Reporting Table  |                |                    |  |                           |   |                    |                 |             |  |  |  |  |
|--|----------------|--------------------|--|---------------------------|---|--------------------|-----------------|-------------|--|--|--|--|
| Reporting Period –January1 – June 30, 2015 |                |                    |  |                           |   |                    |                 |             |  |  |  |  |
| Project Name & No.                         | Permittee      | Address            | Application Submittal Date <sup>39</sup> | Status <sup>40</sup>      | Description <sup>41</sup>   | Site Total Acreage | Density DU/Acre | Density FAR | Special Project Category <sup>42</sup> | LID Treatment Reduction Credit Available <sup>43</sup> | List of LID Stormwater Treatment Systems <sup>44</sup> | List of Non-LID Stormwater Treatment Systems <sup>45</sup>   |
| 429 University Ave                         | Elizabeth Wong | 429 University Ave | 6/19/14                                  | Pending Planning approval | Combine two separate parcels into one new parcel, new four-story mixed-use commercial/residential building with below grade parking | 0.252 acre         | 15.84           | 3:1         | Category A                             | 100%:  | N/A  | Contech Stormfilter (MFS) treating 100% of runoff – treatment capacity exceeds C.3 design flow. Certified by Washington State Department of Ecology (TAPE) |

<sup>39</sup> Date that a planning application for the Special Project was submitted.

<sup>40</sup> Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

<sup>41</sup> Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

<sup>42</sup> For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

<sup>43</sup>For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

<sup>44</sup>: List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

<sup>45</sup> List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

## Narrative Discussion of LID Feasibility or Infeasibility

### 429 University

#### 1. Feasibility/Infeasibility of Onsite Infiltration, Evapotranspiration, and Harvesting/Use

The Countywide Program's infiltration/harvesting and use feasibility screening worksheet and rainwater harvesting and use worksheet were completed for the project. The results of this analysis showed that it was infeasible to treat the C.3.d amount of runoff with infiltration and/or harvesting and use.

#### 2. Feasibility/Infeasibility of Onsite LID Treatment

The project site was reviewed with regard to the feasibility and infeasibility of LID onsite treatment. The results of this review showed that it was infeasible to treat 100% of the C.3.d amount of runoff with LID treatment. The findings of this review are presented below.

- a) **On-site Drainage Conditions.** The existing site is 100% impervious being covered almost entirely by the existing building with the remainder of the site being asphalt parking area. The proposed redevelopment consists of a four-story building with two levels of below grade parking. The building footprint, doorway entrances, and a portion of the driveway for the underground parking at grade (podium level) is 11,000 sf, taking up 100% of the entire project site. There is no landscape (pervious) area on the project site and there is none in the existing conditions.
- b) **Constraints to Providing On-site LID.** The drainage management areas that are proposed to drain to tree-box type high flow rate biofilters and/or vault-based high flow rate media filters include some areas that are not covered by buildings. Areas not covered by the building consist of door entry ways, an enclosure to house the MFS filter and a portion of ramp to below-grade parking. In these areas, conditions and technical constraints are present that preclude the use of LID features and facilities, as described below.
  - i. Impervious paved areas: Ingress and egress to and from building, vehicular access to below-grade parking, location of MFS unit and access,
  - ii. Landscaped areas: Inadequate size to accommodate biotreatment facilities that meet sizing requirements for the tributary area. - The minimum area needed to accommodate LID treatment (flow-through planter) would be 273 sf. There is no available area for a LID treatment facility of this size onsite. The area that the non-LID device is located in is only 38 sf.

3. **Feasibility/Infeasibility of Off-Site LID Treatment.** The possibility of providing off-site LID treatment was found to be infeasible for the following reasons.
  - i. Offsite treatment is impossible as the surrounding area is nearly entirely impervious City sidewalk and street area while the applicant does not own property adjacent to or near the project site that could be used for treatment.
  - ii. There is no regional LID stormwater mitigation program available to the project for in-lieu C.3 compliance.

**Section 4 – Provision C.4 Industrial and Commercial Site Controls**

**Program Highlights**

Provide background information, highlights, trends, etc.

The City actively participated in the Program’s Industrial and Commercial Ad Hoc Task Group (IND AHTG), including presenting at the annual inspector training.

The City of Palo Alto continues to implement an aggressive industrial and commercial inspection program:

- All inspections of industrial and commercial facilities include both stormwater and wastewater components
- The facility inspection list is continuously updated as new businesses go through the development review process or staff becomes aware
- All inspection staff attended the Program’s annual training

Please refer to the C.4. Industrial and Commercial Site Controls section of the Program’s FY 14-15 Annual Report for a description of program and/or regional activities.

**C.4.b.i. ► Business Inspection Plan**

Do you have a Business Inspection Plan?

|                                     |     |                          |    |
|-------------------------------------|-----|--------------------------|----|
| <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/> | No |
|-------------------------------------|-----|--------------------------|----|

If No, explain:

**C.4.b.iii.(1) ► Potential Facilities List**

List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

Commercial and industrial facilities in regulated categories are inspected for wastewater and storm water pollution prevention issues as documented in the City of Palo Alto’s Annual Pretreatment Report and Clean Bay Plan. Facility data, status, and inspection results are stored in a database. The list of facilities was updated based on the inspections. A list of the facilities subject to periodic inspections is attached as Appendix 4-1.

**C.4.b.iii.(2) ► Facilities Scheduled for Inspection**

List below or attach your list of facilities scheduled for inspection during the current fiscal year.

Please see Appendix 4-2

**C.4.c.iii.(1) ► Facility Inspections**

Fill out the following table or attach a summary of the following information. Indicate your violation reporting methodology below.

|                                     |  |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Permittee reports multiple discrete violations on a site as one violation. |
| <input type="checkbox"/>            | Permittee reports the total number of discrete violations on each site.    |

|   | Number | Percent |
|---|--------|---------|
| Number of businesses inspected  | 190    |         |
| Total number of inspections conducted   | 393    |         |
| Number of violations (excluding verbal warnings)  | 9      |         |
| Sites inspected in violation  | 8      | 4%      |
| Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner | 9      | 100%    |

Comments:  
 "Sites inspected in violation" reflects the number of sites that received a written warning (Level 2 or 3 enforcement) during a site inspection. Multiple discrete violations on a site during one inspection are counted as one violation.

The eight sites (excluding verbal warnings) in violation were 1 automotive facility and seven restaurants. Reinspection occurred within 10 business days or sooner except when longer time frames were given in the notices of non-compliance. These facilities were inspected on the due dates. For example, one facility was asked to cover a mop sink, which required more time.

The City inspects all facilities found with violations until violations are satisfactorily corrected, no matter how long it takes a facility to achieve compliance. Written notices include a due date for completing the corrections to violation found. The violations not corrected in a timely manner received escalated enforcement actions as well as education to encourage the facility to comply.

**C.4.c.iii.(2) ► Frequency and Types/Categories of Violations Observed**

Fill out the following table or attach a summary of the following information.

| Type/Category of Violations Observed  | Number of Violations |
|---|----------------------|
| Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge) | 11                   |
| Potential discharge and other   | 28                   |

Comments:  
 A discharge stream was counted as one discharge per inspection per site. Appendix 4-3 defines categories with actual or potential discharges. The table in the Appendix includes verbal warnings.

|  |  |
|--|--|
|  |  |
|--|--|

**C.4.c.iii.(2) ▶ Frequency and Type of Enforcement Conducted**

Fill out the following table or attach a summary of the following information.

|              | Enforcement Action<br>(as listed in ERP) <sup>1</sup> | Number of Enforcement<br>Actions Taken | % of Enforcement<br>Actions Taken <sup>2</sup> |
|--------------|---|--|--|
| Level 1      |   | 114                                    | 92%  |
| Level 2      |   | 7                                      | 6%   |
| Level 3      |   | 2                                      | 2%   |
| Level 4      |   | 0                                      | 0  |
| <b>Total</b> |   | 123                                    | 100%   |

**C.4.c.iii.(3) ▶ Types of Violations Noted by Business Category**

Fill out the following table or attach a summary of the following information.

| Business Category <sup>3</sup>  | Number of Actual<br>Discharge Violations | Number of Potential/Other<br>Discharge Violations |
|---|--|---|
| A summary of these categories is attached as Appendix 4-3. It includes verbal warnings. |  |   |
|   |  |   |

**C.4.c.iii.(4) ▶ Non-Filers**

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:

Stangenes Industries Inc., located at 1066 E Meadow Circle, Palo Alto, California. Stangenes produces and re-builds electrical transformers and performs activities outside.

**C.4.d.iii ▶ Staff Training Summary**

| Training Name         | Training Dates | Topics Covered                       | No. of Inspectors in<br>Attendance | Percent of Inspectors<br>in Attendance |
|-----------------------|----------------|--------------------------------------|------------------------------------|--|
| SCVURPPP Construction | 05/06/2015     | Construction and C.3 O&M inspections | 7                                  | 90%                                    |

<sup>1</sup> Agencies to list specific enforcement actions as defined in their ERPs.

<sup>2</sup> Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<sup>3</sup> List your Program's standard business categories.

|   |                   |  |                            |  |
|---|-------------------|--|----------------------------|--|
| stormwater and O&M Inspection workshop  |                   |  |                            |  |
| SCVURPPP Industrial/Commercial Stormwater Inspector                                     | 5/20/2015         | Industrial/commercial inspections, illicit discharges  | 7 (plus Engineering staff) | 90%  |
| C.3 Stormwater Workshop   | 6/16/2015         | C.3, LID, Green Infrastructure   | 14 staff (1 inspector)     |  |
| SCVURPPP Trash Assessment Workshop  | 4/27/2015         | Performing trash assessments   | 4                          | 50%  |
| StormCon 2014 Certified Professional in Storm Water Quality Preparation and Examination | 8/3/2014-8/4/2014 | Certification recognizes professionals who understand the connection between human actions on the landscape and storm water quality                        | 1                          | 13% (100% of full time stormwater inspector) |
| StormCon 2014   | 8/5/2014-8/7/2015 | General Sessions (BMP, Green Infrastructure, Program Management, Water Quality Monitoring, Industrial Stormwater Management, and Advanced Research Topics) | 1                          | 13% (100% of full time stormwater inspector) |
|   |                   |  |                            |  |

**Section 5 – Provision C.5 Illicit Discharge Detection and Elimination**

**Program Highlights**

Provide background information, highlights, trends, etc.

The City actively participated in the Program’s IND/IDDE AHTG, including providing a training scenario for the county-wide inspector training. The City responds immediately to complaints of discharges. This year, the number of discharges reaching storm drains was significantly lower than last year.

The City screens its storm sewer collection system for illicit discharges and connections in conjunction with its ongoing maintenance program. Utilities and Public Works field crews call inspection staff for any issues observed in the field.

Please refer to the C.5 Illicit Discharge Detection and Elimination section of the Program’s FY 14-15 Annual Report for description of program and/or regional activities.

**C.5.c.iii ► Complaint and Spill Response Phone Number and Spill Contact List**

List below or attach your complaint and spill response phone number and spill contact list.

| Contact  | Description | Phone Number |
|--|-------------|--------------|
| Please see Appendix 5-1 for the appropriate spill response numbers and contacts which are also available on the website at <a href="http://www.cityofpaloalto.org/news/displaynews.asp?NewsID=338&amp;TargetID=63">http://www.cityofpaloalto.org/news/displaynews.asp?NewsID=338&amp;TargetID=63</a> |             |              |
|  |             |              |

**C.5.d.iii ► Evaluation of Mobile Business Program**

Describe implementation of minimum standards and BMPs for mobile businesses and your enforcement strategy. This may include participation in the BASMAA Mobile Surface Cleaners regional program or local activities.

Description:  
 City of Palo Alto staff currently address mobile businesses by responding to any complaints/observations of illicit discharges on an as needed basis. When violations are identified, staff uses outreach materials developed by the City, the Bay Area Pollution Prevention Group (BAPPG) or SCVURPPP to educate the businesses, depending on the specific violation observed. The City’s current surface cleaning contractor for sidewalks and parking garages is BASMAA certified, and the City requires BASMAA certifications for any surface cleaning contracts in the contract specifications.

City staff actively participated in the IND/IDDE AHTG, including continued updates of a list of mobile cleaners that may be operating within the City based on observations and on-line searches.

Please refer to the C.5 Illicit Discharge Detection and Elimination section of the Program’s FY 14-15 Annual Report for a description of efforts by the Program’s IND/IDDE AHTG and the BASMAA Municipal Operations Committee to address mobile businesses.

**C.5.e.iii ► Evaluation of Collection System Screening Program**

Provide a summary or attach a summary of your collection screening program, a summary of problems found during collection system screening and any changes to the screening program this FY.

Description: Palo Alto has continued to implement a storm drain collection system screening process that relies on Public Works Public Services maintenance crews to report illicit discharges during their annual visits to clean each storm drain catch basin throughout the City each fall and monthly preventative maintenance visits to the storm water pump stations. Any unusual discharges are reported to the Public Works Environmental Services staff for follow up investigation as to potential discharge sources. Although our existing screening program was not specifically designed to conform to the USEPA guidance document referenced in the MRP, we believe that its effectiveness exceeds the referenced standard.

**C.5.f.iii.(1), (2), (3) ► Spill and Discharge Complaint Tracking**

Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)

|  | Number | Percentage |
|--|--------|------------|
| Discharges reported (C.5.f.iii.(1))                                      | 17     |            |
| Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2)) | 1      | 6%         |
| Discharges resolved in a timely manner (C.5.f.iii.(3))                   | 17     | 100%       |

Comments:  
 The City tracks all complaints as individual cases. If a discharge cannot be found in the field, the database entry will show "complaint not found." In prior annual reports, the number of cases was higher due to logged inspections for trash booms in Adobe and Matadero Creeks. Such inspections are occurring weekly and are no longer logged in the database. Of the 15 cases, 6 are inspections for construction dewatering at small residential sites, and 2 cases are inspection of the City's full trash capture units.

Most complaints or spill reports are responded to immediately upon receiving the relevant information. Quick response time reduces the number of discharges reaching storm drains and/or receiving water and increases the chance of locating the spill, the source, and the responsible parties. Quick response by storm drain crews and enforcement staff also leads to faster resolution of problems and continued compliance.

**C.5.f.iii.(4) ► Summary of major types of discharges and complaints**

Provide a narrative or attach a table and/or graph.

The majority of calls tracked in the illicit discharge detection and elimination database did not result in an actual discharge to the storm drain system. One incident reached a storm drain. Of the 17 cases, 6 are inspections for construction dewatering at small residential sites, and 2 cases are inspection of the City's full trash capture units. Of the remaining 9, the types were

- Paint stain (no discharge): 1

- Water line break: 1
- Other: 1
- RV Waste Discharge: 1
- Sanitary Spill or Leak: 1
- Oil and Grease Discharge: 1
- Pool Discharge: 1
- Dumping (non-hazardous): 1 (referred to Water District for clean-up)
- Reinspection: 1

The following enforcement actions were taken:

- Verbal Notice: 1
- Warning Letter: 1
- Referral: 1
- Notice of Noncompliance: 1
- Administrative Action: 1

Section 6 – Provision C.6 Construction Site Controls

| <b>C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals</b>  |  |   |
|--|--|---|
| Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection)<br>(C.6.e.iii.1.a) | Number of sites disturbing ≥ 1 acre of soil<br>(C.6.e.iii.1.b) | Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more)<br>(C.6.e.iii.1.c) |
| 3  | 28   | 123   |
| Comments: NA   |  |   |

| <b>C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations</b> |  |                                    |
|---|--|------------------------------------|
| BMP Category  | Number of Violations <sup>1</sup><br>excluding Verbal Warnings | % of Total Violations <sup>2</sup> |
| Erosion Control   | 0  | 0                                  |
| Run-on and Run-off Control  | 1  | 100%                               |
| Sediment Control  | 0  | 0                                  |
| Active Treatment Systems  | 0  | 0                                  |
| Good Site Management  | 0  | 0                                  |
| Non Stormwater Management   | 0  | 0                                  |
| <b>Total<sup>3</sup></b>  |  | <b>100%</b>                        |

<sup>1</sup> Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category. For example, if during one inspection at a site, there are 2 erosion control violations, only 1 violation would be counted for this table.

<sup>2</sup> Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

<sup>3</sup> The total number of violations may count more than one violation per inspection, since some inspections may result in violations in more than one category. For example, during one inspection of a site, there may have been both an erosion control violation and a sediment control violation. For this reason, the total number of violations in this table may not match the total number of enforcement actions reported in Table C6.e.iii.1.e.

**C.6.e.iii.1.e ► Construction Related Storm Water Enforcement Actions**

|                      | Enforcement Action<br>(as listed in ERP) <sup>4</sup> | Number Enforcement<br>Actions Issued | % Enforcement Actions<br>Issued <sup>5</sup> |
|----------------------|---|--------------------------------------|--|
| Level 1 <sup>6</sup> |   | 0                                    | 0  |
| Level 2              |   | 1                                    | 100%   |
| Level 3              |   | 0                                    | 0  |
| Level 4              |   | 0                                    | 0  |
| <b>Total</b>         |   | <b>1</b>                             | <b>100%</b>                                  |

**C.6.e.iii.1.f, g ► Illicit Discharges**

|  | Number |
|--|--------|
| Number of illicit discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.f)    | 0      |
| Number of sites with discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.g) | 1      |

<sup>4</sup> Agencies should list the specific enforcement actions as defined in their ERPs.

<sup>5</sup> Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<sup>6</sup> For example, Enforcement Level 1 may be Verbal Warning.

| <b>C.6.e.iii.1.h, i ► Violation Correction Times</b>   |               |                   |
|--|---------------|-------------------|
|  | <b>Number</b> | <b>Percent</b>    |
| <b>Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)</b> | 1             | 100% <sup>7</sup> |
| <b>Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)</b>   | 0             | % <sup>8</sup>    |
| <b>Total number of violations (excluding verbal warnings) for the reporting year<sup>9</sup></b>   | 1             | 100%              |
| <b>Comments:</b><br>All violations were fully corrected within 10 business days or prior to the next rain event.   |               |                   |

| <b>C.6.e.iii.(2) ► Evaluation of Inspection Data</b>  |
|---|
| Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).  |
| <p>Description:</p> <p>The City continues to use an electronic database to track construction inspections and associated data to meet the requirements of the Municipal Regional Permit and has implemented use of a field tablet for more efficient documentation of inspections. The number of sites slightly decreased compared to last year. The number of High Priority Sites reduced and the sites that disturbed more than 1 acre of soil remained the same. Most contractors are very aware of stormwater requirements and use the best available BMP materials and equipment to ensure compliant sites. Regular monthly SWPPP inspections remind contractors that the City is serious about unlawful discharges into the MS4 system.</p> |

| <b>C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness</b>   |
|---|
| Describe what appear to be your program’s strengths and weaknesses, and identify needed improvements, including education and outreach.   |
| <p>Description:</p> <p>The City has conducted an aggressive storm water program for construction activities for 20 years. Regulations and BMPs are stressed during all phases from planning through completion and for all sizes of projects. The number and severity of violations observed over the years has</p> |

<sup>7</sup> Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

<sup>8</sup> Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

<sup>9</sup> The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions. i.e., This assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

decreased due to this consistent message and improved awareness within the construction industry as well as staff throughout the City.

The City continues to employ a dedicated storm water investigator and a significant portion of the position’s time is spent on construction site inspection at the known sites and field survey work. The investigator uses a tablet for more efficient recordkeeping as the number of sites and inspections increases. Other members of the Watershed Protection Group are cross-trained in these responsibilities and watch for issues throughout the City. Close cooperation with the Building, Planning, Utilities, and Public Works Engineering Services staff allows us to be aware of projects throughout the City and problems as they arise. The inspector uses regionally developed materials for inspection and education. The City recently adapted the BMP plan sheet for small developments for the City’s use.

Please refer to the C.6 Construction Site Control section of the Program’s FY 14-15 Annual Report for a description of program and regional activities.

**C.6.f ► Staff Training Summary**

| Training Name   | Training Dates    | Topics Covered   | No. of Inspectors in Attendance | Percent of Inspectors in Attendance          |
|---|-------------------|--|---------------------------------|--|
| SCVURPPP Construction stormwater and O&M Inspection workshop                            | 05/06/2015        | Construction and C.3 O&M inspections   | 7                               | 90%  |
| StormCon 2014 Certified Professional in Storm Water Quality Preparation and Examination | 8/3/2014-8/4/2014 | Certification recognizes professionals who understand the connection between human actions on the landscape and storm water quality                        | 1                               | 13% (100% of full time stormwater inspector) |
| StormCon 2014   | 8/5/2014-8/7/2015 | General Sessions (BMP, Green Infrastructure, Program Management, Water Quality Monitoring, Industrial Stormwater Management, and Advanced Research Topics) | 1                               | 13% (100% of full time stormwater inspector) |

Section 7 – Provision C.7. Public Information and Outreach

**C.7.b.ii.1 ► Advertising Campaign**

Summarize advertising efforts. Include details such as messages, creative developed, and outreach media used. The detailed advertising report may be included as an attachment. If advertising is being done by participation in a countywide or regional program, refer to the separate countywide or regional Annual Report.

Summary:

The following separate reports developed by SCVURPPP and BASMAA summarize countywide and regional advertising efforts conducted during FY 14-15:

- FY 14-15 Watershed Watch Campaign Annual Campaign Report
- FY 14-15 Watershed Watch Partner Report
- FY 14-15 Watershed Watch Web Statistics Report

These reports are included within the C.7 Public Information and Outreach section of Program's FY 14-15 Annual Report.

**Additional Palo Alto Outreach:**

August 2014:

Pesticides Bee August Utility Bill Insert  
'Real Stories' Web Graphic  
'Real Stories' August Utility Bill Insert  
P2 Week 'Our Bay' PAWeekly Ad

September 2014:

Household Hazardous Waste P2 Week Poster  
'Real Stories' P2 Week Poster  
Meds Disposal Tear Sheet  
Pharmaceuticals Disposal September Utility Bill Insert  
P2 Week 'Our Bay' Campaign print and Facebook ads

October 2014:

Pharmaceuticals Fact Sheet Update  
Plastics 'Fish Comic' October Utility Bill Insert  
Plastics 'Fish Comic' Poster

December 2014:

Pet Meds Disposal Tear Sheet  
San Francisco Bay King Tide December Utility Bill Insert  
San Francisco Bay King Tide Poster

January 2015:

Triclosan Disposal Facebook Ad  
Triclosan February Utility Bill Insert

February 2015:  
 School Outreach Brochure

March 2015:  
 Integrated Pest Management (IPM) Garden Workshops print and Facebook ads

April 2015:  
 Auto Poster: BMPs for automotive facilities

May 2015:  
 'Bee' Coexist Outreach Flyer  
 2-sided Doorhanger FOG/Non-Flushables  
 Litter ad in High School Journal

June 2015:  
 Polystyrene Meeting June Daily Ad  
 PPT Styrofoam Map

**C.7.b.iii.1 ► Pre-Campaign Survey**

*(For the Annual Report following the pre-campaign survey)* Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information:

Place an **X** in the appropriate box below:

|   |   |
|---|---|
|   | Survey report attached  |
| X | Reference to regional submittal: Information on the pre-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the FY 11-12 Annual Report. |

**C.7.b.iii.2 ► Post-Campaign Survey**

*(For the Annual Report following the post-campaign survey)* Discuss the campaigns and the measureable changes in awareness and behavior achieved. Provide an update of outreach strategies based on the survey results. If survey was done regionally, refer to a regional submittal that contains the following information:  
**Information on the post-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the BASMAA FY 13-14 Annual Report.**  
**Information on the SCVURPPP 2014 Public Opinion Survey is included in the Program’s FY 13-14 Annual Report.**  
 Place an **X** in the appropriate box below:

|                                     |  |
|-------------------------------------|--|
| <input type="checkbox"/>            | Survey report attached   |
| <input checked="" type="checkbox"/> | Reference to regional submittal: Information on the post-campaign survey for the BASMAA Regional Youth Litter Campaign is provided in the BASMAA FY 13-14 Annual Report. Information on the SCVURPPP 2014 Public Opinion Survey is included in the Program’s FY 13-14 Annual Report. |

**C.7.c ► Media Relations**

Summarize the media relations effort. Include the following details for each media pitch in the space below, AND/OR refer to a regional report that includes these details:

- Topic and content of pitch
- Medium (TV, radio, print, online)
- Date of publication/broadcast

Summary:  
 The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 14-15:

- BASMAA Media Relations Final Report FY 14-15

This report and any other media relations efforts conducted by the Program are included within the C.7 Public Information and Outreach section of the Program’s FY 14-15 Annual Report.

**C.7.d ► Stormwater Point of Contact**

Summary of any changes made during FY 14-15:  
 No change.

**C.7.e ► Public Outreach Events**

Program staff, the Watershed Watch consultant, and Co-permittees staffed 12 outreach events in FY 14-15. Events were selected based upon target audience and attendance. Materials distributed at the events included the following: Less Toxic Pest Management fact sheets, “10 Most Wanted Backyard Bugs” brochure, “Draining Pools & Spas” brochure, “You are the Solution to Water Pollution” brochure, “Clean Cars & Clean Creeks” brochure, “Mercury in Fish” brochure, and giveaways (e.g. flyswatters, OWOW magnets, drawstring backpacks, and temporary tattoos). The flyswatters have the Watershed Watch website and hotline number and the words “The Original Earth-Friendly Pest Control” printed on them. The Campaign also continued using QR codes (“Quick Response” codes) in printed materials. These codes have URLs embedded in them and

when scanned with smart phones direct users to specific webpages. This was targeted at people that are reluctant to collect paper materials and only want to look up information online. The bean bag toss game for children was used at most of the events. Event staff distributed approximately 2,900 outreach materials and giveaways.

| Event Details   | Description (messages, audience)   | Evaluation of Effectiveness   |
|---|--|---|
| Name: Imagination Technologies Vendor Fair<br>Date: August 21, 2014<br>Location: Imagination Technologies<br>Region: Countywide         | Type of Event: Corporate event<br>Audience: Information Technology Professionals<br>Message: Stormwater pollution prevention, less-toxic pest control, water quality, proper medication disposal | General Feedback: The event was very well organized. Many employees stopped at the booth to ask questions.<br>Estimated Overall Event Attendance: 90<br>Number of Brochures/Flyers Distributed: 198<br>Number of Giveaways Distributed: 118<br>Number of Watershed Watch Discount Cards Distributed: 64   |
| Name: Happy Kids Day<br>Date: August 23, 2014<br>Location: Cupertino Memorial Park, Cupertino<br>Region: Countywide                     | Type of Event: Community Fair<br>Audience: Families with children<br>Message: Stormwater pollution prevention, less-toxic pest control, and proper disposal of HHW                               | General Feedback: Good attendance with lots of families with children. The bean bag game was very popular with kids The Program attended this event for the first time in FY 14-15. Based on feedback from event staff and organizers, the Program will consider attending the event in FY 15-16 as well.<br>Estimated Overall Event Attendance: 30,000<br>Number of Brochures/Flyers Distributed: 302<br>Number of Giveaways Distributed: 450<br>Number of Watershed Watch Discount Cards Distributed: 126 |
| Name: Pumpkins in the Park<br>Date: October 11, 2014<br>Location: Guadalupe River Park/Discovery Meadow, San Jose<br>Region: Countywide | Type of Event: Community fair<br>Audience: Families with children<br>Messages: Stormwater pollution prevention, less-toxic pest control, and proper disposal of HHW.                             | General Feedback: This is a great event for educating families with small children. As always, the bean bag game was very popular with the kids.<br>Estimated Overall Event Attendance: 13,000-15,000<br>Number of Brochures/Flyers Distributed: 119<br>Number of Giveaways Distributed: 481<br>Number of Watershed Watch Discount Cards Distributed: 98<br>Number of kids that played the bean bag game: 260   |

|   |   |  |
|---|---|--|
| <p>Name: Earth Day at San Jose State University<br/>         Date: April 22, 2015<br/>         Location: San Jose State University/Tower Lawn, San Jose<br/>         Region: Countywide</p> | <p>Type of Event: College Event<br/>         Audience: Young adults, students<br/>         Messages: Stormwater pollution prevention and proper disposal of HHW</p>                             | <p>General Feedback: The event was well organized and a good place to reach young adults.<br/>         Estimated Overall Event Attendance: 1,000 - 1,200<br/>         Number of Brochures/Flyers Distributed: 262<br/>         Number of Giveaways Distributed: 188<br/>         Number of Watershed Watch Discount Cards Distributed: 224</p>   |
| <p>Name: Mission College Eco Fair<br/>         Date: April 23, 2015<br/>         Location: Mission College Campus, Santa Clara<br/>         Region: : Countywide</p>                        | <p>Type of Event: College event<br/>         Audience: Young adults, students<br/>         Messages: Stormwater pollution prevention and proper disposal of HHW</p>                             | <p>General Feedback: The event was well organized and a good place to reach young adults. Event organizers provided the students a questionnaire that they could complete by visiting booths, and earn extra credit. This led to increased participation and engagement.<br/>         Estimated Overall Event Attendance: 700 - 800<br/>         Number of Brochures/Flyers Distributed: 152<br/>         Number of Giveaways Distributed: 396<br/>         Number of Watershed Watch Discount Cards Distributed: 39</p> |
| <p>Name: Fit &amp; Fun Earth Day Fair<br/>         Date: April 25, 2015<br/>         Location: Columbia Neighborhood Center, Sunnyvale<br/>         Region: Countywide</p>                  | <p>Type of Event: Community fair<br/>         Audience: Families with children<br/>         Messages: Stormwater pollution prevention, less-toxic pest control, and proper disposal of HHW.</p> | <p>General Feedback: Great attendance throughout the day. The bean bag game was very popular with children.<br/>         Estimated Overall Event Attendance: 2,000<br/>         Number of Brochures/Flyers Distributed: 85<br/>         Number of Giveaways Distributed: 600<br/>         Number of Watershed Watch Discount Cards Distributed: 121</p>  |
| <p>Name: Fishing in the City<br/>         Date: April 26, 2015<br/>         Location: Lake Cunningham, San Jose<br/>         Region: Countywide</p>   | <p>Type of Event: Community fishing event<br/>         Audience: Anglers<br/>         Messages: Guidelines to eating Fish and Shellfish from local lakes and San Francisco Bay</p>              | <p>General Feedback: The intent of the event is to introduce young children to fishing. The event was attended by lots of families with children. All of them were very receptive to receiving information on safe fish consumption.<br/>         Estimated Overall Event Attendance: 150</p>  |

|   |  |   |
|---|--|---|
|   |  | Number of Brochures/Flyers Distributed: 144   |
| <p>Name: Fishing in the City<br/>         Date: May 17, 2015<br/>         Location: Lake Cunningham, San Jose<br/>         Region: Citywide</p>   | <p>Type of Event: Community fishing event<br/>         Audience: Anglers<br/>         Messages: Guidelines to eating Fish and Shellfish from local lakes and San Francisco Bay</p>                     | <p>General Feedback: The intent of the event is to introduce young children to fishing. The event was attended by lots of families with children. All of them were very receptive to receiving information on safe fish consumption.<br/>         Estimated Overall Event Attendance: 150<br/>         Number of Brochures/Flyers Distributed: 23</p>   |
| <p>Name: Watershed Watch "half-off" two hour Car Wash Event<br/>         Date: June 3, 2015<br/>         Location: Robertsville Classic Car Wash, 5005 Almaden Exp., San Jose<br/>         Region: Countywide</p> | <p>Type of Event: Car Wash<br/>         Audience: Car wash customers<br/>         Messages: Stormwater pollution prevention and proper car washing.</p>  | <p>General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach car wash customers.<br/>         Estimated Overall Event Attendance: 137 car washes<br/>         Number of Brochures/Flyers Distributed: 15<br/>         Number of Watershed Watch Discount Cards Distributed: 31</p>  |
| <p>Name: Festival in the Park<br/>         Date: June 6, 2015<br/>         Location: Hellyer County Park, San Jose<br/>         Region: Countywide</p>  | <p>Type of Event: Community Health Fair<br/>         Audience: Families with children.<br/>         Message: Stormwater pollution prevention, less-toxic pest control, and proper disposal of HHW.</p> | <p>General Feedback: Great attendance throughout the whole event. This event is great for reaching Spanish speaking segments of the population.<br/>         Estimated Overall Event Attendance: 5,000<br/>         Number of Brochures/Flyers Distributed: 198<br/>         Number of Giveaways Distributed: 606<br/>         Number of Watershed Watch Discount Cards Distributed: 132<br/>         Number of kids that played the bean bag game: 356</p> |

| <p>Name: Watershed Watch “half-off” two hour Car Wash Event<br/>                 Date: June 10, 2015<br/>                 Location: Capitol Premier Car Wash, 735 Capitol Expressway Auto Mall, San Jose<br/>                 Region: Countywide</p> | <p>Type of Event: Car Wash<br/>                 Audience: Car wash customers<br/>                 Messages: Stormwater pollution prevention, proper car washing.</p>   | <p>General Feedback: Event rained out but Program staff, Co-permittee staff, and promotional team were present. Owner distributed 15 free car wash vouchers to people who showed up.<br/>                 Estimated Overall Event Attendance: 15 free car wash vouchers<br/>                 Number of Brochures/Flyers Distributed: 0<br/>                 Number of Watershed Watch Discount Cards Distributed: 15</p> |
|--|--|--|
| <p>Name: Watershed Watch “half-off” two hour Car Wash Event<br/>                 Date: June 11, 2014<br/>                 Location: Delta Queen Classic Car Wash, 981 E Hamilton Avenue, Campbell<br/>                 Region: Countywide</p>        | <p>Type of Event: Car Wash<br/>                 Audience: Car wash customers<br/>                 Messages: Stormwater pollution prevention, proper car washing.</p>   | <p>General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach car wash customers.<br/>                 Estimated Overall Event Attendance: 151 car washes<br/>                 Number of Brochures/Flyers Distributed: 30<br/>                 Number of Watershed Watch Discount Cards Distributed: 68</p>   |
| <p><b>A selection of City of Palo Alto outreach efforts in 2014 – 2015 is listed below:</b></p>  |  |  |
| Event Details  | Focus & Short Description  | Evaluation of Effectiveness  |
| <p>Name: Student Conservation Corps Workshop &amp; Tour<br/>                 Date: July 14, 2014<br/>                 Location: RWQCP<br/>                 Region: City</p>  | <p>Type of Event: Informational workshop and tour of Plant<br/>                 Audience: High school age + 2 counselors<br/>                 Messages: Focused on wastewater process, stormwater facts and recycled water information</p> | <p>General Feedback: Good Q&amp;A session with students and staff<br/>                 Estimated Event Attendance: 10<br/>                 Giveaway items: Plant Process brochures, reusable shopping bags &amp; post-it pads with Cleanbay.org URL</p>  |
| <p>Name: Boy Scout storm drain stenciling project<br/>                 Date: August 9, 2014<br/>                 Location: Storm drains around a local school<br/>                 Region: City</p>  | <p>Type of Event: Storm drain stencil painting with kit provided<br/>                 Audience: Middle school age<br/>                 Messages: To help storm drain pollution</p>   | <p>General Feedback: Scouts had a great time, helped get Eagle Scout qualification<br/>                 Estimated Event Attendance: Unknown</p>  |

|  |  |   |
|--|--|---|
| <p>Name: Palo Alto City staff training – WGW, Utilities and PWD groups<br/>         Date: September 10,17, 18, 2014<br/>         Location: Various locations<br/>         Region: City</p> | <p>Type of Event: BMP &amp; Hazardous Waste training<br/>         Audience: City staff (field and office)<br/>         Messages: Zero waste BMPs and how to deal with hazardous waste</p>                    | <p>General Feedback: Well received and appreciated<br/>         Estimated Event Attendance: 183 employees</p>   |
| <p>Name: National Coastal Cleanup Volunteer Event<br/>         Date: September 20, 2014<br/>         Location: Matadero and Adobe Creeks<br/>         Region: City</p>                     | <p>Type of Event: Creek cleanup event for volunteers and City staff<br/>         Audience: Adults and children<br/>         Messages: “ Keeping harmful litter out of our waterways”</p>                     | <p>General Feedback: Appreciated by those who attended, attendance down for our creeks<br/>         Estimated Event Attendance: 31 people combined both creeks, including City staff</p>  |
| <p>Name: Pollution Prevention Week<br/>         Date: September 1-27, 2014<br/>         Location: Various venues around the city<br/>         Region: City</p>                             | <p>Type of Event: Workshops, nature hikes, canoe trip, tours<br/>         Audience: All who sign up<br/>         Messages: Protecting our environment, healthy cleaning and less-toxic gardening</p>         | <p>General Feedback: All events sold out, very well received, great feedback for more future events<br/>         Estimated Event Attendance: ~ 100 people combined for all events + email outreach of 6,600 impressions<br/>         Giveaway items: mostly instructional items</p> |
| <p>Name: PA Employee Health Fair<br/>         Date: October 2, 2014<br/>         Location: Downtown City Library<br/>         Region: City</p>   | <p>Type of Event: General health and wellness event<br/>         Audience: All City staff<br/>         Messages: Pollution prevention, safe medicine disposal, flushable wipes and triclosan information</p> | <p>General Feedback: Wheel-o-Trash game played, good participation<br/>         Estimated Event Attendance: 175 – 200 employees<br/>         Giveaway items: Post-it pads with cleanbay.org URL, portable bamboo utensil kits, tear sheets for medicines drop-off locations</p>     |
| <p>Name: Embarcadero Way Cigarette Butt project<br/>         Date: Began January 5, 2015<br/>         Location: Embarcadero Way (target location)<br/>         Region: City</p>            | <p>Type of Event: Litter prevention, new street stencil outreach<br/>         Audience: local businesses &amp; tenants<br/>         Messages: “Take your butts with you” stencil</p>                         | <p>General Feedback: Good responses but still problem areas on street<br/>         Estimated Event Attendance: N/A<br/>         Giveaway items: Pocket ashtrays</p>   |

|  |  |  |
|--|--|--|
| <p>Name: Jordan Middle School Science Fair<br/>         Date: January 15, 2015<br/>         Location: 750 N. California Avenue, Palo Alto<br/>         Region: City</p>            | <p>Type of Event: Science fair open house<br/>         Audience: Students and parents<br/>         Messages: Littering, including campus and off-campus</p>  | <p>General Feedback: Played Wheel-o-Trash game, students &amp; parents really like the game, continue to be asked back<br/>         Estimated Event Attendance: ~600 students/teachers/parents<br/>         Giveaway items: pencils with Cleanbay.org url</p>                              |
| <p>Name: Wilson Sonsini Goodrich &amp; Rosati Earth Day event<br/>         Date: April 16, 2015<br/>         Location: 650 Page Mill Road, Palo Alto<br/>         Region: City</p> | <p>Type of Event: Earth Day event<br/>         Audience: Staff and tablers<br/>         Messages: Littering, better car washing practices, safe medicine disposal, flushable wipes information</p>   | <p>General Feedback: Played Wheel-o-Trash game. Very well received, always asked back each year<br/>         Estimated Event Attendance: ~150 people<br/>         Giveaway items: post-it pads and information about medicines disposal, SCVURPP discount cards for car washing places</p> |
| <p>Name: PARC "Billion Acts of Green" Earth Day event<br/>         Date: May 19, 2015<br/>         Location: 3333 Coyote Hill Road, Palo Alto<br/>         Region: City</p>        | <p>Type of Event: Earth Day event for staff only<br/>         Audience: PARC employees and tablers<br/>         Messages: litter prevention, better car washing practices, medicines disposal and flushable wipes</p>                      | <p>General Feedback: Played Wheel-o-Trash game, very well received, good questions<br/>         Estimated Event Attendance: ~250 employees<br/>         Giveaway items: post-it pads with Cleanbay.org URL</p>   |
| <p>Name: "Get Involved Palo Alto Internship Project"<br/>         Date: June 22, 2015<br/>         Location: Gunn High School<br/>         Region: City</p>                        | <p>Type of Event: City support for High School Intern program – multi department participation<br/>         Audience: High School students<br/>         Messages: Trash reduction, recycling, policy change with selling water bottles</p> | <p>General Feedback: Great joint collaboration in a High School program, program to run all school year<br/>         Estimated Event Attendance: unknown<br/>         Giveaway items: N/A</p>  |

**C.7.f. ► Watershed Stewardship Collaborative Efforts**

Summarize watershed stewardship collaborative efforts and/or refer to a regional report that provides details. Describe the level of effort and support given (e.g., funding only, active participation etc.). State efforts undertaken and the results of these efforts. If this activity is done regionally refer to a regional report.

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

During FY 14-15, the Program actively supported the Santa Clara Basin Watershed Initiative, including the Land Use Subgroup, and the Santa Clara Valley Zero Litter Initiative. Information on these efforts is included within the C.7 Public Information and Outreach section of the Program's FY 14-15 Annual Report.

During FY 14/15, Santa Clara Valley Zero Litter Initiative (ZLI) participants continued implementing a right size/right service (RS2) campaign to address litter from overflowing trash and recycling containers in situations where such containers are shared by businesses or tenants in multi-family housing. ZLI participants shared learnings and materials from their RS2 campaigns and developed a dumpster image for use in collateral that shows best management practices as well as other outreach pieces to support the campaign. ZLI participants presented at the CRRRA conference for solid waste professionals, the first time that this solid waste conference had several stormwater presentations related to litter. ZLI is currently working on putting together webinars to share best practices and ideas with professionals working on litter issues related to a variety of topics.

**C.7.g. ► Citizen Involvement Events**

The Program provided funding for the following citizen involvement events:

- 1) National River Cleanup Day – The Program supports the involvement of Santa Clara County citizens by providing advertising support for the National River Clean-up Day. The City of Palo Alto also supports this volunteer event.
- 2) Citizen involvement events at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) – A number of citizen involvement and stewardship programs are conducted as part of the Program funded Watershed Watchers Program at the Refuge. Participants usually work in the Refuge gardens planting native plants, pulling non-native plants, and mulching. More details are included in the Watershed Watchers Report in the Program Annual Report Appendix 7-7.

In addition, Palo Alto provided support and funding for the following citizen involvement events:

- 1) Coastal Cleanup Day Event – Largest waterways cleanup event of the year, supported by the City of Palo Alto and focuses on two Palo Alto creeks that are designated as "hot spots". Promoted locally and by the Creek Connections Action Group.
- 2) Acterra Watershed Education and Monitoring Project: Providing funding to Acterra to manage a volunteer creek monitoring program (see section C.8), school and scout outreach field trips, trash pick-up events, and other outreach events.
- 3) Boy Scout Stencilling project and "Get Involved Internship" projects listed above.

| Event Details  | Description   | Evaluation of effectiveness  |
|--|---|--|
| Name: Summer of Service Program<br>Date: 7/9/14, 7/23/14, 7/30/14, 6/24/15<br>Location: Don Edwards Wildlife Refuge, Alviso<br>Focus: Countywide   | Partnership program between Santa Clara Valley youth groups and the Watershed Watchers program. Youth spend a day at the Refuge and they work in the gardens in the morning and explore the Refuge in the afternoon.  | The Summer of Service program reached a total of 47 attendees, including 16 elementary school students, 17 middle school students, 7 high school students, and 7 adults.                       |
| Name: Coastal Cleanup Day Event<br>Date: 9/20/14<br>Location: Matadero and Adobe Creeks, E. Bayshore Road, Palo Alto<br>Focus: City  | Annual creek volunteer cleanup event for two creeks located in the Baylands area of Palo Alto. The City promotes this event locally and provides staff to support the cleanup and volunteer coordination.   | On Coastal Cleanup Day, a total of 31 volunteers (including City staff) participated in cleaning 2 sites and removing 160 pounds of trash and 70 pounds of recycled materials from the creeks. |
| Name: Community Service Days/Gardening Without Chemicals<br>Date: 9/20/14, 10/5/14, 12/13/14, 1/31/15, 2/13/15, 2/21/15, 2/28/15, 3/21/15, 3/22/15, 4/11/15, 4/18/15, 4/21/15, 4/22/15, 4/30/15, 6/24/15<br>Location: Don Edwards Wildlife Refuge, Alviso<br>Focus: Countywide | This is an open day for corporate groups, schools groups or the general public to work in the gardens planting native plants, pulling non-native plants, and mulching.  | This event reached a total of 123 attendees, including 18 elementary school students, 12 middle school students, 32 high school students, and 61 adults.                                       |
| Name: National River Cleanup Day<br>Date: 5/16/15<br>Location: Various locations throughout the County<br>Focus: Countywide  | In FY 14-15, the Creek Connections Action Group sponsored two creek clean-up events: California Coastal Clean-up Day on September 20, 2014 and National Rivers Clean-up Day on May 16, 2015. The Program provided funding for the National Rivers Clean-up Day advertising. | On National River Cleanup Day, a total of 1,049 volunteers participated in cleaning 50 sites and removed approximately 29,425 pounds of trash and 1,804 pounds of recyclables from creeks.     |

**C.7.h. ► School-Age Children Outreach**

Outreach to school-age children is implemented through ZunZun assemblies at local elementary schools and the “Watershed Watchers” program at the Environmental Education Center at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) in Alviso. The Program sponsors up to 50 ZunZun assemblies at elementary schools in Santa Clara Valley and funds an Interpretive Specialist position at the Refuge for conducting activities and programs about watershed and urban runoff pollution prevention. The Fourth Quarter “Watershed Watchers” Report including the End-of-

| Year summary is included in the Program Annual Report Appendix 7-7. The Final ZunZun Report and Teacher Evaluation Report are included in the Program Annual Report Appendix 7-8. |  |                                     |   |
|---|--|-------------------------------------|---|
| Program Details   | Focus & Short Description  | Number of Students/Teachers reached | Evaluation of Effectiveness   |
| Name : ZunZun Musical Assembly<br>Grade or level: elementary  | Interactive, musical school assemblies educating K-6 children about watersheds and pollution prevention. | 13,588 students                     | ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 84 completed evaluation cards from teachers. Overall, the feedback was positive and indicated an increase in the students' knowledge about watersheds and pollution prevention.<br>A few highlights of the evaluations are: <ul style="list-style-type: none"> <li>• After the performance, 20 teachers reported that 100% of their students knew what a watershed was; 28 teachers indicated that 75% of their students knew what a watershed was; 11 teachers indicated that 50% of their students knew what a watershed was; and 23 teachers indicated that 25% of their students knew what a watershed was.</li> <li>• After the performance, 42 teachers indicated that 100% of their students could name a way to prevent pollution in the watershed; 26 teachers indicated that 75% of their students could name a way to prevent pollution in the watershed; and 9 teachers indicated that 50% of their students could name a way to prevent pollution in the watershed.</li> </ul> In addition, 7 classrooms completed the "I Pledge to Keep My School Clean" activity. The pledge requires students to dispose of trash or recyclables properly or pick up litter for a week. Students sign the pledge each day to indicate completion. Teachers are |

|   |  |   |   |
|---|--|---|---|
|   |  |   | asked to fax or email the completed pledge form to Program staff. Watershed Watch sports backpacks were distributed to students that completed the pledge.  |
| Name: Watershed Watchers Program at Don Edwards Wildlife Refuge in Alviso<br>Grade or level: pre-school, elementary, middle, high school. | The Refuge offers a number of interpretive programs to educate children and youth about preventing urban runoff pollution. A description of the program is provided in the Watershed Watchers Fourth Quarter Report in Appendix 7-7.   | 137 pre-kindergarteners, 976 elementary school students, 555 middle school students, and 207 high school students.  | Visitor Surveys are used to determine visitor demographics, effectiveness of publicity, and the effectiveness of the Watershed Watchers Program.<br>In addition, an "Urban Runoff Bead Drop" display is used to record actions (e.g., pick up litter, spread the word, take car to car wash) that children promise to do to help keep storm drains clean.<br>Results of both these evaluation mechanisms are summarized in the Watershed Watchers Fourth Quarter Report included in Appendix 7-7. |
| <b>Additional Palo Alto School Outreach Events for FY 2014 - 2015</b>   |  |   |   |
| <b>Program Details</b>  | <b>Focus &amp; Short Description</b>   | <b>Number of Students/Teachers Reached</b>  | <b>Evaluation of Effectiveness</b>  |
| What's Bugging You?   | In this interactive program, students work together to create a visual habitat for insects. By learning about insects and the food chain students are introduced to the concept of pesticides, as well as the impacts of pesticides on water pollution. Students also learn: the difference between waste water and storm water (where it comes from, where it goes); the water cycle; the definition and function of a watershed; and "reduce/reuse/recycle/rot/respect." | Los Altos Schools:<br>1 class, 24 students<br><br>Mt. View Schools:<br>4 classes, 104 students<br><br>E. Palo Alto Schools:<br>0 classes, 0 students<br><br>Palo Alto Schools:<br>7 classes, 168 students | 75% of teachers returned postage-paid evaluation postcard, with a cumulative rating of 4.9 out of 5 in both quality of program and clarity of presenter. 100% stated students' understanding of the difference between storm drain/sewer systems increased or stayed the same, and 100% stated students' understanding of what they can do to prevent water pollution increased or stayed the same as well.   |
| What's Up With the Bags?  | In this program students practice their reading and comprehension skills by reading a story out loud as they learn   | Los Altos Schools:<br>1 class, 24 students  | See above   |

|                             |   |  |                  |
|-----------------------------|---|--|------------------|
|                             | <p>about the impact of plastic bags when they enter the watershed through human use and misuse. Plastic bag alternatives are discussed. Students are given a re-usable bag, encouraged to decorate it with a message about water pollution or something else they learned from the lesson, and then take the bag home to be reused. Students also learn: the difference between waste water and storm water (where it comes from, where it goes); the water cycle; the definition and function of a watershed; and "reduce/reuse/recycle /rot/respect."</p> | <p>Mt. View Schools:<br/>4 classes, 104 students</p> <p>E. Palo Alto Schools:<br/>0 classes, 0 students</p> <p>Palo Alto Schools:<br/>10 classes, 240 students</p>   |                  |
| <p>Watershed Warriors!</p>  | <p>In this program students utilize a hands-on, simulated model called The Enviroscape. This model represents various environments such as a farm and a neighborhood. Students learn the sources of pollution &amp; solutions to reduce or eliminate pollution. Students also learn: the difference between waste water and storm water (where it comes from, where it goes); the water cycle; the definition and function of a watershed; and "reduce/reuse/recycle/rot/respect."</p>  | <p>Los Altos Schools:<br/>0 classes, 0 students</p> <p>Mt. View Schools:<br/>0 classes, 0 students</p> <p>E. Palo Alto Schools:<br/>0 classes, 0 students</p> <p>Palo Alto Schools:<br/>11 classes, 264 students</p> | <p>See above</p> |
| <p>Who Dirtied the Bay?</p> | <p>Moving through time from past to present the focus of this program is on storm water and how pollutants impact the Baylands and H2O environment. Pollution prevention solutions are discussed with an emphasis on what the students can do right now, at their age, to impact water pollution Students also learn: the difference between waste water and storm water (where it comes</p>  | <p>Los Altos Schools:<br/>3 classes, 72 students</p> <p>Mt. View Schools:<br/>3 classes, 84 students</p> <p>E. Palo Alto Schools:<br/>0 classes, 0 students</p>  | <p>See above</p> |

|  |  |   |   |
|--|--|---|---|
|  | from, where it goes); the water cycle; the definition and function of a watershed; and "reduce/reuse/recycle/rot/respect."   | Palo Alto Schools:<br>10 classes, 246 students  |   |
| Mercury  | In this program students learn how mercury from the past (California Gold Rush) and the present, accumulates and impacts the waters of San Francisco Bay. Bioaccumulation of mercury is also demonstrated with a participatory activity. Pollution prevention strategies are discussed. Students also learn: the difference between waste water and storm water (where it comes from, where it goes); the water cycle; the definition and function of a Watershed; and "reduce/reuse/recycle/rot/respect"  | Los Altos Schools:<br>3 classes, 78 students<br><br>Mt. View Schools:<br>0 classes, 0 students<br><br>E. Palo Alto Schools:<br>0 classes, 0 schools<br><br>Palo Alto Schools:<br>7 classes, 176 schools           | See above   |
| Microbes in Sewage                                 | In a laboratory setting, students practice their microscope skills as they observe, document and identify microbes from water samples drawn from the aeration basin as part of the wastewater treatment process. This program directly relates since students study protist in the 7th grade as part of the science biology curriculum. Students also learn to understand the sense of place and the role of a wastewater treatment plant in their community. Impact of pollution on the Baylands and water environment, as well as prevention solutions that the students can currently engage in are discussed | Los Altos Schools:<br>12 classes, 336 students<br><br>Mt. View Schools:<br>23 classes, 653 students<br><br>E. Palo Alto Schools:<br>8 classes, 240 students<br><br>Palo Alto Schools:<br>33 classes, 904 students | See above   |
| ZunZun Musical Assembly<br>K-6 <sup>th</sup> Grade | Interactive, musical school assemblies educating K-6 children about watersheds and pollution prevention.   | Report TBD  | Evaluations distributed and collected by ZunZun. See Watershed Watch Campaign |

|  |   |   |                             |
|--|---|---|-----------------------------|
|  |   |   | Academic Year Final Report. |
| Palo Alto High School Verde Magazine Advertisement | Placed ad in magazine focused on litter using SCVURPPP bus tail | All Palo Alto High School students and families | TBD                         |

Section 8 - Provision C.8 Water Quality Monitoring

**C.8 ► Water Quality Monitoring**

State below if information is reported in a separate regional report. Municipalities can also describe below any Water Quality Monitoring activities in which they participate directly, e.g. participation in RMP workgroups, fieldwork within their jurisdictions, etc.

Summary:

During FY 14-15, we participated in BASMAA Regional Monitoring Coalition (RMC) and conducted monitoring consistent with the MRP through the Program. In addition, we contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. Monitoring efforts and results are documented in a separate report submitted March 15 of each year, as required in Provision C.8. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 14-15 Annual Report and the Integrated Monitoring Report, submitted to the Water Board on March 15, 2014.

The City funds Acterra's Citizen Volunteer monitoring activities. Acterra involves volunteers in monitoring 5 sites on San Francisquito Creek, 4 on Adobe Creek and 2 sites each on Matadero and Barron Creeks. On a monthly basis at each site, volunteers make visual observations, including the presence of trash, and monitor five parameters: pH, temperature, conductivity, turbidity and dissolved oxygen (DO).

Section 9 – Provision C.9 Pesticides Toxicity Controls

| <b>C.9.b ► Implement IPM Policy or Ordinance</b>  |                     |          |          |          |          |          |
|---|---------------------|----------|----------|----------|----------|----------|
| Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation. |                     |          |          |          |          |          |
| <b>Trends in Quantities and Types of Pesticides Used<sup>1</sup></b>  |                     |          |          |          |          |          |
| Pesticide Category and Specific Pesticide Used  | Amount <sup>2</sup> |          |          |          |          |          |
|   | FY 09-10            | FY 10-11 | FY 11-12 | FY 12-13 | FY 13-14 | FY 14-15 |
| <b>Organophosphates</b>   |                     |          |          |          |          |          |
| Product or Pesticide Type A   | 0                   | 0        | 0        | 0        | 0        | 0        |
| Product or Pesticide Type B   | 0                   | 0        | 0        | 0        | 0        | 0        |
| <b>Pyrethroids</b>  |                     |          |          |          |          |          |
| Product or Pesticide Type X   |                     |          |          |          |          |          |
| Product or Pesticide Type Y   | 0                   | 0        | 0        | 0        | 0        | 0        |
| <b>Carbaryl</b>   |                     |          |          |          |          |          |
| <b>Fipronil</b>   | 0                   | 0        | 0        | 0        | 0        | 0        |

| <b>C.9.c ► Train Municipal Employees</b>   |     |
|--|-----|
| Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.                                       | 27  |
| Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.                                      | 27  |
| Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years. | 100 |

<sup>1</sup> Includes all municipal structural and landscape pesticide usage by employees and contractors.

<sup>2</sup> Weight or volume of the product or preferably its active ingredient, using same units for the product each year. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: allethrin, bifenthrin, beta-cyfluthrin, bioallethrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, fenpropathrin, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (d-phenothrin), tau-fluvalinate, tefluthrin, tetramethrin, tralomethrin, cis-permethrin, and zeta-cypermethrin.

|  |  |   |                             |
|--|--|---|-----------------------------|
| <b>C.9.d ▶ Require Contractors to Implement IPM</b>  |  |   |                             |
| Did your municipality contract with any pesticide service provider in the reporting year?  |  | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| If yes, attach one of the following:   |  |   |                             |
| <input checked="" type="checkbox"/>  | Contract specifications that require adherence to your IPM policy and standard operating procedures, OR (see Appendix for golf course and landscape maintenance contractor specifications. |   |                             |
| <input type="checkbox"/>   | Copy(ies) of the contractors' IPM certification(s) or equivalent, OR   |   |                             |
| <input type="checkbox"/>   | Equivalent documentation.  |   |                             |
| Palo Alto does not currently have a contract in place for structural pest control and is seeking to establish a new contract in the next reporting year. |  |   |                             |

|   |  |
|---|--|
| <b>C.9.e ▶ Track and Participate in Relevant Regulatory Processes</b>   |  |
| Summarize participation efforts, information submitted, and how regulatory actions were affected <b>OR</b> reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.     |  |
| Summary:<br>During FY 14-15, we participated in regulatory processes related to pesticides through contributions to the Program, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees. |  |

|  |  |                              |  |
|--|--|------------------------------|--|
| <b>C.9.f ▶ Interface with County Agricultural Commissioners</b>  |  |                              |  |
| Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?       |  | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary. |  |                              |  |

|   |  |
|---|--|
| <b>C.9.h.ii ▶ Public Outreach: Point of Purchase</b>  |  |
| Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); <b>OR</b> reference a report of a regional effort for public outreach in which your agency participates. |  |
| Summary:<br>The following separate reports developed by SCVURPPP and BASMAA summarize point of purchase outreach efforts conducted during FY 14-15:<br>• FY 14-15Store Employee Training Report (SCVURPPP)  |  |

- FY 14-15 Store Employee Training Evaluation Summary (SCVURPPP)
- FY 14-15 Store Employee Training Status Table (SCVURPPP)
- FY 14-15 List of Stores in the IPM Store Partnership Program (SCVURPPP)
- FY 14-15 BASMAA “Our Water, Our World” (OWOW) Report (BASMAA)

Palo Alto contractors who lead public IPM workshops led throughout the year also encourage residents to use OWOW as a primary resource for pest control.

#### **C.9.h.vi ► Public Outreach: Pest Control Operators**

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); **OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:

The following separate reports developed by SCVURPPP summarize Public Outreach: Pest Control Operators efforts conducted during FY 14-15:

- FY 14-15 Watershed Watch Campaign Final Report
- FY 14-15 Green Gardener Training Report

These reports are included within the C.7 Public Information and Outreach and C.9 Pesticides Toxicity Control sections of Program’s FY 14-15 Annual Report.”

In 2014 and 2015, Palo Alto began work as one of the pilot cities included in the BASMAA Pest Management Alliance Grant Concept “IPM Focus on Multi-Unit Housing.” This pilot will target improving IPM at multi-family dwellings and will commence in fall 2015. Goals of the project include educating building owners and managers to request IPM services when engaging a pest management professional (PMP), and strengthening IPM PMP certification programs.

Palo Alto staff also taught the IPM portion of the 2014 Green Gardener workshop.

Section 10 - Provision C.10 Trash Load Reduction

**C.10.a.iii ► Minimum Full Trash Capture**

Provide the following:

- 1) Total number and types of full capture devices (publicly and privately-owned) installed to-date;
- 2) Total land area (acres) and land areas within each trash generation category (i.e., very high, high, moderate and low) treated by full capture devices (or other types of devices for non-population based Permittees); and, compare with the total required in the permit.
- 3) A narrative summary of maintenance activities implemented for each device, group of devices, or device type, including descriptions of typical maintenance frequencies and issues associated with maintaining these devices. Describe, in particular, any devices that have trash or debris overflowed, bypassed or are not functioning properly in any other manner. Describe corrective actions.

| Type of Device               | # of Devices                | Acres Treated in FY 14-15 by Trash Generation Category |           |           |           |            |
|------------------------------|-----------------------------|--|-----------|-----------|-----------|------------|
|                              |                             | Low  | Moderate  | High      | Very High | Total      |
| Hydrodynamic Separator Units | 11<br>(2 Public, 9 Private) | 139  | 36        | 10        | 0         | 185        |
| <b>Total for all Types</b>   | <b>11</b>                   | <b>139</b>   | <b>36</b> | <b>10</b> | <b>0</b>  | <b>185</b> |
| <b>Required by Permit</b>    |                             |  |           |           |           | <b>84</b>  |

**Maintenance Summary**

The City's two CDS devices were inspected and maintained on October 2 and December 4, 2014 and April 28, 2015. 90% of the material captured was leaves and debris. Maintenance records are maintained in an Excel sheet, SFEP data sheet submittal, and in the stormwater database. In FY 14-15, the City of Palo Alto continued to participate in the development of a Model Trash Full Capture Device Operation and Maintenance (O&M) Verification Program initiated by SCVURPPP. The model program is intended to provide Permittees with a template for documenting O&M procedures, including inspection and maintenance frequencies. Over the course of the next year, the City plans to further document the city-specific O&M verification program by tailoring the Model Program developed by SCVURPPP to incorporate city-specific characteristics/processes. Additional details on the City's O&M verification program will be included in our FY15-16 Annual Report.

Private devices are inspected annually as part of the C.3 inspections to ensure proper maintenance.

Trash booms are inspected frequently and maintained at least three times a year (during May and September creek clean up events and prior to removing them from the water in November or December (depending on the occurrence of first flush). Inspections and maintenance are tracked in the storm water database. This year, trash booms were maintained three times (September and December 2014 and May 2015). The City tracks types of trash captured by the boom. Predominant types of trash found were EPS pieces (likely packaging), balls (mostly tennis balls), plastic bottles and spray paint cans.

**C.10.b.iii ► Trash Hot Spot Assessment**

Provide the volume of material removed during each MRP-required Trash Hot Spot cleanup during each fiscal year, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources in FY 2014-15 to the extent possible. Also, provide additional information on creek cleanups conducted beyond those required that are used to demonstrate trash load reductions in C.10.d- Part C.

| Trash Hot Spot | FY 14-15 Cleanup Date(s) | Volume of Trash Removed (cubic yards) |            |            |            |            | Dominant Type(s) of Trash in FY 2014-15  | Trash Sources in FY 2014-15 (where possible) |
|----------------|--------------------------|---------------------------------------|------------|------------|------------|------------|--|--|
|                |                          | FY 2010-11                            | FY 2011-12 | FY 2012-13 | FY 2013-14 | FY 2014-15 |  |  |
| PA-001         | 9/18/2014                | 1.7                                   | 0.7        | 2.0        | 0.9        | 0.4        | Paper and cardboard, Cigarette butts, Convenience/Fast Food items, Other plastic products, Other | Litter, Illegal dumping, Other               |
| PA-002         | 9/18/2014                | 2.5                                   | 3.0        | 1.2        | 0.2        | 0.7        | Cigarette butts, Convenience/Fast Food items, Styrofoam, Sports balls, Other plastic products    | Litter, Illegal dumping, Other               |

**Additional Receiving Water Cleanups**

The City of Palo Alto performed multiple cleanups of their MRP-required trash hot spots since 2010. Since 2013-14, only one of the trash hot spots is reported here (prior years volumes reflect all clean ups during that year). City of Palo Alto staff and volunteers cleaned both hot spot sites and surrounding areas in May 2015.

Additional cleanup events to those reported above were conducted at:

- PA-001 on 5/16/15 – 90 gallons
- PA-002 on 5/16/15 – 142 gallons

Park Rangers collect trash in the Baylands weekly. This year approximately 16 cubic yards (i.e., 3,232 gallons) of material were collected in the Baylands, including tennis balls, mattresses, litter and illegally dumped trash.

A dedicated volunteer picked up trash in the Baylands, primarily along Matadero Creek, and reported amounts to the City this year. The volunteer picked up approximately 10.7 cubic feet (i.e., 80 gallons) of litter, including styrofoam bits, plastic bags, wrappers, cigarettes butts, cups.

The volume of material removed from these other cleanups is reported as the Estimated % Trash Reduction due to Creek/Shoreline Cleanups (All TMAs) in Section C.10. Part C - Estimated Overall Trash Load Reduction.

**C.10.c ► Long-Term Trash Load Reduction Plan**

Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), trash generation maps, control measures, or time schedules identified in your plan.

| Description of Significant Revision  | Associated TMA        |
|--|-----------------------|
| A school inspection program implemented this year, which included wastewater and stormwater inspection components, including trash, found several school sites had "low" trash generation rates rather than "medium" adjusting the baseline trash generation rate for this TMA | 8 b, n, p, q, s, t, u |
| The expansion of the Expanded Polystyrene Ordinance was delayed due to staff resources. Outreach has been performed and Council's first reading of the ordinance is scheduled for the fall of 2015   | Jurisdiction-wide     |
|  |                       |
|  |                       |
|  |                       |
|  |                       |

| <b>C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)</b>   |   |  |   |                                  |
|--|---|--|---|----------------------------------|
| Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area. |   |  |   |                                  |
| <b>Control Measure</b>   | <b>Summary Description of Control Measure &amp; Dominant Trash Sources and Types</b>  | <b>Assessment Method(s)</b>  | <b>Summary of Assessment Results To-date</b>  | <b>Estimated % Trash Reduced</b> |
| Single-use Plastic Bag Ordinance or Policy   | <p><b>Description:</b> Ordinance to ban single-use plastic check-out bags originally banned plastic bags at grocery stores (2009) and was expanded to include all retail including restaurants and a fee for paper bags at retail establishments (approved May 2013). See Page 52 of Long-Term Trash Management Plan for details.</p> <p><b>Dominant Sources and Types:</b> Single Use plastic check out bags from pedestrian and vehicular sources as well as inadequate container management.</p> | <ol style="list-style-type: none"> <li>1. Store Exit Surveys: Bag surveys at grocery stores and pharmacies</li> <li>2. Large store compliance audits (31 stores)</li> <li>3. Bag Inspections for small retail and restaurants</li> <li>4. Field observations: Counting Bags at clean up events, trash boom clean up. and tracking of bags on-land</li> </ol> <p>BASMAA trash study found that plastic bags constitute 8% of litter in storm drain catch basins by volume. The City used a weight of the evidence approach including field evaluation and compliance rates (with respect to use of plastic bags only, rather than all aspects of the ordinance) to estimate the trash reduction attributable to the implementation of the bag ordinance.</p> <p>SCVURPPP initiated a Storm Drain Trash Characterization Project designed to assist in</p> | <ol style="list-style-type: none"> <li>1. Store Exit surveys show that no customers use plastic bags as a result of the ban, 41% use no bag, and 35% use reusable bags with the remainder paper, showing that paper bag use is also declining as a result of the fee.</li> <li>2. Large store compliance audits showed all stores are no longer distributing plastic bags and charging for reusable or paper</li> <li>3. Bag inspections show approximately 90% compliance for small retail and 75% for restaurants (please note that restaurant bag restrictions went into effect later than retail in November 2013)</li> <li>4. Comparing the creek clean up events between this year and last year shows an 83% reduction in plastic shopping bags found. Field observations of bags on-land show at least 90% reduction from the one-month survey prior to the expanded bag ordinance and a one-month period in 2014. Trash booms captured 2 bags in early fall and no bags in December 2014.</li> </ol> | 8%                               |

| <b>C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)</b>   |  |   |   |                                  |
|--|--|---|---|----------------------------------|
| Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area. |  |   |   |                                  |
| <b>Control Measure</b>   | <b>Summary Description of Control Measure &amp; Dominant Trash Sources and Types</b>   | <b>Assessment Method(s)</b>   | <b>Summary of Assessment Results To-date</b>  | <b>Estimated % Trash Reduced</b> |
|  |  | evaluating the effectiveness of product-based ordinances. The project entails removing and characterizing trash in full capture devices throughout the Santa Clara Valley. The results of this project will be available in FY 15-16 and will provide additional information on trash reductions associated with the City's ordinance.  |   |                                  |
| Expanded Polystyrene Food Service Ware Ordinance or Policy   | <p><b>Description:</b> Expanded Polystyrene (EPS) Restriction Ordinance effective since April 2010 bans all food vendors from providing prepared food in disposable food service containers made from expanded polystyrene. Please see page 53 of the Long-Term Trash Management Plan for details.</p> <p><b>Dominant Sources and Types:</b> Expanded polystyrene food service ware from pedestrian and vehicular sources, as well as inadequate container management.</p> | <ol style="list-style-type: none"> <li>1. Compliance Rate: Initial survey, routine inspections at food service establishments, and complaints.</li> <li>2. Field Observations at creek clean up events</li> </ol> <p>BASMAA trash study found that expanded polystyrene foodware constitutes 6% of litter in storm drain catch basins by volume. The City used a weight of the evidence approach including field evaluation and compliance rates to estimate the trash reduction attributable to the implementation of the EPS ordinance.</p> <p>SCVURPPP initiated a Storm</p> | <ol style="list-style-type: none"> <li>1. Initial Survey showed 95% compliance rate (2010), routine inspections and complaints have ranged from 0 to 2 since 2010. This year, one new food service establishment was found to have coffee cups with a polystyrene sleeve. The establishment is now in compliance.</li> </ol> <p>Creek Clean up events starting in 2012 tallied Styrofoam foodware vs. packaging. Foodware percentage is low compared to packaging. For Matadero Creek, foodware found is trending down from 12 EPS foodware items found in September 2012 to 4 in May 2014. Adobe Creek had a higher amount of 88 foodware items found in 2014 compared to 19 in 2013, however, it also flows through various jurisdictions</p> | 5%                               |

| <b>C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)</b>   |  |   |   |                                  |
|--|--|---|---|----------------------------------|
| Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area. |  |   |   |                                  |
| <b>Control Measure</b>   | <b>Summary Description of Control Measure &amp; Dominant Trash Sources and Types</b>   | <b>Assessment Method(s)</b>   | <b>Summary of Assessment Results To-date</b>  | <b>Estimated % Trash Reduced</b> |
|  |  | Drain Trash Characterization Project designed to assist in evaluating the effectiveness of product-based ordinances. The project entails removing and characterizing trash in full capture devices throughout the Santa Clara Valley. The results of this project will be available in FY 15-16 and will provide additional information on trash reductions associated with the City's ordinance. | that have only recently banned EPS and is therefore not indicative of Palo Alto's reductions.   |                                  |
| Other Source Control Actions with sufficient documentation and supporting assessment   | <p><b>Outdoor Smoking Ban and Cigarette Butt Outreach:</b><br/>                     The City of Palo Alto expanded its outdoor smoking ordinance in May 2015 to include all commercial areas, all outdoor eating areas, and public events.</p> <p>In addition, City of Palo Alto staff have done targeted outreach on one street had significant cigarette butt litter. Outreach included: chalk stencils with the message "no butts left behind," distribution of pocket ash trays, and letters to employers along the street alerting them to the environmental harm caused by cigarette butt litter and requesting employee education.</p> <p><b>Plastics Policies:</b> Since April 2009, the City of Palo Alto restricts use of single-use plastic products for City facilities, City-managed concessions, and</p> | <p>Cigarette butts found.</p> <p>Plastic water bottles and polystyrene packaging from</p>   | <p>According to Downtown Streets Team members who clean the area, cigarette butt litter has decreased in the downtown area.</p> <p>Outreach efforts along the pilot street have resulted in about 20% reduction so far in cigarette butts littered.</p> <p>Public events co-sponsored by the City no longer use</p> | 1%                               |

**C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)**

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

| Control Measure | Summary Description of Control Measure & Dominant Trash Sources and Types  | Assessment Method(s)               | Summary of Assessment Results To-date    | Estimated % Trash Reduced |
|-----------------|--|------------------------------------|--|---------------------------|
|                 | <p>City sponsored events. In addition to single use plastic bags and polystyrene, this policy covers single use plastic water containers. The City purchased two water stations to fill reusable bottles at City and City sponsored events.</p> <p>In addition, Palo Alto collaborated with Sunnyvale and San Jose to disallow goods to be shipped to the City using expanded polystyrene packaging.</p> | <p>City facilities and events.</p> | <p>single-use plastic water bottles.</p> |                           |

**C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)**

Complete the following trash control measure implementation and assessment summary for each primary trash management area (TMA) identified in your Long-term Plan. Include the following information:

- Identify the total jurisdictional area and the % of that area that generated very high (VH), high (H), moderate (M), or low (L) levels of trash in 2009, as depicted on trash generation maps;
- Identify the dominant trash source(s) and dominant type(s) of trash addressed or to-be addressed in the TMA;
- Provide the area currently treated by full capture devices, the quantity and type of devices installed to-date, and the % and acres of jurisdictional area in very high (VH), high (H), moderate (M), and low (L) generation categories that are currently treated by full capture devices in the TMA;
- Summarize control measures other than full capture devices implemented to-date, distinguishing between implementation that began pre- and post-MRP effective date. If not implemented in the entire TMA, describe generation category targeted and % of TMA addressed;
- Provide the acres of jurisdictional area in very high (VH), high (H), moderate (M), and low (L) generation categories in areas associated with actions other than full capture devices in the TMA;
- Describe the methods used to evaluate the effectiveness of control measures other than full capture devices, and any assessment results to-date. If the method was not implemented in the entire TMA, describe generation category targeted and %of TMA addressed.
- Provide the acres in VH, H, M or L generation categories after accounting for reduction associated with control measures other than full capture devices;
- Provide the acres in VH, H, M or L generation categories after accounting for reductions associated with ALL control measures (i.e., full capture and other actions) implemented to-date in the TMA
- Provide an estimate of the % of trash reduced in the TMA as a result of ALL control measures implemented to-date in the TMA. using the following formula:

$$\% \text{ Reduction} = 100 [(12A_{VH(2009)} + 4A_{H(2009)} + A_{M(2009)}) - (12A_{VH} + 4A_H + A_M)] / (12A_{VH2009} + 4A_{H2009} + A_{M2009})$$

where:

- $A_{VH(2009)}$  = total amount of the 2009 very high trash generation category in jurisdictional area
- $A_{H(2009)}$  = total amount of the 2009 high trash generation category in jurisdictional area
- $A_{M(2009)}$  = total amount of the 2009 moderate trash generation category in jurisdictional area
- $A_{VH}$  = total amount of very high trash generation category in jurisdictional area in the reporting year
- $A_H$  = total amount of high trash generation category in jurisdictional area in the reporting year
- $A_M$  = total amount of moderate trash generation category in jurisdictional area in the reporting year
- 12 = Very High to Moderate weighing ratio
- 4 = High to Moderate weighing ratio
- 100 = fraction to percentage conversion factor

| C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions) |   |   |                |  |   |    |     |    |
|--|---|---|----------------|--|---|----|-----|----|
| TMA ID   | TMA Area (Acres)  | Dominant Sources                                | Dominant Types |  | Area (Acres) in Each Trash Generation Category                        |    |     |    |
|  |   |   |                |  | VH  | H  | M   | L  |
| 1<br>(Downtown)  | 184   | Primarily pedestrian litter                     | All types      | Baseline Generation Areas (2009)         | 0   | 11 | 140 | 32 |
| Full Capture Devices   | Area Treated by Full Trash Capture Devices (Acres)  | Quantity and Type of Full Trash Capture Devices |                | Area Treated by Full Capture Devices     | 0   | 0  | 1   | 0  |
|  | 1   | This TMA has: 2 Hydrodynamic Separators.        |                |  |   |    |     |    |
| Actions other than Full Capture Devices  | Summary Description of Other Actions Implemented in the TMA Since MRP Adoption <sup>1</sup>   |   |                | Area Not Treated by Full Capture Devices | 0   | 11 | 139 | 32 |
|  | <ol style="list-style-type: none"> <li>Street Sweeping three times per week (except Subarea 1B) with dedicated staff walking ahead of sweepers to blow trash and debris from sidewalks and behind parking stops and tree wells into the street. Parking lots swept weekly. Subarea 1B is swept weekly during leaf season and every other week during the summer months with parking enforcement in place.</li> <li>On-land clean up: Downtown Streets Team picks up litter and debris 7 days per week in the business improvement district (area 1A). Restaurants applying for encroachment permit for tables and chairs must keep outdoor seating areas clean. Landscaping contractor pick up litter and debris in landscaping areas twice per week and in two downtown parks every weekday. Sidewalks are swept using a small scale sweeper daily and steam cleaned by a BASMAA certified cleaner monthly.</li> <li>Improved Trash bin/container management and commercial inspection program: Public Litter cans, commercial stormwater inspections including litter, requirements for new development to have trash enclosures. The City's Zero Litter Initiative Right Size/Right Service pilot area is in this TMA with increased outreach and enforcement for overflowing containers.</li> <li>Partial capture: the City's diversion structure to the Regional Water Quality Control Plant is partially located in this TMA</li> </ol> |   |                |  | Area after Accounting for Other Actions (based on assessment results) | 0  | 2   | 20 |

<sup>1</sup> The City of Palo Alto began implementing trash reduction strategies following a Regional Board staff report regarding the State's 2002 303(d) listing update relating to trash. Therefore, the description of control measures implemented will include those implemented or enhanced following the 2002 trash listing, using 2002 as a baseline instead of 2009.

|  |  |     |   |    |     |
|--|--|-----|---|----|-----|
| <b>Assessment Methods for Control Measures Other than Full Capture Devices</b>   |  |     |   |    |     |
| <p>To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Palo Alto conducted 65 visual assessments at 55 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 60,200 linear feet of streets and sidewalks were assessed.</p> |  |     |   |    |     |
| <b>Summary of Assessment Results</b>   |  |     |   |    |     |
| <p>A total of 25 assessments were performed at 19 sites in this TMA using the on-land visual assessment protocol. Approximately 22,200 linear feet (43%) of streets and sidewalks were assessed in this TMA. Only areas with M, H, or VH generation rates were assessed. For those areas assessed, 86% were L, 13% were M, 1% were H, and 0% were VH.</p>  |  |     |   |    |     |
| <b>Area After Taking into Account Full Capture Devices AND Other Actions</b>   |  | 0   | 2 | 20 | 161 |
| <b>Estimated % Trash Reduction in this TMA</b>   |  | 84% |   |    |     |

| C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions) |   |  |                |   |  |   |     |     |
|--|---|--|----------------|---|--|---|-----|-----|
| TMA ID   | TMA Area (Acres)  | Dominant Sources   | Dominant Types |   | Area (Acres) in Each Trash Generation Category |   |     |     |
|  |   |  |                |   | VH   | H | M   | L   |
| 2<br>(California Ave Business District)  | 153   | Primarily Pedestrian Litter                              | All types      | Baseline Generation Areas (2009)                                      | 0  | 1 | 118 | 35  |
| Full Capture Devices   | Area Treated by Full Trash Capture Devices (Acres)  | Quantity and Type of Full Trash Capture Devices          |                | Area Treated by <u>Full Capture Devices</u>                           | 0  | 0 | 0   | 0   |
|  | 0   | There are no full capture devices installed in this TMA. |                |   |  |   |     |     |
| Actions other than Full Capture Devices  | Summary Description of Other Actions Implemented in the TMA Since MRP Adoption <sup>2</sup>   |  |                | Area Not Treated by Full Capture Devices                              | 0  | 1 | 118 | 35  |
|  | <ol style="list-style-type: none"> <li>Street Sweeping three times per week (except for a small primarily residential area), parking lots swept weekly.</li> <li>On-land clean up: City staff and contractors pick up litter and debris in landscaping twice per week, medians at California Avenue daily, tree wells weekly, and the Caltrain Station roundabout weekly. A park in the area has daily litter pick up.</li> <li>Improved Trash bin/container management and commercial inspection program: Public Litter cans, commercial stormwater inspections including litter, requirements for new development to have trash enclosures</li> </ol>   |  |                | Area after Accounting for Other Actions (based on assessment results) | 0  | 0 | 39  | 114 |
|  | Assessment Methods for Control Measures Other than Full Capture Devices   |  |                |   |  |   |     |     |
|  | To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Palo Alto conducted 65 visual assessments at 55 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 60,200 linear feet of streets and sidewalks were assessed. |  |                |   |  |   |     |     |

<sup>2</sup> The City of Palo Alto began implementing trash reduction strategies following a Regional Board staff report regarding the State's 2002 303(d) listing update relating to trash. Therefore, the description of control measures implemented will include those implemented or enhanced following the 2002 trash listing, using 2002 as a baseline instead of 2009.

|  |   |    |     |  |
|--|---|----|-----|--|
| <b>Summary of Assessment Results</b>   |   |    |     |  |
| A total of 14 assessments were performed at 14 sites in this TMA using the on-land visual assessment protocol. Approximately 14,600 linear feet (37%) of streets and sidewalks were assessed in this TMA. Only areas with M, H, or VH generation rates were assessed. For those areas assessed, 67% were L, 33% were M, 0% were H, and 0% were VH. |   |    |     |  |
| <b>Area After Taking into Account Full Capture Devices AND Other Actions</b>   |   |    |     |  |
| 0  | 0 | 39 | 114 |  |
| <b>Estimated % Trash Reduction in this TMA</b>   |   |    |     |  |
| 68%  |   |    |     |  |

| <b>C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)</b> |   |  |                |                                  |  |    |    |    |   |
|---|---|--|----------------|----------------------------------|--|----|----|----|---|
| TMA ID  | TMA Area (Acres)  | Dominant Sources   | Dominant Types |                                  | Area (Acres) in Each Trash Generation Category                       |    |    |    |   |
|   |   |  |                |                                  | VH   | H  | M  | L  |   |
| 3<br>(Town and Country)   | 21  | Primarily Pedestrian Litter                              | All Types      | Baseline Generation Areas (2009) | 0  | 19 | 2  | 0  |   |
| Full Capture Devices  | Area Treated by Full Trash Capture Devices (Acres)  | Quantity and Type of Full Trash Capture Devices          |                |                                  | Area Treated by <u>Full Capture Devices</u>                          | 0  | 0  | 0  | 0 |
|   | 0   | There are no full capture devices installed in this TMA. |                |                                  |  |    |    |    |   |
| Actions other than Full Capture Devices   | Summary Description of Other Actions Implemented in the TMA Since MRP Adoption <sup>3</sup>   |  |                |                                  | Area <u>Not</u> Treated by Full Capture Devices                      | 0  | 19 | 2  | 0 |
|   | 1. Street sweeping weekly during leaf season, every other week during summer months<br>2. On-land clean up: Weekly in landscaping at perimeter, daily by shopping center staff<br>3. Partial Capture: wet well at Embarcadero Road and C.3 devices at the shopping center<br>4. Improved trash bins/container management and commercial inspection program: Extensive effort on right size/right service for shopping center waste. Trash enclosures built as part of new |  |                |                                  | Area after Accounting for <u>Other Actions</u> (based on assessment) | 0  | 3  | 11 | 8 |

<sup>3</sup> The City of Palo Alto began implementing trash reduction strategies following a Regional Board staff report regarding the State's 2002 303(d) listing update relating to trash. Therefore, the description of control measures implemented will include those implemented or enhanced following the 2002 trash listing, using 2002 as a baseline instead of 2009.

|  |          |     |   |    |   |   |  |  |  |  |
|--|----------|-----|---|----|---|---|--|--|--|--|
| development at the site. Litter bins maintained by shopping center. Active commercial inspection program including litter. | results) |     |   |    |   |   |  |  |  |  |
|  |          |     |   |    |   | <b>Assessment Methods for Control Measures Other than Full Capture Devices</b>  |  |  |  |  |
|  |          |     |   |    |   | To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Palo Alto conducted 65 visual assessments at 55 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 60,200 linear feet of streets and sidewalks were assessed. |  |  |  |  |
|  |          |     |   |    |   | <b>Summary of Assessment Results</b>  |  |  |  |  |
|  |          |     |   |    |   | A total of 6 assessments were performed at 3 sites in this TMA using the on-land visual assessment protocol. Approximately 3,100 linear feet (74%) of streets and sidewalks were assessed in this TMA. Only areas with M, H, or VH generation rates were assessed. For those areas assessed, 36% were L, 50% were M, 15% were H, and 0% were VH.  |  |  |  |  |
| <b>Area After Taking into Account Full Capture Devices AND Other Actions</b>   |          | 0   | 3 | 11 | 8 |   |  |  |  |  |
| <b>Estimated % Trash Reduction in this TMA</b>   |          | 71% |   |    |   |   |  |  |  |  |

| <b>C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)</b> |  |   |                |                                      |  |   |    |     |
|---|--|---|----------------|--------------------------------------|--|---|----|-----|
| TMA ID  | TMA Area (Acres)                                   | Dominant Sources                                | Dominant Types |                                      | Area (Acres) in Each Trash Generation Category |   |    |     |
|   |  |   |                |                                      | VH   | H | M  | L   |
| 4<br>(El Camino Way Area)   | 164  | Pedestrian and vehicular litter                 | All Types      | Baseline Generation Areas (2009)     | 0  | 8 | 26 | 129 |
| Full Capture Devices  | Area Treated by Full Trash Capture Devices (Acres) | Quantity and Type of Full Trash Capture Devices |                | Area Treated by Full Capture Devices | 0  | 8 | 26 | 129 |
|   | 163  | This TMA has: 3 Hydrodynamic Separators.        |                |                                      |  |   |    |     |

|   |   |  |  |  |   |   |   |     |   |
|---|---|--|--|--|---|---|---|-----|---|
| Actions other than Full Capture Devices                               | Summary Description of Other Actions Implemented in the TMA Since MRP Adoption  |  |  |  | Area <u>Not</u> Treated by Full Capture Devices                       | 0 | 0 | 0   | 0 |
|   | 1. Street sweeping: weekly on El Camino, every other week during summer months in remaining area and weekly during leaf season.<br>2. On-land clean up: along El Camino landscaping and at Los Robles Park weekly.<br>3. Improved trash bins/container management and commercial inspection program: public litter cans, new development requirements for trash enclosures, inspection program for restaurants.   |  |  |  | Area after Accounting for Other Actions (based on assessment results) | 0 | 0 | 0   | 0 |
|   | Assessment Methods for Control Measures Other than Full Capture Devices   |  |  |  |   |   |   |     |   |
|   | To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Palo Alto conducted 65 visual assessments at 55 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 60,200 linear feet of streets and sidewalks were assessed. |  |  |  |   |   |   |     |   |
|   | Summary of Assessment Results   |  |  |  |   |   |   |     |   |
|   | No assessments were conducted in this TMA   |  |  |  |   |   |   |     |   |
| Area After Taking into Account Full Capture Devices AND Other Actions |   |  |  |  | 0   | 0 | 0 | 164 |   |
| Estimated % Trash Reduction in this TMA                               |   |  |  |  | 100%  |   |   |     |   |

| C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions) |                  |   |                |                                  |  |   |     |    |
|--|------------------|---|----------------|----------------------------------|--|---|-----|----|
| TMA ID   | TMA Area (Acres) | Dominant Sources                                  | Dominant Types |                                  | Area (Acres) in Each Trash Generation Category |   |     |    |
|  |                  |   |                |                                  | VH   | H | M   | L  |
| 5<br>(El Camino)   | 169              | Vehicular, pedestrian litter, and illegal dumping | All Types      | Baseline Generation Areas (2009) | 0  | 4 | 154 | 11 |

| Full Capture Devices  | Area Treated by Full Trash Capture Devices (Acres)  | Quantity and Type of Full Trash Capture Devices | Area Treated by Full Capture Devices                                  | 0 | 1   | 1   | 0  |
|---|---|---|---|---|-----|-----|----|
|   | 2   | This TMA has: 1 Hydrodynamic Separator.         |   |   |     |     |    |
| Actions other than Full Capture Devices                               | Summary Description of Other Actions Implemented in the TMA Since MRP Adoption <sup>4</sup>   |   | Area Not Treated by Full Capture Devices                              | 0 | 3   | 154 | 11 |
|   | 1. Street sweeping: weekly<br>2. On-land clean up: weekly pick up of litter and debris in landscaping areas along El Camino<br>3. Improved trash bins/container management and commercial inspection program: Bus stop litter cans maintained by VTA, Clean Bay Business program for vehicle service facilities, restaurant inspection program, new commercial/multi-family development must provide trash enclosure  |   | Area after Accounting for Other Actions (based on assessment results) | 0 | 8   | 128 | 31 |
|   | Assessment Methods for Control Measures Other than Full Capture Devices   |   |   |   |     |     |    |
|   | To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Palo Alto conducted 65 visual assessments at 55 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 60,200 linear feet of streets and sidewalks were assessed. |   |   |   |     |     |    |
|   | Summary of Assessment Results   |   |   |   |     |     |    |
|   | A total of 5 assessments were performed at 5 sites in this TMA using the on-land visual assessment protocol. Approximately 5,200 linear feet (14%) of streets and sidewalks were assessed in this TMA. Only areas with M, H, or VH generation rates were assessed. For those areas assessed, 16% were L, 79% were M, 5% were H, and 0% were VH.   |   |   |   |     |     |    |
| Area After Taking into Account Full Capture Devices AND Other Actions |   |   | 0   | 8 | 128 | 33  |    |
| Estimated % Trash Reduction in this TMA                               |   |   | 6%  |   |     |     |    |

<sup>4</sup> The City of Palo Alto began implementing trash reduction strategies following a Regional Board staff report regarding the State's 2002 303(d) listing update relating to trash. Therefore, the description of control measures implemented will include those implemented or enhanced following the 2002 trash listing, using 2002 as a baseline instead of 2009.

| C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions) |   |  |                |   |  |   |    |    |
|--|---|--|----------------|---|--|---|----|----|
| TMA ID   | TMA Area (Acres)  | Dominant Sources   | Dominant Types |   | Area (Acres) in Each Trash Generation Category |   |    |    |
|  |   |  |                |   | VH   | H | M  | L  |
| 6<br>(Stanford Shopping Center)  | 72  | Pedestrian and Vehicular Litter                          | All Types      | Baseline Generation Areas (2009)                                      | 0  | 0 | 72 | 0  |
| Full Capture Devices   | Area Treated by Full Trash Capture Devices (Acres)  | Quantity and Type of Full Trash Capture Devices          |                | Area Treated by <u>Full Capture Devices</u>                           | 0  | 0 | 0  | 0  |
|  | 0   | There are no full capture devices installed in this TMA. |                |   |  |   |    |    |
| Actions other than Full Capture Devices  | Summary Description of Other Actions Implemented in the TMA Since MRP Adoption <sup>5</sup>   |  |                | Area <u>Not</u> Treated by Full Capture Devices                       | 0  | 0 | 72 | 0  |
|  | 1. Street sweeping: weekly during leaf season, every other week during summer months.<br>2. On-land clean up: Shopping center staff/contractors maintain the shopping center. Parks contractors maintain landscaping at an electrical substation on Quarry<br>3. Improved Trash bins/container management and Commercial inspection program: litter cans, trash enclosure requirements for new development, inspection of restaurants   |  |                | Area after Accounting for Other Actions (based on assessment results) | 0  | 0 | 2  | 69 |
|  | Assessment Methods for Control Measures Other than Full Capture Devices   |  |                |   |  |   |    |    |
|  | To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Palo Alto conducted 65 visual assessments at 55 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 60,200 linear feet of streets and sidewalks were assessed. |  |                |   |  |   |    |    |
| Summary of Assessment Results  |   |  |                |   |  |   |    |    |

<sup>5</sup> The City of Palo Alto began implementing trash reduction strategies following a Regional Board staff report regarding the State's 2002 303(d) listing update relating to trash. Therefore, the description of control measures implemented will include those implemented or enhanced following the 2002 trash listing, using 2002 as a baseline instead of 2009.

|  |  |  |  |     |   |   |    |
|--|--|--|--|-----|---|---|----|
| A total of 3 assessments were performed at 3 sites in this TMA using the on-land visual assessment protocol. Approximately 4,000 linear feet (39%) of streets and sidewalks were assessed in this TMA. Only areas with M, H, or VH generation rates were assessed. For those areas assessed, 97% were L, 3% were M, 0% were H, and 0% were VH. |  |  |  |     |   |   |    |
| Area After Taking into Account Full Capture Devices AND Other Actions  |  |  |  | 0   | 0 | 2 | 69 |
| Estimated % Trash Reduction in this TMA  |  |  |  | 97% |   |   |    |

| C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions) |  |  |                |   |  |   |    |   |
|--|--|--|----------------|---|--|---|----|---|
| TMA ID   | TMA Area (Acres)   | Dominant Sources   | Dominant Types |   | Area (Acres) in Each Trash Generation Category |   |    |   |
|  |  |  |                |   | VH   | H | M  | L |
| 7<br>(neighborhood shopping centers)   | 33   | Pedestrian Litter  | All Types      | Baseline Generation Areas (2009)                                      | 0  | 1 | 32 | 0 |
| Full Capture Devices   | Area Treated by Full Trash Capture Devices (Acres)   | Quantity and Type of Full Trash Capture Devices          |                | Area Treated by Full Capture Devices                                  | 0  | 0 | 0  | 0 |
|  | 0  | There are no full capture devices installed in this TMA. |                |   |  |   |    |   |
| Actions other than Full Capture Devices  | Summary Description of Other Actions Implemented in the TMA Since MRP Adoption <sup>6</sup>  |  |                | Area Not Treated by Full Capture Devices                              | 0  | 1 | 32 | 0 |
|  | <ol style="list-style-type: none"> <li>Street sweeping: Weekly during leaf season, every other week during summer months except where leaf fall requires weekly.</li> <li>On-land clean up: Parks department contractors perform clean ups at 7b and 7d. Shopping centers have staff performing clean up</li> <li>Improved trash bins/container management and commercial inspection program: litter cans, right size efforts, commercial inspection program, new development must have trash enclosures.</li> <li>C.3 features capture trash and are inspected annually.</li> </ol> |  |                | Area after Accounting for Other Actions (based on assessment results) | 0  | 1 | 32 | 0 |

<sup>6</sup> The City of Palo Alto began implementing trash reduction strategies following a Regional Board staff report regarding the State's 2002 303(d) listing update relating to trash. Therefore, the description of control measures implemented will include those implemented or enhanced following the 2002 trash listing, using 2002 as a baseline instead of 2009.

|   |  |  |    |   |    |   |
|---|--|--|----|---|----|---|
|   |  |  |    |   |    |   |
| <b>Assessment Methods for Control Measures Other than Full Capture Devices</b>  |  |  |    |   |    |   |
| To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Palo Alto conducted 65 visual assessments at 55 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 60,200 linear feet of streets and sidewalks were assessed. |  |  |    |   |    |   |
| <b>Summary of Assessment Results</b>  |  |  |    |   |    |   |
| No assessments were conducted in this TMA   |  |  |    |   |    |   |
|   |  | <b>Area After Taking into Account Full Capture Devices AND Other Actions</b> | 0  | 1 | 32 | 0 |
|   |  | <b>Estimated % Trash Reduction in this TMA</b>                               | 0% |   |    |   |

| <b>C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)</b> |  |  |                |                                      |  |   |     |    |
|---|--|--|----------------|--------------------------------------|--|---|-----|----|
| TMA ID  | TMA Area (Acres)                                   | Dominant Sources   | Dominant Types |                                      | Area (Acres) in Each Trash Generation Category |   |     |    |
|   |  |  |                |                                      | VH   | H | M   | L  |
| 8<br>(schools)  | 294  | Pedestrian Litter  | All Types      | Baseline Generation Areas (2009)     | 0  | 0 | 238 | 56 |
| Full Capture Devices  | Area Treated by Full Trash Capture Devices (Acres) | Quantity and Type of Full Trash Capture Devices          |                | Area Treated by Full Capture Devices | 0  | 0 | 0   | 0  |
|   | 0  | There are no full capture devices installed in this TMA. |                |                                      |  |   |     |    |

|  |  |  |    |     |     |    |
|--|--|--|----|-----|-----|----|
| <b>Actions other than Full Capture Devices</b>                               | <b>Summary Description of Other Actions Implemented in the TMA Since MRP Adoption<sup>7</sup></b>  | <b>Area <u>Not</u> Treated by Full Capture Devices</b>                       | 0  | 0   | 238 | 56 |
|  | <ol style="list-style-type: none"> <li>1. Street sweeping: weekly during leaf season, every other week during summer months except where leaf fall requires weekly</li> <li>2. On-land clean up: Janitorial staff pick up at school. For public middle and elementary schools, Parks Division staff maintains landscaping and collects litter on the athletic fields twice per week.</li> <li>3. Partial treatment: several private schools have C.3 devices, including vortex separator.</li> <li>4. Improved trash bins/container management and inspection program: GreenWaste, the City's hauler works with schools on right size and sorting, Watershed Protection inspected all middle and high schools (including litter issues) every 5 years</li> <li>5. Outreach: extensive outreach program to schools, including several programs focused on litter, visits to science fair, and participation in "litter walks."</li> </ol> | <b>Area after Accounting for Other Actions (based on assessment results)</b> | 0  | 0   | 238 | 56 |
|  | <b>Assessment Methods for Control Measures Other than Full Capture Devices</b>   |  |    |     |     |    |
|  | To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Palo Alto conducted 65 visual assessments at 55 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 60,200 linear feet of streets and sidewalks were assessed.  |  |    |     |     |    |
|  | <b>Summary of Assessment Results</b>   |  |    |     |     |    |
|  | No assessments were conducted in this TMA  |  |    |     |     |    |
| <b>Area After Taking into Account Full Capture Devices AND Other Actions</b> |  | 0  | 0  | 238 | 56  |    |
| <b>Estimated % Trash Reduction in this TMA</b>                               |  |  | 0% |     |     |    |

<sup>7</sup> The City of Palo Alto began implementing trash reduction strategies following a Regional Board staff report regarding the State's 2002 303(d) listing update relating to trash. Therefore, the description of control measures implemented will include those implemented or enhanced following the 2002 trash listing, using 2002 as a baseline instead of 2009.

| C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions) |   |  |                |   |  |   |     |    |
|--|---|--|----------------|---|--|---|-----|----|
| TMA ID   | TMA Area (Acres)  | Dominant Sources   | Dominant Types |   | Area (Acres) in Each Trash Generation Category |   |     |    |
|  |   |  |                |   | VH   | H | M   | L  |
| 9<br>(Parks)   | 225   | Pedestrian Litter, Illegal Dumping                       | All Types      | Baseline Generation Areas (2009)                                      | 0  | 0 | 225 | 0  |
| Full Capture Devices   | Area Treated by Full Trash Capture Devices (Acres)  | Quantity and Type of Full Trash Capture Devices          |                | Area Treated by Full Capture Devices                                  | 0  | 0 | 0   | 0  |
|  | 0   | There are no full capture devices installed in this TMA. |                |   |  |   |     |    |
| Actions other than Full Capture Devices  | Summary Description of Other Actions Implemented in the TMA Since MRP Adoption <sup>8</sup>   |  |                | Area Not Treated by Full Capture Devices                              | 0  | 0 | 225 | 0  |
|  | <ol style="list-style-type: none"> <li>Street sweeping: weekly for larger parks parking lots, streets weekly during leaf season and every other week during summer months.</li> <li>On-land clean up: parks are maintained daily (weekdays) or three times per week, depending on usage. Mayfield soccer fields are cleaned by the Downtown Streets Team.</li> <li>Improved trash bins/container management and inspection program, including new trash enclosure at the Art Center.</li> <li>Smoking Ordinance: smoking prohibited in parks, significant reduction of cigarette butts.</li> </ol>  |  |                | Area after Accounting for Other Actions (based on assessment results) | 0  | 0 | 132 | 93 |
|  | Assessment Methods for Control Measures Other than Full Capture Devices   |  |                |   |  |   |     |    |
|  | To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Palo Alto conducted 65 visual assessments at 55 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 60,200 linear feet of streets and sidewalks were assessed. |  |                |   |  |   |     |    |
| Summary of Assessment Results  |   |  |                |   |  |   |     |    |

<sup>8</sup> The City of Palo Alto began implementing trash reduction strategies following a Regional Board staff report regarding the State's 2002 303(d) listing update relating to trash. Therefore, the description of control measures implemented will include those implemented or enhanced following the 2002 trash listing, using 2002 as a baseline instead of 2009.

|  |  |     |   |     |    |
|--|--|-----|---|-----|----|
| A total of 10 assessments were performed at 10 sites in this TMA using the on-land visual assessment protocol. Approximately 10,100 linear feet (36%) of streets and sidewalks were assessed in this TMA. Only areas with M, H, or VH generation rates were assessed. For those areas assessed, 41% were L, 59% were M, 0% were H, and 0% were VH. |  |     |   |     |    |
| <b>Area After Taking into Account Full Capture Devices AND Other Actions</b>   |  | 0   | 0 | 132 | 93 |
| <b>Estimated % Trash Reduction in this TMA</b>   |  | 41% |   |     |    |

| <b>C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)</b> |   |  |                |  |  |   |     |    |
|---|---|--|----------------|--|--|---|-----|----|
| TMA ID  | TMA Area (Acres)  | Dominant Sources   | Dominant Types |  | Area (Acres) in Each Trash Generation Category |   |     |    |
|   |   |  |                |  | VH   | H | M   | L  |
| 10<br>(commercial/<br>industrial areas)   | 467   | Pedestrian litter, homeless encampment, vehicular litter | All types      | Baseline Generation Areas (2009)   | 0  | 3 | 449 | 15 |
| Full Capture Devices  | Area Treated by Full Trash Capture Devices (Acres)  | Quantity and Type of Full Trash Capture Devices          |                | Area Treated by <u>Full Capture Devices</u>                                  | 0  | 0 | 9   | 0  |
|   | 9   | This TMA has: 2 Hydrodynamic Separators.                 |                |  |  |   |     |    |
| Actions other than Full Capture Devices   | Summary Description of Other Actions Implemented in the TMA Since MRP Adoption <sup>9</sup>   |  |                | Area <u>Not</u> Treated by Full Capture Devices                              | 0  | 3 | 440 | 15 |
|   | <ol style="list-style-type: none"> <li>Street Sweeping: weekly during leaf season, every other week during summer months, except where leaf fall requires weekly</li> <li>On-Land Clean up: Areas 10 a, b, and g have weekly litter pick up. Other portions have clean up as needed</li> <li>Improved trash bins/container management and commercial inspection program: Clean Bay Business program for automotive facilities, trash enclosure requirements for new development, commercial inspection program</li> <li>Partial capture: A portion of this TMA drains to the City's diversion structure, which diverts stormwater to the POTW.</li> </ol> |  |                | Area <u>after Accounting for Other Actions</u> (based on assessment results) | 0  | 3 | 440 | 15 |

<sup>9</sup> The City of Palo Alto began implementing trash reduction strategies following a Regional Board staff report regarding the State's 2002 303(d) listing update relating to trash. Therefore, the description of control measures implemented will include those implemented or enhanced following the 2002 trash listing, using 2002 as a baseline instead of 2009.

|   |  |  |    |   |     |    |
|---|--|--|----|---|-----|----|
|   |  |  |    |   |     |    |
| <b>Assessment Methods for Control Measures Other than Full Capture Devices</b>  |  |  |    |   |     |    |
| To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Palo Alto conducted 65 visual assessments at 55 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 60,200 linear feet of streets and sidewalks were assessed. |  |  |    |   |     |    |
| <b>Summary of Assessment Results</b>  |  |  |    |   |     |    |
| No assessments were conducted in this TMA   |  |  |    |   |     |    |
|   |  | <b>Area After Taking into Account Full Capture Devices AND Other Actions</b> | 0  | 3 | 440 | 24 |
|   |  | <b>Estimated % Trash Reduction in this TMA</b>                               | 2% |   |     |    |

| <b>C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)</b> |  |  |                |                                      |  |   |    |   |
|---|--|--|----------------|--------------------------------------|--|---|----|---|
| TMA ID  | TMA Area (Acres)                                   | Dominant Sources   | Dominant Types |                                      | Area (Acres) in Each Trash Generation Category |   |    |   |
|   |  |  |                |                                      | VH   | H | M  | L |
| 11<br>(East Bayshore)   | 20   | Vehicular  | All Types      | Baseline Generation Areas (2009)     | 0  | 0 | 20 | 0 |
| Full Capture Devices  | Area Treated by Full Trash Capture Devices (Acres) | Quantity and Type of Full Trash Capture Devices          |                | Area Treated by Full Capture Devices | 0  | 0 | 0  | 0 |
|   | 0  | There are no full capture devices installed in this TMA. |                |                                      |  |   |    |   |

|   |   |  |  |   |   |    |    |   |
|---|---|--|--|---|---|----|----|---|
| Actions other than Full Capture Devices                               | Summary Description of Other Actions Implemented in the TMA Since MRP Adoption <sup>10</sup>  |  |  | Area <u>Not</u> Treated by Full Capture Devices                       | 0 | 0  | 20 | 0 |
|   | 1. Street sweeping: weekly during leaf season, every other week during summer months. Municipal Service Center is swept weekly.<br>2. On-land clean up: as needed. Two hot spot areas are in this TMA and are cleaned twice per year.<br>3. Trash booms: located in this TMA<br>4. Improved Trash Bins/container management and commercial inspection program: Municipal Service Center has a SWPPP and is inspected once per year, plus the automotive portion is inspected two additional times. Staff outreach regarding litter.   |  |  | Area after Accounting for Other Actions (based on assessment results) | 0 | 0  | 20 | 0 |
|   | Assessment Methods for Control Measures Other than Full Capture Devices   |  |  |   |   |    |    |   |
|   | To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Palo Alto conducted 65 visual assessments at 55 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 60,200 linear feet of streets and sidewalks were assessed. |  |  |   |   |    |    |   |
|   | Summary of Assessment Results   |  |  |   |   |    |    |   |
|   | No assessments were conducted in this TMA   |  |  |   |   |    |    |   |
| Area After Taking into Account Full Capture Devices AND Other Actions |   |  |  | 0   | 0 | 20 | 0  |   |
| Estimated % Trash Reduction in this TMA                               |   |  |  | 0%  |   |    |    |   |

| C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions) |                  |                  |                |  |   |   |   |
|--|------------------|------------------|----------------|--|---|---|---|
| TMA ID   | TMA Area (Acres) | Dominant Sources | Dominant Types | Area (Acres) in Each Trash Generation Category |   |   |   |
|  |                  |                  |                | VH   | H | M | L |

<sup>10</sup> The City of Palo Alto began implementing trash reduction strategies following a Regional Board staff report regarding the State's 2002 303(d) listing update relating to trash. Therefore, the description of control measures implemented will include those implemented or enhanced following the 2002 trash listing, using 2002 as a baseline instead of 2009.

|  |   |  |                                      |           |  |    |   |   |   |
|--|---|--|--------------------------------------|-----------|--|----|---|---|---|
| 12<br>(West Bayshore)  |   | 5  | Vehicular litter and illegal dumping | All types | Baseline<br>Generation<br>Areas (2009)   | 0  | 5 | 0 | 0 |
| Full Capture<br>Devices  | Area Treated by Full Trash<br>Capture Devices (Acres)   | Quantity and Type of Full Trash Capture Devices          |                                      |           | Area Treated<br>by Full<br>Capture<br>Devices  | 0  | 0 | 0 | 0 |
|  | 0   | There are no full capture devices installed in this TMA. |                                      |           |  |    |   |   |   |
| Actions other than Full Capture<br>Devices   | Summary Description of Other Actions Implemented in the TMA Since MRP Adoption <sup>11</sup>  |  |                                      |           | Area <u>Not</u><br>Treated by Full<br>Capture<br>Devices                             | 0  | 5 | 0 | 0 |
|  | 1. Street Sweeping: weekly during leaf season, every other week during other months.<br>2. On-land clean up: portion of TMA monthly, other portions as needed.<br>3. Parking prohibited: implemented parking restrictions to reduce litter from parked vehicles<br>4. Began collaboration with neighboring East Palo Alto related to illegal dumping and clean up   |  |                                      |           | Area after<br>Accounting for<br>Other Actions<br>(based on<br>assessment<br>results) |    |   |   |   |
|  | Assessment Methods for Control Measures Other than Full Capture Devices   |  |                                      |           |  |    |   |   |   |
|  | To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Palo Alto conducted 65 visual assessments at 55 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 60,200 linear feet of streets and sidewalks were assessed. |  |                                      |           |  |    |   |   |   |
|  | Summary of Assessment Results   |  |                                      |           |  |    |   |   |   |
| A total of 2 assessments were performed at 1 site in this TMA using the on-land visual assessment protocol. Approximately 1,100 linear feet (38%) of streets and sidewalks were assessed in this TMA. Only areas with M, H, or VH generation rates were assessed. For those areas assessed, 0% were L, 0% were M, 100% were H, and 0% were VH. |   |  |                                      |           |  |    |   |   |   |
| Area After Taking into Account Full Capture Devices AND Other Actions  |   |  |                                      |           |  | 0  | 5 | 0 | 0 |
| Estimated % Trash Reduction in this TMA  |   |  |                                      |           |  | 0% |   |   |   |

<sup>11</sup> The City of Palo Alto began implementing trash reduction strategies following a Regional Board staff report regarding the State's 2002 303(d) listing update relating to trash. Therefore, the description of control measures implemented will include those implemented or enhanced following the 2002 trash listing, using 2002 as a baseline instead of 2009.

| C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions) |   |   |                |   |  |   |    |        |
|--|---|---|----------------|---|--|---|----|--------|
| TMA ID   | TMA Area (Acres)  | Dominant Sources  | Dominant Types |   | Area (Acres) in Each Trash Generation Category |   |    |        |
|  |   |   |                |   | VH   | H | M  | L      |
| 13<br>(Open space and residential)   | 12,376  | Pedestrian and vehicular, inadequate container management | All types      | Baseline Generation Areas (2009)                                      | 0  | 0 | 10 | 12,366 |
| Full Capture Devices   | Area Treated by Full Trash Capture Devices (Acres)  | Quantity and Type of Full Trash Capture Devices           |                | Area Treated by <u>Full Capture Devices</u>                           | 0  | 0 | 0  | 10     |
|  | 10  | This TMA has: 3 Hydrodynamic Separators.                  |                |   |  |   |    |        |
| Actions other than Full Capture Devices  | Summary Description of Other Actions Implemented in the TMA Since MRP Adoption <sup>12</sup>  |   |                | Area Not Treated by Full Capture Devices                              | 0  | 0 | 10 | 12,357 |
|  | 1. Street Sweeping: weekly during leaf season, every other week for the summer months)<br>2. On-land clean up: some medians/landscaping maintained by Parks Division weekly in this TMA<br>3. See Jurisdiction wide measures, product bans, outreach  |   |                | Area after Accounting for Other Actions (based on assessment results) | 0  | 0 | 10 | 12,357 |
|  | Assessment Methods for Control Measures Other than Full Capture Devices   |   |                |   |  |   |    |        |
|  | To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal years 2013-2014 and 2014-15, the City of Palo Alto conducted 65 visual assessments at 55 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 60,200 linear feet of streets and sidewalks were assessed. |   |                |   |  |   |    |        |
|  | Summary of Assessment Results   |   |                |   |  |   |    |        |
| No assessments were conducted in this TMA  |   |   |                |   |  |   |    |        |

<sup>12</sup> The City of Palo Alto began implementing trash reduction strategies following a Regional Board staff report regarding the State's 2002 303(d) listing update relating to trash. Therefore, the description of control measures implemented will include those implemented or enhanced following the 2002 trash listing, using 2002 as a baseline instead of 2009.

|   |    |   |    |       |
|---|----|---|----|-------|
| Area After Taking into Account Full Capture Devices AND Other Actions | 0  | 0 | 10 | 12366 |
| Estimated % Trash Reduction in this TMA                               | 0% |   |    |       |

**C.10.d ► PART C – Estimated Overall Trash Load Reduction**

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.d – Parts A and B and receiving water cleanups not reported in C.10.b.iii.

**Discussion of Trash Reduction Estimate (including Receiving Water Cleanups):**

The trash load reduction estimates presented in this section provide the best available estimate of trash reduction from the City’s municipal separate stormwater sewer system (MS4). These estimates were developed consistent with the trash reduction framework developed in collaboration with Water Board staff in 2013-14, and the Pilot SCVURPPP Trash Assessment Strategy submitted to the Water Board in February 2014. All estimates are based on available information collected by the City, should be considered preliminary at this time, and are subject to revision by Permittees based on additional information on the effectiveness of trash controls, the magnitude and extent of trash control measure implementation, and/or the levels of trash discharged from the City’s MS4.

Trash reduction estimates were based on initial data collection efforts that began in FY 13 -14 and utilize the verified levels of baseline trash generation in the City. Reductions associated with jurisdictional-wide trash control measures, trash full capture devices, other TMA-specific control measures, and trash cleanup events in local creeks and shorelines are included. Reductions associated with jurisdictional-wide actions are based on a combination of data collection and observations applicable to the City. Reductions associated with trash full capture devices assume that trash generated in areas treated by effectively maintained devices reduce trash to a level of “no adverse impacts” to local water bodies. For control measures other than full capture devices, all reduction estimates are based on empirical observations of current trash levels (i.e., on-land visual assessments) and associated reductions in applicable trash management areas. Reductions associated with creek and shoreline cleanups are based on a portion of the amount of trash removed via these cleanups in FY 14-15, in comparison to baseline trash generation in the City. In FY 14-15, a total of 3,543 gallons of trash were removed during cleanups above and beyond those required by the MRP. For creek and shoreline cleanups, the load reduction accounting formula included in the MRP 2.0 Tentative Order was modified and used. The modified formula used in the calculation includes a 3:1 offset, as opposed to the 10:1 offset proposed in the Tentative Order. Additionally, no maximum credit was incorporated into the formula used to report the percent reduction associated with “additional creek and shoreline cleanups” reported below.

The estimated trash reduction is a relatively low conservative estimate and does not reflect how much trash is found in Palo Alto. Trash is only rarely visible on Palo Alto streets, and creek clean up events remove very moderate amounts of trash, much of which contributed by wind and other pathways and the proximity of Highway 101. Having started out as a generally clean city that values cleanliness and has been a leader in reducing litter, achieving significant reductions is challenging due to the nature of the calculations and the need to assess additional areas to ensure that the significant actions being implemented are resulting in trash reductions. Please note that due to rounding, numbers may not be additive, however, spreadsheets with detailed calculations are available.

|   |                        |
|---|------------------------|
| Estimated % Trash Reduction due to Jurisdictional-wide Actions (as Reported in C.10.d – Part A)             | 14%                    |
| Estimated % Trash Reduction in All TMAs due to Trash Full Capture Devices (as Reported in C.10.d. – Part B) | 4% (plus 17% for boom) |

| <b>C.10.d ► PART C – Estimated Overall Trash Load Reduction</b>   |            |
|---|------------|
| For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.d – Parts A and B and receiving water cleanups not reported in C.10.b.iii. |            |
| Estimated % Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Devices in All TMAs) (as Reported in C.10.d. – Part B)  | 27%        |
| <b>SubTotal for Above Actions</b>   | <b>62%</b> |
| Estimated % Trash Reduction due to Receiving Water Cleanups (All TMAs)  | 9%         |
| <b>Total Estimated % Trash Reduction FY 14-15</b>   | <b>71%</b> |

Section 11 - Provision C.11 Mercury Controls

**C.11.a.i ► Mercury Recycling Efforts**

List below or attach lists of efforts to promote, facilitate, and/or participate in collection and recycling of mercury containing devices and equipment at the consumer level (e.g., thermometers, thermostats, switches, bulbs).

The City of Palo Alto’s Household Hazardous Waste Program began in 1983, when Palo Alto became the second jurisdiction in the State to provide collection of HHW to its residents in response to community concerns about toxic wastes in the environment. On September 19, 2013, the City celebrated the opening of a new HHW drop off station at the Regional Water Quality Control Plant with added storage capacity and increased hours (now open weekly rather than only monthly) to make it more convenient for residents and small businesses to drop off HHW.

City of Palo Alto HHW Drop-off events for Palo Alto residents and businesses occur every Saturday and on the first Friday of the month. The City of Palo Alto runs and operates the HHW program including promotion of HHW drop-off events that provide residents and small businesses the opportunity to drop-off of mercury-containing devices and equipment (e.g., bulbs, thermostats, thermometers and/or switches)

In 2014, the Environmental Services Division, Zero Waste Department outreach continued to focus on the permanent Household Hazardous Waste (HHW) Station and expanded station hours. A post-card sized flyer was distributed during the first-Saturday-of-the-month events that advertised the new weekly hours and listed acceptable items, including mercury containing devices (thermometers, thermostats and switches), and fluorescent light bulbs, tubes and ballasts. This information is also available on the City’s website. Additional outreach included newspaper ads promoting the HHW Station. The Zero Waste group also maintains the “Recycle Where?” tool on the City’s website, an online database which provides information on proper disposal of waste items, including mercury-containing wastes.

Additional:

- City maintains a household hazardous waste hotline where residents can call in with questions
- Disposal option list maintained for businesses that call in with questions regarding disposal of fluorescent bulbs / also posted on City Website <http://www.cityofpaloalto.org/civicax/filebank/documents/24330>
- Santa Clara County partners with the City and with local hardware stores to collect spent fluorescent bulbs; residents can drop off spent fluorescent bulbs in Palo Alto hardware stores, the County collects and disposes of the bulbs, Palo Alto reimburses the County for disposal

**C.11.a.ii ► Mercury Collection**

Provide an estimate of the mass of mercury collected through these efforts, or provide a reference to a report containing this estimate.

The City of Palo Alto runs and operates a household hazardous program that provides residents and local businesses with the opportunity to dispose of their unwanted items weekly

| Mercury Containing Device/Equipment | Total Amount of Devices Collected (lbs) | Estimated Mass of Mercury Collected |
|-------------------------------------|---|-------------------------------------|
| Fluorescent Lamps <sup>1</sup>      | 1,385                                   |                                     |

<sup>1</sup>Only linear fluorescent lamps should be included

|   |       |                 |
|---|-------|-----------------|
| CFLs <sup>2</sup>   | 1,365 |                 |
| Mercury containing automatic switches, thermometers and novelties | 66    |                 |
| <b>Total Mass of Mercury Collected During FY 2014-2015:</b>       |       | 5 lbs estimated |

- C.11.b ▶ Monitor Methylmercury**
- C.11.c ▶ Pilot Projects to Investigate and Abate Mercury Sources in Drainages**
- C.11.d ▶ Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices**
- C.11.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit**
- C.11.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs**
- C.11.g ▶ Monitor Stormwater Mercury Pollutant Loads and Loads Reduced**
- C.11.h ▶ Fate and Transport Study of Mercury In Urban Runoff**
- C.11.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region**
- C.11.j ▶ Develop Allocation Sharing Scheme with Caltrans**

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary  
 A summary of Program and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program’s FY 14-15 Annual Report, Integrated Monitoring Report

<sup>2</sup> Only compact fluorescent lamps should be included

Section 12 - Provision C.12 PCBs Controls

**C.12.a.ii,iii ▶ Ongoing Training**

*(For FY 10-11 Annual Report and Each Annual Report Thereafter)* List below or attach description of ongoing training development and inspections for PCB identification, including documentation and referral to appropriate regulatory agencies (e.g. county health departments, Department of Toxic Substances Control, California Department of Public Health, and the Water Board) as necessary.

Description:

See the FY 14-15 Program Annual Report for a description of training at the program and/or regional level. All Palo Alto Water Quality inspectors attended the Pollutants of Concern identification training.

- C.12.b ▶ Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities**
- C.12.c ▶ Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations**
- C.12.d ▶ Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices**
- C.12.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit**
- C.12.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs**
- C.12.g ▶ Monitor Stormwater PCB Pollutant Loads and Loads Reduced**
- C.12.h ▶ Fate and Transport Study of PCBs In Urban Runoff**
- C.12.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region**

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary

A summary of Program and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 14-15 Annual Report, Integrated Monitoring Report.

In FY13/14, on behalf of the Bay Area Pollution Prevention Group (BAPPG), the City of Palo Alto funded the development of a new outreach flyer and website related to demolition, addressing multiple pollutants, and trained Building Inspection staff on what to look for. The flyer is available at the Development Center. Please see <http://baywise.org/demolition>.

Section 13 - Provision C.13 Copper Controls

**C.13.a.iii.(2) ► Training, Permitting and Enforcement Activities**

(FY 11-12 Annual Report and each Annual Report thereafter) Provide summaries of activities implemented to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction including. :

- Development of BMPs on how to manage the water during and post construction
- Requiring the use of appropriate BMPs when issuing building permits
- Educating installers and operators on appropriate BMPs
- Enforcement actions taken against noncompliance

Since January 1, 2003, architectural copper is not permitted for use in Palo Alto. A factsheet is provided at the Development Center and permit applicants are informed early in the permitting process.

In 2013/14, on behalf of the Bay Area Pollution Prevention Group (BAPPG), the City of Palo Alto funded the development of a new outreach flyer and website related to demolition, addressing multiple pollutants, and trained Building Inspection staff on what to look for. This flyer is available at the Development Center. Please see <http://baywise.org/demolition>.

In addition, the City performs outreach to pool owners regarding copper algaecides and proper disposal of pool water.

**C.13.d.iii ► Industrial Sources Copper Reduction Results**

Based upon inspection activities conducted under Provision C.4, highlight copper reduction results achieved among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed.

Summary

Industrial facilities and automotive facilities are inspected at minimum annually with particular attention paid to outdoor storage and other potential exposure of copper to storm water or drainage of water that may contain copper (such as cooling towers).

**Section 14 - Provision C.14 PBDE, Legacy Pesticides and Selenium Controls**

Note: There are no reporting requirements in the FY 14-15 Annual Report for Section C.14.

Section 15 -Provision C.15 Exempted and Conditionally Exempted Discharges

**C.15.b.iii.(1), C.15.b.iii.(2) ► Planned and Unplanned Discharges of Potable Water**

|   |                                     |     |                          |    |
|---|-------------------------------------|-----|--------------------------|----|
| Is your agency a water purveyor?  | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/> | No |
| If <b>No</b> , skip to C.15.b.vi.(2):   |                                     |     |                          |    |
| If <b>Yes</b> , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below. |                                     |     |                          |    |
| Comments:   |                                     |     |                          |    |

**C.15.b.vi.(2) ► Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering**

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:

- Promote conservation programs
- Promote outreach for less toxic pest control and landscape management
- Promote use of drought tolerant and native vegetation
- Promote outreach messages to encourage appropriate watering/irrigation practices
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

Summary:  
 The City of Palo Alto’s Utilities Department promotes water conservation as well as drought tolerant and native vegetation through several programs:

- Landscape efficiency requirements for new development  
<http://www.cityofpaloalto.org/gov/depts/utl/residents/resrebate/landscape.asp>
- Rebates and technical assistance that promote water conservation, drought tolerant landscaping, and less toxic pest management
- Workshops on water conservation, pest control, rainwater harvesting, etc.
- Demonstration Gardens at Lucie Stern Community Center and Palo Alto City Hall.
- Drought response includes eliminating landscape irrigation runoff through outreach and enforcement.

The Public Works Environmental Services Division actively promotes the Bay-Friendly Landscaping Program and the Our Water, Our World campaign to promote the use of less toxic pest management techniques and native, drought tolerant landscaping.

| <b>C.15.b.iii.(1) ► Planned Discharges of the Potable Water System</b>                             |                |                          |                   |                                       |                            |                                   |                          |                     |  |                                       |
|--|----------------|--------------------------|-------------------|---------------------------------------|----------------------------|-----------------------------------|--------------------------|---------------------|--|---------------------------------------|
| Site/ Location   | Discharge Type | Receiving Waterbody(ies) | Date of Discharge | Duration of Discharge (military time) | Estimated Volume (gallons) | Estimated Flow Rate (gallons/day) | Chlorine Residual (mg/L) | pH (standard units) | Discharge Turbidity <sup>1</sup> (NTU) | Implemented BMPs & Corrective Actions |
| Please see attached tables for a list of planned discharges from blow off and flushing in FY 14-15 |                |                          |                   |                                       |                            |                                   |                          |                     |  |                                       |
|  |                |                          |                   |                                       |                            |                                   |                          |                     |  |                                       |
|  |                |                          |                   |                                       |                            |                                   |                          |                     |  |                                       |
|  |                |                          |                   |                                       |                            |                                   |                          |                     |  |                                       |
|  |                |                          |                   |                                       |                            |                                   |                          |                     |  |                                       |
|  |                |                          |                   |                                       |                            |                                   |                          |                     |  |                                       |
|  |                |                          |                   |                                       |                            |                                   |                          |                     |  |                                       |
|  |                |                          |                   |                                       |                            |                                   |                          |                     |  |                                       |
|  |                |                          |                   |                                       |                            |                                   |                          |                     |  |                                       |

<sup>1</sup> Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

| <b>C.15.b.iii.(2) ▶ Unplanned Discharges of the Potable Water System<sup>2</sup></b> |                |                          |                   |                                    |                            |                                   |                                       |                                   |  |                                       |                             |  |                        |                              |
|--|----------------|--------------------------|-------------------|------------------------------------|----------------------------|-----------------------------------|---------------------------------------|-----------------------------------|--|---------------------------------------|-----------------------------|--|------------------------|------------------------------|
| Site/ Location   | Discharge Type | Receiving Waterbody(ies) | Date of Discharge | Discharge Duration (military time) | Estimated Volume (gallons) | Estimated Flow Rate (gallons/day) | Chlorine Residual (mg/L) <sup>3</sup> | pH (standard units) <sup>52</sup> | Discharge Turbidity (Visual) <sup>52</sup> , | Implemented BMPs & Corrective Actions | Time of discharge discovery | Regulatory Agency Notification Time <sup>4</sup> | Inspector arrival time | Responding crew arrival time |
| 3972 El Camino Real  | Main           | Barron Creek             | 9/24/14           | 14:45-15:50                        | 60,000                     |                                   | 1.5                                   | 9.2                               | Low  | Yes                                   | 14:45                       | 11:14 on 9/25/14                                 | NA                     | 14:45                        |
| 3300 Page Mill Rd  | Main           |                          | 3/25/15           | 11:45-14:45                        | 216,000                    |                                   | NA                                    | NA                                | Medium                                       | Yes                                   | 10:17                       | 13:49 on 3/26/15                                 | NA                     | 11:45                        |
| 1442 Harker  | Main           | San Francisquito Creek   | 10/31/14          | 23:38-1:38                         | 96,000                     |                                   | NA                                    | NA                                | NA   | NA                                    | 23:38                       |  | NA                     | 00:59                        |
|  |                |                          |                   |                                    |                            |                                   |                                       |                                   |  |                                       |                             |  |                        |                              |
|  |                |                          |                   |                                    |                            |                                   |                                       |                                   |  |                                       |                             |  |                        |                              |
|  |                |                          |                   |                                    |                            |                                   |                                       |                                   |  |                                       |                             |  |                        |                              |
|  |                |                          |                   |                                    |                            |                                   |                                       |                                   |  |                                       |                             |  |                        |                              |
|  |                |                          |                   |                                    |                            |                                   |                                       |                                   |  |                                       |                             |  |                        |                              |
|  |                |                          |                   |                                    |                            |                                   |                                       |                                   |  |                                       |                             |  |                        |                              |

<sup>2</sup> This table contains all of the unplanned discharges that occurred in this FY.

<sup>3</sup> Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.

<sup>4</sup>. Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

| Location                 | Water Shed<br>CreekID | Length<br>of Main | Size | Date     | Chlorine<br>Residual | Flush<br>Time<br>Start | Flush Time End | PH   | NTU | After<br>De-<br>Chlor | Flow<br>read. | Ttl. Flow | Quality | IN.   |
|--------------------------|-----------------------|-------------------|------|----------|----------------------|------------------------|----------------|------|-----|-----------------------|---------------|-----------|---------|-------|
| 3251 Hillview            |                       |                   | 12"  | 7/28/14  | 2.09                 | 8:40                   | 8:57           | 9.1  | 4   | 0                     | 800           | 13600     | c-c     | jw/dc |
| Arastradero and Coulombe |                       |                   | 8"   | 7/28/14  | 2.03                 | 9:20                   | 9:28           | 8.9  | 3   | 0                     | 600           | 4800      | c-c     | jw/dc |
| 1090 Moreno              |                       |                   | 8"   | 8/7/14   | 2.2                  | 8:44                   | 9:00           | 9.4  | 4   | 0.05                  | 600           | 9600      | o-c     | mp/tk |
| 2651 Elmdale             |                       |                   | 8"   | 8/7/14   | 2.18                 | 9:12                   | 9:20           | 9.1  | 2   | 0.02                  | 600           | 4800      | o-c     | mp/tk |
| 2319 Sierra              |                       |                   | 8"   | 8/7/14   | 1.74                 | 9:31                   | 9:47           | 9.55 | 7   | 0.05                  | 600           | 9600      | o-c     | mp/tk |
| Colorado/W.Bayshore      |                       |                   | 8"   | 8/7/14   | 1.76                 | 10:18                  | 10:45          | 9.19 | 4   | 0.03                  | 600           | 16200     | o-c     | mp/tk |
| Corporation Hyd          |                       |                   | 8"   | 8/7/14   | 2.23                 | 12:28                  | 12:57          | 9.12 | 2   | 0.05                  | 600           | 17400     | o-c     | mp/tk |
| Edgewood Hyd             |                       |                   | 8"   | 8/7/14   | 2.34                 | 13:17                  | 14:07          | 9.31 | 10  | 0.05                  | 600           | 30000     | o-c     | mp/tk |
| Edgewood/Channing        |                       |                   | 8"   | 8/7/14   | 1.75                 | 14:37                  | 15:17          | 9.01 | 4   | 0.02                  | 600           | 24000     | o-c     | mp/tk |
| MSC                      |                       |                   | 8"   | 8/11/14  | 2                    | 10:20                  | 11:34          | 9.39 | 0   | 0                     | 600           | 44400     | o-c     | mp    |
| BAylands                 |                       |                   | 8"   | 8/11/14  | 1.46                 | 10:39                  | 11:53          | 9.06 | 2   | 0.05                  | 600           | 44400     | o-c     | tk    |
| MSC                      |                       |                   | 8"   | 9/2/14   | 2.36                 | 9:00                   | 10:20          | 8.8  | 18  | 0                     | 600           | 48000     | y-c     | mt/mp |
| Baaylands                |                       |                   | 8"   | 9/2/14   | 2.34                 | 10:33                  | 12:01          | 9    | 8   | 0.05                  | 600           | 52800     | c-c     | mt/mp |
| 393 Whitchlem            |                       |                   | 6"   | 9/22/14  | 2.93                 | 11:15                  | 11:40          | 9.1  | 7   | 0                     | 450           | 11250     | o-c     | dc    |
| 397 college              |                       |                   | 10"  | 10/28/14 | 2.71                 | 12:05                  | 12:25          | 9.1  | 14  | 0                     | 600           | 12000     | b-c     | dc    |
| edgewood & channing      |                       |                   | 8"   | 11/7/14  | 2.46                 | 12:30                  | 13:34          | 9.5  | 7   | 0.02                  | 400           | 25600     | b-c     | jw/dc |
| 4290 wilkie ave          |                       |                   | 6"   | 11/18/14 | 2.91                 | 11:45                  | 12:35          | 9.4  | 5   | 0.02                  | 250           | 12500     | b-c     | jw/tk |
| baylands                 |                       |                   | 8"   | 11/18/14 | 2.43                 | 13:07                  | 13:45          | 9.5  | 1   | 0                     | 400           | 15200     | c-c     | jw/tk |
| e. bayshore              |                       |                   | 10"  | 11/18/14 | 2.3                  | 14:05                  | 14:30          | 9.9  | 5   | 0.04                  | 600           | 15000     | y-c     | jw/tk |
| parkside/scripps         |                       |                   | 6"   | 11/12/14 | 2.9                  | 8:03                   | 9:21           | 9.2  | 11  | 0                     | 400           | 31200     | y-c     | dc/jw |
| lytton/fulton            |                       |                   | 8"   | 11/13/14 | 2.87                 | 8:55                   | 10:00          | 9.3  | 7   | 0.03                  | 600           | 39000     | y-c     | dc/jw |
| lytton/fulton            |                       |                   | 8"   | 12/2/14  | 2.79                 | 9:45                   | 10:20          | 9.1  | 11  | 0                     | 450           | 15750     | y-c     | dc/jw |
| military/magnolia        |                       |                   | 6"   | 12/2/14  | 2.88                 | 11:30                  | 12:05          | 9.4  | 6   | 0                     | 300           | 10500     | y-c     | dc/jw |
| wilkie/whitclem          |                       |                   | 6"   | 12/2/14  | 2.61                 | 13:25                  | 13:30          | 9.4  | 0   | 0                     | 300           | 1500      | y-c     | dc/jw |
| college/birch            |                       |                   | 10"  | 12/2/14  | 2.48                 | 14:00                  | 14:10          | 9    | 1   | 0                     | 600           | 6000      | y-c     | dc/jw |
| 3641 louis               |                       |                   | 12"  | 12/29/14 | 1.48                 | 12:10                  | 13:00          | 9.3  | 4   | 0                     | 800           | 40000     | y-c     | dc/jw |
| 3250 w. bayshore         |                       |                   | 8"   | 12/29/14 | 1.91                 | 13:10                  | 13:40          | 9.4  | 1   | 0                     | 800           | 24000     | y-c     | dc/jw |
| colorado/middlefield     |                       |                   | 12"  | 12/29/14 | 2.54                 | 8:15                   | 8:45           | 9.7  | 3   | 0.3                   | 600           | 18000     | b-c     | jw    |
| colorado/ross            |                       |                   | 6"   | 12/29/14 | 2.14                 | 8:05                   | 9:40           | 9.9  | 11  | 0.2                   | 400           | 38000     | b-c     | jw    |
| colorado/lois            |                       |                   | 6"   | 12/29/14 | 1.41                 | 9:55                   | 11:20          | 9.7  | 8   | 0.05                  | 500           | 42500     | b-c     | jw    |
| w. bayshore/loma verde   |                       |                   | 8"   | 12/29/14 | 0.75                 | 12:05                  | 13:05          | 9.8  | 2   | 0                     | 700           | 42000     | b-c     | jw    |
| 3077 greer               |                       |                   | 8"   | 12/29/14 | 1.65                 | 14:15                  | 15:15          | 9.9  | 11  | 0.06                  | 600           | 36000     | b-c     | jw    |
| 610 los trancos          |                       |                   | 8"   | 12/30/14 | 1.79                 | 8:20                   | 8:50           | 9.7  | 3   | 0                     | 1000          | 30000     | b-c     | jw    |
| 26026 scarff             |                       |                   | 6"   | 12/30/14 | 1.89                 | 10:00                  | 10:45          | 9.8  | 12  | 0                     | 700           | 31500     | b-c     | jw    |
| 888 robb                 |                       |                   | 6"   | 12/30/14 | 2.71                 | 11:00                  | 11:15          | 9.8  | 9   | 0                     | 300           | 4500      | b-c     | jw    |
| 3545 ramona              |                       |                   | 6"   | 12/2/14  | 2.82                 | 9:15                   | 10:43          | 9.86 | 4   | 0.05                  | 300           | 26400     | b-c     | mp/mt |
| 381 lincoln              |                       |                   | 6"   | 10/9/14  | 2.56                 | 13:24                  | 15:06          | 9.67 | 0   | 0                     | 300           | 30600     | b-c     | mt/tk |
| addison @ waverley       |                       |                   | 6"   | 12/12/14 | 2.62                 | 10:15                  | 11:33          | 9.34 | 9   | 0.05                  | 300           | 23400     | o-c     | mt/tk |
| 720 los trancos          |                       |                   | 6"   | 12/16/14 | 1.46                 | 8:30                   | 10:25          | 8.06 | 19  | 0                     | 300           | 34500     | o-c     | mt/tk |
| 708 los trancos          |                       |                   | 6"   | 12/16/14 | 0.87                 | 10:35                  | 12:47          | 9.24 | 1   | 0                     | 300           | 39600     | o-c     | mt/tk |
| 610 los trancos          |                       |                   | 6"   | 12/16/14 | 0.52                 | 13:01                  | 15:30          | 9.85 | 5   | 0                     | 300           | 44700     | o-c     | mt/tk |
| 610 los trancos          |                       |                   | 6"   | 12/17/14 | 0.88                 | 8:00                   | 9:30           | 9.59 | 0   | 0                     | 300           | 27000     | o-c     | mt/tk |
| Colorado/W.Bayshore      |                       |                   | 8"   | 12/30/14 | 1.08                 | 7:39                   | 9:11           | 9.07 | 4   | 0.02                  | 500           | 46000     | o-c     | mp    |
| colorado simpkins        |                       |                   | 6"   | 12/30/14 | 1.3                  | 9:30                   | 11:10          | 9.01 | 3   | 0                     | 300           | 30000     | o-c     | mp    |
| moreno/indian            |                       |                   | 6"   | 12/30/14 | 1.51                 | 12:40                  | 14:30          | 9.19 | 3   | 0                     | 300           | 33000     | o-c     | mp    |
| alester/dana             |                       |                   | 6"   | 12/30/14 | 1.75                 | 14:50                  | 15:23          | 9.31 | 17  | 0                     | 300           | 9900      | o-c     | mp    |
| miranda ct/miranda       |                       |                   | 6"   | 12/31/14 | 2.56                 | 7:55                   | 9:05           | 10   | 1   | 0.01                  | 300           | 21000     | o-c     | mp    |

| Location              | Water Shed<br>CreekID | Length<br>of Main | Size | Date     | Chlorine<br>Residual | Flush<br>Time<br>Start | Flush Time End | PH   | NTU | After<br>De-<br>Chlor | Flow<br>read. | Ttl. Flow | Quality | IN. |
|-----------------------|-----------------------|-------------------|------|----------|----------------------|------------------------|----------------|------|-----|-----------------------|---------------|-----------|---------|-----|
| driftwood/evergreen   |                       |                   | 6"   | 12/31/14 | 0.77                 | 10:10                  | 11:20          | 9.12 | 2   | 0                     | 300           | 21000     | o-c     | mp  |
| tailsman/arbutus      |                       |                   | 6"   | 12/31/14 | 1.17                 | 12:35                  | 13:35          | 9.21 | 1   | 0                     | 300           | 18000     | o-c     | mp  |
| baylands              |                       |                   | 8"   | 12/31/14 | 2:52                 | 14:10                  | 14:35          | 8.91 | 0   | 0                     | 600           | 15000     | c-c     | mp  |
| colorado @ greer park |                       |                   | 8"   | 12/31/14 | 1.3                  | 8:50                   | 9:40           | 9.9  | 2   | 0                     | 400           | 20000     | c-c     | jw  |
| david/stelling        |                       |                   | 6"   | 12/31/14 | 1.4                  | 10:05                  | 10:50          | 9.8  | 9   | 0                     | 600           | 27000     | b-c     | jw  |
| 871 rourke way        |                       |                   | 6"   | 12/31/14 | 1.19                 | 12:35                  | 13:35          | 10   | 17  | 0                     | 500           | 30000     | b-c     | jw  |
| corona/ross           |                       |                   | 6"   | 12/31/14 | 1.58                 | 13:50                  | 14:35          | 9.8  | 16  | 0                     | 300           | 13500     | b-c     | jw  |
| 3599 ross             |                       |                   | 6"   | 12/29/14 | 1.84                 | 10:20                  | 11:00          | 9.85 | 3   | 0.09                  | 300           | 12000     | y-c     | tk  |
| 1000 maddux           |                       |                   | 6"   | 12/30/14 | 1.33                 | 14:21                  | 15:20          | 9.86 | 0   | 0                     | 300           | 17700     | o-c     | tk  |
| Clara dr              |                       |                   | 6"   | 12/30/14 | 1.56                 | 13:24                  | 14:00          | 9.92 | 1   | 0.02                  | 300           | 10800     | y-c     | tk  |
| 1035 e. meadow        |                       |                   | 8"   | 12/30/14 | 1.9                  | 8:00                   | 9:55           | 10   | 3   | 0.05                  | 400           | 46000     | b-c     | tk  |

| Location                 | Water Shed<br>CreekID | Length<br>of Main | Size | Date    | Chlorine<br>Residual | Flush<br>Time<br>Start | Flush Time End | PH   | NTU | After<br>De-<br>Chlor | Flow<br>read. | Ttl. Flow | Quality | IN.   |
|--------------------------|-----------------------|-------------------|------|---------|----------------------|------------------------|----------------|------|-----|-----------------------|---------------|-----------|---------|-------|
| richardson/murray        |                       |                   | 6"   | 1/2/15  | 1.03                 | 8:35                   | 9:10           | 9.6  | 9   | 0.04                  | 500           | 17500     | b-c     | jw    |
| evergreen/talsman        |                       |                   | 6"   | 1/2/15  | 0.73                 | 9:35                   | 9:50           | 9.6  | 5   | 0.00                  | 500           | 7500      | b-c     | jw    |
| driftwood/arbutus        |                       |                   | 6"   | 1/2/15  | 0.89                 | 10:05                  | 10:15          | 9.6  | 4   | 0                     | 400           | 4000      | c-c     | jw    |
| ames/cork oak            |                       |                   | 6"   | 1/2/15  | 1.06                 | 10:35                  | 11:00          | 9.4  | 10  | 0.03                  | 400           | 10000     | b-c     | jw    |
| ames/holly oak           |                       |                   | 6"   | 1/2/15  | 1.1                  | 11:10                  | 11:30          | 9.3  | 5   | 0.06                  | 400           | 8000      | y-c     | jw    |
| van auken                |                       |                   | 6"   | 1/2/15  | 1.2                  | 12:55                  | 13:30          | 9.3  | 10  | 0                     | 500           | 17500     | b-c     | jw    |
| moffett circle           |                       |                   | 6"   | 1/5/12  | 1.09                 | 9:15                   | 9:30           | 9.6  | 5   | 0                     | 600           | 9000      | b-c     | jw/dc |
| metro circle             |                       |                   | 6"   | 1/5/15  | 0.82                 | 9:45                   | 9:55           | 9.6  | 3   | 0                     | 600           | 6000      | b-c     | jw/dc |
| e. meadow circle         |                       |                   | 8"   | 1/5/15  | 1.3                  | 10:07                  | 10:50          | 9.7  | 6   | 0                     | 900           | 38700     | c-c     | jw/dc |
| morris                   |                       |                   | 6"   | 1/5/15  | 0.61                 | 11:45                  | 12:15          | 9.6  | 8   | 0                     | 900           | 27000     | b-c     | jw/dc |
| stockton                 |                       |                   | 6"   | 1/5/15  | 0.96                 | 12:25                  | 12:47          | 9.7  | 6   | 0                     | 500           | 11000     | y-c     | jw/dc |
| vernon terrace           |                       |                   | 6"   | 1/5/15  | 0.7                  | 14:00                  | 14:45          | 9.7  | 3   | 0.03                  | 600           | 27000     | y-c     | jw/dc |
| w. bayshore ave 3600 blk |                       |                   | 8"   | 1/5/15  | 0.45                 | 14:55                  | 15:30          | 9.7  | 3   | 0                     | 600           | 21000     | b-c     | jw/dc |
| los trancos              |                       |                   | 8"   | 1/6/15  | 1.78                 | 8:30                   | 9:15           | 9.8  | 2   | 0                     | 800           | 36000     | c-c     | jw/dc |
| ferne/alma               |                       |                   | 6"   | 1/6/15  | 2.65                 | 12:20                  | 12:28          | 9.5  | 3   | 0                     | 600           | 4800      | b-c     | jw/dc |
| san antonio ave          |                       |                   | 16"  | 1/6/15  | 2.81                 | 12:34                  | 12:40          | 9    | 3   | 0                     | 400           | 2400      | c-c     | jw/dc |
| golf maintenance yard    |                       |                   | 10"  | 1/6/15  | 1.95                 | 8:40                   | 10:10          | 9.04 | 8   | 0.12                  | 400           | 36000     | o-c     | mt/tk |
| airport blow off         |                       |                   | 2"   | 1/6/15  | 1.62                 | 10:20                  | 10:57          | 8.64 | 0   | 0.06                  | 200           | 7400      | y-c     | mt/tk |
| MSC                      |                       |                   | 8"   | 1/6/15  | 1.16                 | 11:45                  | 13:33          | 7.46 | 5   | 0.06                  | 400           | 43200     | b-c     | mt/tk |
| transport ave            |                       |                   | 6"   | 1/6/15  | 1.52                 | 15:00                  | 15:20          | 9.46 | 4   | 0.07                  | 400           | 8000      | o-c     | mt/tk |
| 4151 middlefield         |                       |                   | 8"   | 1/6/15  | 2.73                 | 12:47                  | 13:40          | 9.7  | 9   | 0                     | 800           | 42400     | b-c     | jw/dc |
| 3960 fabian              |                       |                   | 14"  | 1/6/15  | 2.68                 | 13:52                  | 13:58          |      |     |                       | 300           | 1800      | b-c     | jw/dc |
| 3750 w.bayshore          |                       |                   | 8"   | 1/6/15  | 0.8                  | 14:05                  | 14:13          |      |     |                       | 200           | 1600      | b-c     | jw/dc |
| e.meadow/fabian          |                       |                   | 12"  | 1/7/15  | 0.51                 | 10:50                  | 11:30          |      |     |                       | 400           | 16000     | y-c     | jw/dc |
| 3750 w.bayshore          |                       |                   | 8"   | 1/7/15  | 2.65                 | 12:45                  | 13:15          |      |     |                       | 500           | 15000     | c-c     | jw/dc |
| 3600 w.bayshore          |                       |                   | 8"   | 1/7/15  | 0.55                 | 14:00                  | 15:00          | 9.6  | 1   | 0                     | 800           | 48000     | c-c     | jw/dc |
| 650 san antonio          |                       |                   | 16"  | 1/7/15  | 2.55                 | 8:45                   | 9:20           | 9.17 | 3   | 0                     | 400           | 14000     | y-c     | mp/rs |
| 2463 aztec               |                       |                   | 6"   | 1/7/15  | 1.1                  | 10:11                  | 10:45          | 8.98 | 2   | 0                     | 400           | 13600     | y-c     | mp/rs |
| 1121 san antonio         |                       |                   | 16"  | 1/7/15  | 2                    | 11:20                  | 12:00          | 9.01 | 1   | 0                     | 400           | 16000     | b-c     | mp/rs |
| 8728 e.meadow            |                       |                   | 6"   | 1/7/15  | 1.3                  | 13:50                  | 15:15          | 8.99 | 1   | 0                     | 400           | 34000     | y-c     | mp/rs |
| e.meadow/middlefield     |                       |                   | 8"   | 1/8/15  | 2.5                  | 9:20                   | 11:20          | 8.91 | 1   | 0                     | 400           | 48000     | b-c     | mp/kb |
| greer/loma verde         |                       |                   | 3"   | 1/8/15  | 1.25                 | 13:25                  | 14:25          | 9.1  | 2   | 0                     | 400           | 24000     | y-c     | mp/kb |
| 3106 stelling            |                       |                   | 6"   | 1/7/15  | 0.92                 | 9:30                   | 9:45           | 8.45 | 0   | 0                     | 400           | 6000      | b-c     | mt/tk |
| 340 iris ave             |                       |                   | 6"   | 1/7/15  | 1.47                 | 10:10                  | 11:33          | 8.92 | 1   | 0.11                  | 400           | 33200     | b-c     | mt/tk |
| 944 industrial ave       |                       |                   | 6"   | 1/7/15  | 2.26                 | 12:45                  | 13:43          | 9.27 | 5   | 0.07                  | 400           | 23200     | b-c     | mt/tk |
| colorado ave             |                       |                   | 6"   | 1/7/15  | 0.96                 | 14:00                  | 15:13          | 9.09 | 4   | 0.04                  | 400           | 29200     | o-c     | mt/tk |
| e. meadow/cowper         |                       |                   | 6"   | 1/8/15  | 2.65                 | 11:00                  | 11:13          | 8.86 | 0   | 0.03                  | 400           | 5200      | o-c     | mt/tk |
| e.meadow/louis           |                       |                   | 6"   | 1/8/15  | 2.27                 | 13:05                  | 14:17          | 8.72 | 0   | 0.02                  | 400           | 28800     | o-c     | mt/tk |
| los trancos              |                       |                   | 6"   | 1/8/15  | 2.59                 | 8:30                   | 9:48           | 8.91 | 0   | 0                     | 400           | 31200     | y-c     | mt/tk |
| scarff                   |                       |                   | 6"   | 1/9/15  | 2.24                 | 11:15                  | 11:55          | 9.5  | 0   | 0                     | 400           | 16000     | y-c     | mt/tk |
| ricky's/juniper          |                       |                   | 8"   | 1/12/15 | 2.72                 | 11:00                  | 11:32          | 8.3  | 12  | 0                     | 1000          | 32000     | b-c     | jw/dc |
| ricky's In/ricky's way   |                       |                   | 8"   | 1/12/15 | 2.68                 | 11:40                  | 11:45          | 8.3  | 4   | 0                     | 500           | 2500      | b-c     | jw/dc |
| pratt/cashel             |                       |                   | 8"   | 1/12/15 | 2.7                  | 11:53                  | 12:05          | 8.5  | 4   | 0                     | 500           | 6000      | c-c     | jw/dc |
| kenneth ave              |                       |                   | 8"   | 1/12/15 | 1.48                 | 13:25                  | 14:05          | 8.5  | 5   | 0                     | 500           | 20000     | b-c     | jw/dc |
| janice way               |                       |                   | 6"   | 1/12/15 | 1.79                 | 14:15                  | 15:00          | 8.7  | 13  | 0                     | 700           | 31500     | b-c     | jw/dc |
| los trancos              |                       |                   | 8"   | 1/2/15  | 2.36                 | 9:00                   | 9:30           | 9    | 3   | 0                     | 800           | 24000     | c-c     | jw/dc |

| Location              | Water Shed CreekID | Length of Main | Size | Date    | Chlorine Residual | Flush Time Start | Flush Time End | PH   | NTU | After De-Chlor | Flow read. | Ttl. Flow | Quality | IN.   |
|-----------------------|--------------------|----------------|------|---------|-------------------|------------------|----------------|------|-----|----------------|------------|-----------|---------|-------|
| wintergreen           |                    |                | 6"   | 1/12/15 | 2.82              | 13:05            | 13:18          | 8.6  | 15  | 0              | 600        | 7800      | b-c     | jw/dc |
| 3741 e.meadow         |                    |                | 8"   | 1/12/15 | 1.9               | 8:45             | 10:30          | 8.9  | 3   | 0              | 400        | 42000     | y-c     | mp/cs |
| 3017 weaverley        |                    |                | 6"   | 1/12/15 | 2.72              | 11:45            | 12:20          | 8.68 | 1   | 1              | 400        | 14000     | b-c     | mp/cs |
| 3100 flowers ct.      |                    |                | 6"   | 1/12/15 | 2.69              | 12:45            | 13:20          | 8.71 | 0   | 0              | 400        | 14000     | b-c     | mp/cs |
| 3460 w.bayshore       |                    |                | 8"   | 1/12/15 | 2.36              | 14:45            | 15:30          | 8.4  | 5   | 0.05           | 400        | 18000     | b-c     | mp/cs |
| e.meadow/fabian       |                    |                | 12"  | 1/12/15 | 2.12              | 8:30             | 9:59           | 8.2  | 2   | 0              | 400        | 35600     | b-c     | jw/dc |
| loma verde ave        |                    |                | 8"   | 1/13/15 | 2.17              | 7:50             | 8:05           | 9.2  | 3   | 0              | 800        | 12000     | c-c     | jw/dc |
| moreno/marshall       |                    |                | 6"   | 1/13/15 | 2.76              | 9:45             | 10:00          | 8.8  | 5   | 0              | 600        | 9000      | b-c     | jw/dc |
| old adobe             |                    |                | 8"   | 1/13/15 | 2                 | 10:30            | 10:45          | 8.8  | 2   | 0              | 600        | 9000      | b-c     | jw/dc |
| old trace/arastradero |                    |                | 8"   | 1/13/15 | 1.83              | 11:15            | 11:40          | 9    | 4   | 0              | 700        | 17500     | b-c     | jw/dc |
| mockingbird ln        |                    |                | 6"   | 1/13/15 | 1.83              | 12:10            | 12:20          | 9.2  | 5   | 0              | 450        | 4500      | b-c     | jw/dc |
| manuala way           |                    |                | 6"   | 1/13/15 | 1.44              | 12:27            | 12:35          | 9    | 6   | 0              | 400        | 3200      | b-c     | jw/dc |
| spring hill rd        |                    |                | 6"   | 1/13/15 | 1.61              | 12:40            | 12:50          | 9.4  | 4   | 0              | 450        | 4500      | b-c     | jw/dc |
| greer/louis           |                    |                | 8"   | 1/13/15 | 1                 | 13:55            | 14:10          | 8.7  | 2   | 0              | 600        | 9000      | c-c     | jw/dc |
| wellsbury/towle       |                    |                | 6"   | 1/14/15 | 2.55              | 9:50             | 10:20          | 8.9  | 2   | 0              | 600        | 18000     | b-c     | jw/dc |
| 3189 w.bayshore rd    |                    |                | 8"   | 1/14/15 | 2.65              | 11:40            | 12:15          | 9.2  | 7   | 0              | 800        | 28000     | c-c     | jw/dc |
| ames/rourke           |                    |                | 6"   | 1/14/15 | 1.81              | 14:25            | 15:00          | 8.8  | 0   | 0              | 800        | 28000     | y-c     | jw/dc |
| caballo lane          |                    |                | 8"   | 1/16/15 | 2.12              | 11:08            | 11:28          | 9    | 8   | 0              | 700        | 14000     | y-c     | jw    |
| 2927 alexis           |                    |                | 8"   | 1/16/15 | 1.35              | 11:54            | 12:20          | 9    | 7   | 0              | 200        | 5200      | y-c     | jw    |
| el dorado             |                    |                | 8"   | 1/21/15 | 2.56              | 10:00            | 10:55          | 9    | 6   | 0              | 700        | 38500     | b-c     | jw/dc |
| el carmelo            |                    |                | 8"   | 1/21/15 | 2.35              | 14:05            | 14:35          | 8.9  | 10  | 0              | 600        | 18000     | b-c     | jw/dc |
| 2927 alexis           |                    |                | 8"   | 1/22/15 | 2.83              | 9:50             | 10:20          | 9.2  | 5   | 0              | 500        | 15000     | y-c     | jw/dc |
| christine             |                    |                | 6"   | 1/22/15 | 2.7               | 12:40            | 13:05          | 8.9  | 9   | 0              | 700        | 17500     | b-c     | jw/dc |
| sutter                |                    |                | 6"   | 1/22/15 | 2.23              | 13:25            | 13:40          | 9    | 4   | 0              | 600        | 9000      | b-c     | jw/dc |
| el cajon              |                    |                | 6"   | 1/22/15 | 2.89              | 14:10            | 15:10          | 9    | 9   | 0              | 800        | 48000     | b-c     | jw/dc |
| loma verde/maddux     |                    |                | 8"   | 1/23/15 | 2.63              | 10:35            | 11:10          | 9.06 | 6   | 0              | 900        | 31500     | c-c     | dc/kb |
| simpkins ct           |                    |                | 6"   | 1/23/15 | 2.25              | 13:35            | 14:25          | 9    | 8   | 0              | 800        | 40000     | c-c     | dc/kb |
| maddux/greer          |                    |                | 8"   | 1/26/15 | 2.18              | 9:25             | 10:20          | 9.1  | 4   | 0              | 800        | 44000     | y-c     | jw/dc |
| greer/metro circle    |                    |                | 8"   | 1/26/15 | 2.25              | 10:40            | 10:55          | 9    | 5   | 0              | 800        | 12000     | y-c     | jw/dc |
| agnes/celia           |                    |                | 6"   | 1/26/15 | 2.6               | 11:30            | 11:55          | 9.1  | 1   | 0              | 800        | 20000     | y-c     | jw/dc |
| moreno/fielding       |                    |                | 6"   | 1/26/15 | 2.63              | 13:50            | 14:05          | 9.1  | 6   | 0              | 600        | 9000      | y-c     | jw/dc |
| loma verde/stockton   |                    |                | 6"   | 1/26/15 | 2.27              | 14:15            | 14:35          | 9    | 4   | 0              | 600        | 12000     | y-c     | jw/dc |
| los trancos           |                    |                | 8"   | 1/27/15 | 2.15              | 8:55             | 9:30           | 8.9  | 2   | 0              | 400        | 14000     | c-c     | jw/dc |
| alexis                |                    |                | 8"   | 1/27/15 | 2.1               | 10:50            | 11:10          | 9    | 4   | 0              | 400        | 8000      | c-c     | jw/dc |
| baylands hydrant      |                    |                | 8"   | 1/27/15 | 1.97              | 12:00            | 12:25          | 9.1  | 6   | 0              | 300        | 7500      | c-c     | jw/dc |
| caballo lane          |                    |                | 10"  | 1/27/15 | 1.97              | 13:50            | 13:56          | 9    | 5   | 0              | 600        | 3600      | c-c     | jw/dc |
| Miranda               |                    |                | 6"   | 1/27/15 | 2.52              | 14:16            | 14:21          | 9    | 0   | 0              | 400        | 2000      | c-c     | jw/dc |
| 3200 greer ct         |                    |                | 6"   | 1/27/15 | 1.87              | 14:36            | 14:42          | 8.9  | 4   | 0              | 400        | 2400      | b-c     | jw/dc |
| tjomas ct             |                    |                | 6"   | 1/27/15 | 1.92              | 14:46            | 15:25          | 8.9  | 5   | 0              | 500        | 19500     | b-c     | jw/dc |
| w.bayshore            |                    |                | 8"   | 1/28/15 | 2.51              | 10:54            | 11:30          | 8.8  | 5   | 0              | 800        | 28800     | c-c     | jw/dc |
| w.bayshore/loma verde |                    |                | 8"   | 1/28/15 | 2.2               | 13:50            | 15:00          | 8.8  | 2   | 0              | 700        | 49000     | c-c     | jw/dc |
| los trancos           |                    |                | 8"   | 2/2/15  | 1.89              | 8:00             | 8:25           | 8.9  | 2   | 0              | 700        | 17500     | c-c     | jw/dc |
| thomas ct             |                    |                | 6"   | 2/2/15  | 2.26              | 9:30             | 9:42           | 8.9  | 5   | 0              | 500        | 6000      | c-c     | jw/dc |
| chabot terrace        |                    |                | 6"   | 2/2/15  | 2.45              | 9:55             | 10:03          | 9    | 1   | 0              | 400        | 3200      | b-c     | jw/dc |
| baylands hydrant      |                    |                | 6"   | 2/2/15  | 2.44              | 10:30            | 11:05          | 9    | 2   | 0              | 600        | 21000     | c-c     | jw/dc |
| greer/maddux          |                    |                | 6"   | 2/2/15  | 2.41              | 13:35            | 14:00          | 8.9  | 5   | 0              | 800        | 20000     | c-c     | jw/dc |
| greer.armarillo       |                    |                | 6"   | 2/2/15  | 2.29              | 14:15            | 14:50          | 8.9  | 2   | 0              | 800        | 28000     | c-c     | jw/dc |

| Location                               | Water Shed<br>CreekID | Length<br>of Main | Size | Date    | Chlorine<br>Residual | Flush<br>Time<br>Start | Flush Time End | PH   | NTU | After<br>De-<br>Chlor | Flow<br>read. | Ttl. Flow | Quality | IN.   |
|--|-----------------------|-------------------|------|---------|----------------------|------------------------|----------------|------|-----|-----------------------|---------------|-----------|---------|-------|
| kenneth ct                             |                       |                   | 4"   | 2/4/15  | 1.65                 | 8:20                   | 8:30           | 8.8  | 4   | 0                     | 450           | 4500      | b-c     | jw/dc |
| stelling/david                         |                       |                   | 6"   | 2/4/15  | 2.64                 | 8:50                   | 9:05           | 8.8  | 6   | 0                     | 800           | 12000     | y-c     | jw/dc |
| stelling/stelling ct                   |                       |                   | 6"   | 2/4/15  | 2.28                 | 9:12                   | 9:30           | 8.8  | 7   | 0                     | 800           | 14400     | b-c     | jw/dc |
| david/eldridge                         |                       |                   | 6"   | 2/4/15  | 2.18                 | 9:55                   | 10:12          | 8.7  | 10  | 0                     | 800           | 13600     | b-c     | jw/dc |
| david ct                               |                       |                   | 6"   | 2/4/15  | 2.38                 | 10:17                  | 10:30          | 8.8  | 4   | 0                     | 400           | 5200      | b-c     | jw/dc |
| richardson ct/murray                   |                       |                   | 6"   | 2/4/15  | 2.35                 | 1:10                   | 1:35           | 8.7  |     | 0                     | 800           | 20000     | y-c     | jw/dc |
| 823 rourke                             |                       |                   | 6"   | 2/4/15  | 2.31                 | 13:45                  | 14:05          | 8.7  | 5   | 0                     | 800           | 16000     | y-c     | jw/dc |
| 875 rourke                             |                       |                   | 6"   | 2/4/15  | 2.21                 | 14:25                  | 14:50          | 8.7  | 6   | 0                     | 700           | 17500     | y-c     | jw/dc |
| stone ct                               |                       |                   | 6"   | 2/11/15 | 2.1                  | 14:30                  | 14:38          | 9.1  | 7   | 0                     | 500           | 4000      | b-c     | jw/dc |
| tailsman ct                            |                       |                   | 6"   | 2/11/15 | 2.01                 | 14:42                  | 14:50          | 9.1  | 5   | 0                     | 800           | 6400      | b-c     | jw/dc |
| 3350 cork oak way                      |                       |                   | 6"   | 2/12/15 | 2.62                 | 13:52                  | 14:06          | 9.2  | 5   | 0                     | 500           | 7000      | b-c     | jw/dc |
| cork oak way                           |                       |                   | 6"   | 2/12/15 | 2.26                 | 14:15                  | 15:00          | 9.2  | 2   | 0                     | 500           | 22500     | b-c     | jw/dc |
| 1183 w. bayshore                       |                       |                   | 8"   | 2/2/15  | 2.59                 | 9:30                   | 10:17          | 8.62 | 4   | 0.03                  | 700           | 32900     | y-c     | mt/tk |
| 3031 ross                              |                       |                   | 6"   | 2/2/15  | 2.26                 | 12:30                  | 13:15          | 8.54 | 0   | 0                     | 500           | 22500     | b-c     | mt/tk |
| 3361 kenneth                           |                       |                   | 6"   | 2/3/15  | 1.8                  | 9:45                   | 10:15          | 8.61 | 0   | 0                     | 500           | 15000     | c-c     | mt/tk |
| 3347 greer                             |                       |                   | 6"   | 2/3/15  | 1.97                 | 10:35                  | 10:52          | 8.94 | 3   | 0.04                  | 500           | 8500      | o-c     | mt/tk |
| 770 garland                            |                       |                   | 6"   | 2/4/15  | 2.53                 | 10:00                  | 10:45          | 8.56 | 1   | 0.03                  | 500           | 22500     | o-c     | mt/tk |
| 905 amarillo                           |                       |                   | 6"   | 2/4/15  | 1.98                 | 13:35                  | 14:05          | 8.46 | 4   | 0.01                  | 500           | 15000     | y-c     | mt/tk |
| 3160 w. bayshore                       |                       |                   | 8"   | 2/4/15  | 1.74                 | 14:49                  | 15:23          | 8.73 | 3   | 0                     | 700           | 23800     | y-c     | mt/tk |
| los trancos                            |                       |                   | 8"   | 2/9/15  | 1.79                 | 9:37                   | 9:50           | 9.2  | 0   | 0.05                  | 700           | 9100      | c-c     | mt/tk |
| 2947 clara                             |                       |                   | 6"   | 2/9/15  | 2.17                 | 11:45                  | 12:20          | 9    | 0   | 0.05                  | 500           | 17500     | o-c     | mt/tk |
| 2890 ross                              |                       |                   | 6"   | 2/9/15  | 2.26                 | 12:30                  | 12:40          | 9.1  | 0   | 0                     | 500           | 5000      | y-c     | mt/tk |
| 3428 janice                            |                       |                   | 6"   | 2/9/15  | 2.18                 | 13:34                  | 13:58          | 9.1  | 0   | 0.01                  | 500           | 12000     | y-c     | mt/tk |
| 789 holly oak                          |                       |                   | 6"   | 2/9/15  | 2.62                 | 14:35                  | 14:51          | 9    | 0   | 0.02                  | 500           | 8000      | y-c     | mt/tk |
| baylamds                               |                       |                   | 8"   | 2/10/15 | 2.32                 | 7:45                   | 8:43           | 8.6  | 3   | 0.01                  | 700           | 40600     | y-c     | mt/tk |
| msc                                    |                       |                   | 8"   | 2/10/15 | 1.82                 | 9:45                   | 10:16          | 7.8  | 2   | 0.01                  | 700           | 21700     | c-c     | mt/tk |
| ross/e.meadow                          |                       |                   | 6"   | 2/12/15 | 2.08                 | 8:50                   | 9:20           | 8.41 | 3   | 0.01                  | 500           | 15000     | o-c     | mt/tk |
| 1072 metro circle                      |                       |                   | 6"   | 2/23/15 | 2.62                 | 10:43                  | 11:17          | 9.44 | 3   | 0                     | 500           | 17000     | o-c     | mt/tk |
| 970 van auken                          |                       |                   | 6"   | 2/23/15 | 2.62                 | 11:57                  | 12:18          | 9.48 | 0   | 0.04                  | 500           | 10500     | o-c     | mt/tk |
| 879 talisman                           |                       |                   | 6"   | 2/23/15 | 2.74                 | 13:40                  | 14:27          | 9.63 | 0   | 0.03                  | 500           | 23500     | y-c     | mt/tk |
| 2395 greer                             |                       |                   | 6"   | 2/24/15 | 2.46                 | 8:20                   | 9:20           | 9.61 | 0   | 0.05                  | 500           | 30000     | y-c     | mt/tk |
| baylands                               |                       |                   | 8"   | 2/24/15 | 2.2                  | 14:38                  | 15:15          | 9.45 | 0   | 0.05                  | 700           | 25900     | y-c     | mt/tk |
| 3460 w.bayshore                        |                       |                   | 8"   | 2/9/15  | 2.75                 | 9:40                   | 10:30          | 8.86 | 0   | 0                     | 700           | 35000     | c-c     | tk    |
| w.bayshore/colorado                    |                       |                   | 8"   | 2/9/15  | 2.58                 | 13:22                  | 14:06          | 8.91 | 1   | 0.03                  | 700           | 30800     | y-c     | tk    |
| 1035 e.meadow                          |                       |                   | 6"   | 2/11/15 | 2.42                 | 8:55                   | 10:30          | 9.03 | 3   | 0.04                  | 500           | 47500     | b-c     | tk    |
| loma verde/ross                        |                       |                   | 6"   | 2/11/15 | 1.79                 | 13:30                  | 14:00          | 8.62 | 9   | 0.06                  | 500           | 15000     | b-c     | tk    |
| 2599 louis                             |                       |                   | 6"   | 2/18/15 | 2.36                 | 8:48                   | 9:30           | 9.5  | 1   | 0.01                  | 500           | 21000     | o-c     | tk    |
| stokton/loma verde                     |                       |                   | 6"   | 2/20/15 | 2.25                 | 8:08                   | 8:28           | 9.4  | 0   | 0                     | 500           | 10000     | y-c     | tk    |
| loma verde/maddux                      |                       |                   | 6"   | 2/20/15 | 2.17                 | 8:50                   | 9:15           | 9.5  | 2   | 0                     | 500           | 12500     | y-c     | tk    |
| loma verde/vernon terrace              |                       |                   | 6"   | 2/20/15 | 2.23                 | 10:06                  | 10:26          | 9.4  | 0   | 0                     | 500           | 10000     | o-c     | tk    |
| rorke/ames                             |                       |                   | 6"   | 2/20/15 | 2.29                 | 10:35                  | 10:55          | 9.3  | 0   | 0                     | 500           | 10000     | y-c     | tk    |
| ames/rourke                            |                       |                   | 6"   | 2/20/15 | 2.33                 | 11:10                  | 11:35          | 9.2  | 0   | 0                     | 500           | 12500     | y-c     | tk    |
| 3200 maddux                            |                       |                   | 6"   | 2/9/15  | 2.44                 | 9:35                   | 10:20          | 8.9  | 3   | 0.01                  | 500           | 22500     | c-c     | mp    |
| w.bayshore/greer                       |                       |                   | 8"   | 2/9/15  | 2.34                 | 13:25                  | 14:04          | 8.9  | 2   | 0                     | 700           | 27300     | c-c     | mp    |
| 1123 e.meadow                          |                       |                   | 6"   | 2/11/15 | 2.23                 | 9:00                   | 9:45           | 8.78 | 4   | 0                     | 500           | 22500     | y-c     | mp    |
| 1123 e.meadow (reverse flow direction) |                       |                   | 6"   | 2/11/15 | 2.24                 | 10:00                  | 10:32          | 8.71 | 4   | 0                     | 500           | 16000     | c-c     | mp    |
| ross/moreno                            |                       |                   | 6"   | 2/11/15 | 1.75                 | 13:33                  | 14:02          | 8.9  | 3   | 0                     | 500           | 14500     | b-c     | mp    |

| Location              | Water Shed<br>CreekID | Length<br>of Main | Size | Date    | Chlorine<br>Residual | Flush<br>Time<br>Start | Flush Time End | PH   | NTU | After<br>De-<br>Chlor | Flow<br>read. | Ttl. Flow | Quality | IN.   |
|-----------------------|-----------------------|-------------------|------|---------|----------------------|------------------------|----------------|------|-----|-----------------------|---------------|-----------|---------|-------|
| transport/commercial  |                       |                   | 6"   | 2/13/15 | 2.25                 | 13:15                  | 14:15          | 8.71 | 2   | 0.01                  | 500           | 30000     | b-c     | mp    |
| silva ct/silva        |                       |                   | 6"   | 2/17/15 | 2.58                 | 8:55                   | 10:02          | 8.79 | 3   | 0                     | 500           | 33500     | b-c     | mp    |
| 4358 silva ct         |                       |                   | 2"   | 2/17/15 | 2.48                 | 10:20                  | 10:31          | 8.99 | 6   | 0                     | 300           | 3300      | b-c     | mp/tk |
| 431 cesano ct         |                       |                   | 2"   | 2/17/15 | 2.63                 | 10:40                  | 11:00          | 8.95 | 5   | 0.01                  | 300           | 6000      | b-c     | mp/tk |
| 3641 louis            |                       |                   | 8"   | 2/18/15 | 2.15                 | 8:45                   | 9:25           | 9.08 | 4   | 0                     | 700           | 28000     | b-c     | mp    |
| 3599 louis            |                       |                   | 6"   | 2/18/15 | 2.39                 | 10:15                  | 11:00          | 9.31 | 6   | 0                     | 500           | 22500     | c-c     | mp    |
| ross/e.meadow         |                       |                   | 6"   | 2/18/15 | 2.12                 | 13:05                  | 14:00          | 9.45 | 6   | 0                     | 500           | 27500     | c-c     | mp    |
| amarillo/louis        |                       |                   | 6"   | 2/19/15 | 2.22                 | 9:45                   | 10:40          | 9.13 | 4   | 0.01                  | 500           | 27500     | y-c     | mp    |
| tanland/amarillo      |                       |                   | 6"   | 2/19/15 | 2.4                  | 10:55                  | 11:30          | 8.71 | 7   | 0.05                  | 500           | 17500     | o-c     | mp    |
| 3465 kenneth          |                       |                   | 6"   | 2/19/15 | 2.16                 | 12:45                  | 13:30          | 8.81 | 5   | 0.02                  | 500           | 22500     | y-c     | mp    |
| 3482 janice           |                       |                   | 6"   | 2/19/15 | 2.18                 | 14:12                  | 14:45          | 8.81 | 3   | 0                     | 500           | 16500     | b-c     | mp    |
| 3160 w.bayshore       |                       |                   | 8"   | 2/25/15 | 2.48                 | 8:37                   | 9:23           | 9.51 | 1   | 0                     | 700           | 32200     | b-c     | mp    |
| colorado/w.bayshore   |                       |                   | 8"   | 2/25/15 | 2.36                 | 9:40                   | 10:22          | 9.8  | 6   | 0                     | 700           | 29400     | y-c     | mp    |
| Elwell Ct.            |                       |                   | 8"   | 2/25/15 | 2.53                 | 11:07                  | 12:00          | 9.61 | 7   | 0                     | 700           | 37100     | y-c     | mp    |
| murray/richardson     |                       |                   | 6"   | 2/25/15 | 2.26                 | 14:05                  | 15:00          | 9.51 | 4   | 0.01                  | 500           | 27500     | b-c     | mp    |
| 2890 ross rd          |                       |                   | 6"   | 3/2/15  | 2.74                 | 8:10                   | 8:39           | 9.28 | 4   | 0.04                  | 500           | 14500     | y-c     | mt/tk |
| 2947 clara            |                       |                   | 6"   | 3/2/15  | 2.98                 | 9:30                   | 10:00          | 8.31 | 3   | 0.04                  | 500           | 15000     | y-c     | mt/tk |
| 3126 david            |                       |                   | 6"   | 3/2/15  | 2.61                 | 11:02                  | 11:38          | 8.63 | 7   | 0.03                  | 500           | 18000     | y-c     | mt/tk |
| 3049 david            |                       |                   | 6"   | 3/2/15  | 16:04                | 13:12                  | 13:23          | 9.36 | 5   | 0.03                  | 500           | 5500      | y-c     | mt/tk |
| 3102 david ct         |                       |                   | 6"   | 3/2/15  | 2.76                 | 14:15                  | 14:27          | 9.08 | 3   | 0.04                  | 500           | 6000      | y-c     | mt/tk |
| 789 holly oak         |                       |                   | 6"   | 3/2/15  | 2.83                 | 14:46                  | 15:10          | 8.54 | 6   | 0.02                  | 500           | 12000     | y-c     | mt/tk |
| moreno/louis          |                       |                   | 6"   | 3/3/15  | 2.42                 | 8:18                   | 9:33           | 8.84 | 5   | 0                     | 500           | 37500     | y-c     | tk/mt |
| agnes/celia           |                       |                   | 6"   | 3/3/15  | 2.62                 | 10:04                  | 10:30          | 9.16 | 4   | 0.05                  | 500           | 13000     | y-c     | tk/mt |
| ash/park ave          |                       |                   | 8"   | 3/17/15 | 2.81                 | 10:50                  | 11:33          | 9.98 | 4   | 0.05                  | 700           | 30100     | b-c     | mp/mt |
| 3440 greer            |                       |                   | 6"   | 3/17/15 | 2.61                 | 13:20                  | 14:18          | 9.03 | 0   | 0.03                  | 500           | 29000     | o-c     | mp/mt |
| 303 thomas            |                       |                   | 6"   | 3/17/15 | 2.56                 | 14:22                  | 14:47          | 8.7  | 0   | 0.05                  | 500           | 12500     | y-c     | mp/mt |
| 3301 kenneth          |                       |                   | 6"   | 3/17/15 | 2.57                 | 14:52                  | 15:05          | 9.01 | 0   | 0                     | 500           | 6500      | y-c     | mp/mt |
| 3249 greer            |                       |                   | 8"   | 3/18/15 | 2.7                  | 13:30                  | 14:15          | 9.8  | 4   | 0.05                  | 700           | 31500     | o-c     | mp/mt |
| 3161 greer            |                       |                   | 8"   | 3/18/15 | 2.45                 | 14:20                  | 15:00          | 9.52 | 5   | 0.05                  | 700           | 28000     | o-c     | mp/mt |
| 3149 genevieve ct     |                       |                   | 6"   | 3/18/15 | 2.31                 | 15:05                  | 15:25          | 8.56 | 4   | 0.01                  | 500           | 10000     | o-c     | mp/mt |
| addison/fife          |                       |                   | 6"   | 3/18/15 | 2.6                  | 8:55                   | 10:30          | 8.41 | 2   | 0.03                  | 500           | 47500     | o-c     | mp/mt |
| 3202 maddux ct        |                       |                   | 6"   | 3/19/15 | 2.69                 | 13:05                  | 13:25          | 9.1  | 2   | 0.05                  | 500           | 10000     | b-c     | mp/mt |
| 3256 clifton ct       |                       |                   | 6"   | 3/19/15 | 2.56                 | 14:00                  | 14:28          | 9.2  | 4   | 0.04                  | 500           | 14000     | b-c     | mp/mt |
| 914 baxton ct         |                       |                   | 6"   | 3/19/15 | 1.84                 | 14:34                  | 15:00          | 9.7  | 0   | 0                     | 500           | 13000     | b-c     | mp/mt |
| 925 morega ct         |                       |                   | 6"   | 3/19/15 | 2.46                 | 15:07                  | 15:33          | 8.75 | 5   | 0.05                  | 500           | 13000     | b-c     | mp/mt |
| 3102 david ct         |                       |                   | 6"   | 3/24/15 | 2.41                 | 8:33                   | 9:09           | 9.81 | 4   | 0.02                  | 500           | 18000     | y-c     | mp/mt |
| 3137 david ct         |                       |                   | 6"   | 3/24/15 | 2.45                 | 9:15                   | 9:29           | 9.69 | 12  | 0                     | 500           | 7000      | b-c     | mp/mt |
| 3101 stelling ct      |                       |                   | 6"   | 3/24/15 | 2.8                  | 9:35                   | 9:48           | 9.83 | 3   | 0.05                  | 500           | 6500      | y-c     | mp/mt |
| 3151 manchester ct    |                       |                   | 6"   | 3/24/15 | 2.48                 | 9:57                   | 10:28          | 9.7  | 3   | 0.05                  | 500           | 15500     | y-c     | mp/mt |
| 580 madison/harriston |                       |                   | 6"   | 3/30/15 | 2.66                 | 8:25                   | 8:48           | 9.72 | 4   | 0                     | 500           | 11500     | y-c     | mp/mt |
| 3160 w. bayshore ave  |                       |                   | 6"   | 3/30/15 | 2.64                 | 9:15                   | 10:25          | 9.37 | 4   | 0.01                  | 500           | 35000     | y-c     | mp/mt |
| 2159 edgewood         |                       |                   | 6"   | 3/31/15 | 2.5                  | 8:55                   | 9:25           | 9.54 | 7   | 0.02                  | 500           | 15000     | y-c     | mp/mt |
| montrose              |                       |                   | 6"   | 3/18/15 | 3.07                 | 13:25                  | 13:40          | 9    | 11  | 0                     | 700           | 10500     | b-c     | jw/tk |
| grove                 |                       |                   | 6"   | 3/15/18 | 2.89                 | 14:10                  | 15:00          | 9    | 16  | 0                     | 700           | 35000     | b-c     | jw/tk |
| tasso ct              |                       |                   | 6"   | 3/23/15 | 2.83                 | 14:11                  | 14:36          | 8.2  | 5   | 2                     | 700           | 17500     | o-c     | tk    |
| richardson ct/murray  |                       |                   | 6"   | 3/25/15 | 2.67                 | 7:48                   | 8:08           | 9    | 8   | 0.05                  | 500           | 10000     | o-c     | mt/tk |
| wintergreen ct        |                       |                   | 6"   | 3/25/15 | 2.82                 | 8:55                   | 9:30           | 7.15 | 4   | 0.03                  | 500           | 17500     | y-c     | mt/tk |

| Location                  | Water Shed<br>CreekID | Length<br>of Main | Size | Date    | Chlorine<br>Residual | Flush<br>Time<br>Start | Flush Time End | PH   | NTU | After<br>De-<br>Chlor | Flow<br>read. | Ttl. Flow | Quality | IN.   |
|---------------------------|-----------------------|-------------------|------|---------|----------------------|------------------------|----------------|------|-----|-----------------------|---------------|-----------|---------|-------|
| cork oak way              |                       |                   | 6"   | 3/25/15 | 2.56                 | 9:44                   | 10:25          | 9.35 | 4   | 3                     | 500           | 20500     | y-c     | mt/tk |
| hamilton/manson           |                       |                   | 6"   | 3/26/15 | 2.73                 | 8:22                   | 9:49           | 9.55 | 4   | 5                     | 500           | 43500     | b-c     | mt/tk |
| tasso ct                  |                       |                   | 6"   | 3/26/15 | 2.81                 | 10:18                  | 10:32          | 8.3  | 5   | 6                     | 500           | 7000      | o-c     | mt/tk |
| stone ct                  |                       |                   | 6"   | 3/26/15 | 2.78                 | 13:50                  | 14:23          | 9.26 | 7   | 5                     | 500           | 16500     | y-c     | mt/tk |
| tailsman ct               |                       |                   | 6"   | 3/26/15 | 2.75                 | 14:43                  | 15:15          | 9.04 | 6   | 6                     | 500           | 16000     | o-c     | mt/tk |
| colordao/w bayshore       |                       |                   | 8"   | 4/3/15  | 2.87                 | 12:55                  | 13:12          | 9.06 | 8   | 6                     | 700           | 11900     | y-c     | tk/mt |
| 1086 moreno ave           |                       |                   | 4"   | 4/3/15  | 2.89                 | 13:32                  | 13:50          | 7.6  | 5   | 3                     | 400           | 7200      | o-c     | tk/mt |
| middlefield/palo alto ave |                       |                   | 6"   | 4/16/15 | 2.85                 | 8:18                   | 9:14           | 9.5  | 2   | 4                     | 500           | 28000     | o-c     | tk/mt |
| 600 palo alto ave.        |                       |                   | 6"   | 4/16/15 | 2.86                 | 9:25                   | 10:15          | 9.4  | 1   | 3                     | 500           | 25000     | o-c     | tk/mt |
| 1870 lincoln ave          |                       |                   | 6"   | 4/16/15 | 2.67                 | 11:00                  | 11:54          | 8.79 | 1   | 3                     | 500           | 27000     | o-c     | tk/mt |
| 620 georgia ave           |                       |                   | 6"   | 4/7/15  | 2.78                 | 11:45                  | 12:50          | 9.41 | 6   | 0.02                  | 500           | 32500     | b-c     | mp/tk |
| w. bayshore ave 3600 blk  |                       |                   | 8"   | 4/7/15  | 2.28                 | 12:50                  | 13:59          | 9.21 | 4   | 0                     | 700           | 48300     | b-c     | mp/tk |
| industrial/transport      |                       |                   | 6"   | 4/7/15  | 2.54                 | 14:15                  | 15:20          | 9.25 | 3   | 0                     | 500           | 32500     | b-c     | mp/tk |
| 3460 w. bayshore ave      |                       |                   | 8"   | 4/8/15  | 2.53                 | 13:45                  | 14:00          | 9.38 | 3   | 0                     | 700           | 10500     | y-c     | mp/tk |
| 393 whitclem              |                       |                   | 6"   | 4/8/15  | 2.64                 | 14:15                  | 14:40          | 9.3  | 4   | 0.01                  | 500           | 12500     | b-c     | mp/tk |
| 368 calcaterra            |                       |                   | 6"   | 4/8/15  | 2.88                 | 14:52                  | 15:21          | 9.25 | 3   | 0                     | 500           | 14500     | b-c     | mp/tk |
| 100 ferne                 |                       |                   | 6"   | 4/9/15  | 2.79                 | 10:07                  | 11:07          | 8.7  | 7   | 0.06                  | 500           | 30000     | b-c     | mp/tk |
| 142 ely                   |                       |                   | 6"   | 4/9/15  | 2.85                 | 13:00                  | 13:50          | 9.2  | 7   | 0.05                  | 500           | 25000     | b-c     | mp/tk |
| newell rd                 |                       |                   | 6"   | 4/9/15  | 2.7                  | 14:30                  | 15:19          | 9.3  | 8   | 0.05                  | 500           | 24500     | b-c     | mp/tk |
| 4125 southerland          |                       |                   | 6"   | 4/14/15 | 2.72                 | 8:10                   | 9:10           | 8.2  | 3   | 0.05                  | 500           | 30000     | b-c     | mt/gu |
| 753 maplewood             |                       |                   | 4"   | 4/14/15 | 2.71                 | 9:30                   | 10:13          | 8.7  | 1   | 0                     | 400           | 17200     | b-c     | mt/gu |
| 630 keats                 |                       |                   | 4"   | 4/14/15 | 2.81                 | 10:50                  | 11:05          | 8.6  | 4   | 0.01                  | 400           | 6000      | b-c     | mt/gu |
| 741 ensign                |                       |                   | 4"   | 4/14/15 | 2.56                 | 11:18                  | 11:56          | 8.6  | 3   | 0                     | 400           | 15200     | b-c     | mt/gu |
| 713 charleston ct         |                       |                   | 4"   | 4/14/15 | 2.72                 | 13:17                  | 13:32          | 8.9  | 7   | 0.03                  | 400           | 6000      | b-c     | mt/gu |
| lewell/edgewood           |                       |                   | 6"   | 4/14/15 | 2.77                 | 14:08                  | 15:05          | 9.1  | 3   | 0.01                  | 500           | 28500     | b-c     | mt/gu |

**BLOW-OFF FLUSHING LIST- (DEAD ENDS)**

Abbreviations: B=Brown Water, Y=Yellow Water, C=Clear Water

| #   | Location                               | Water Shed CreekID | Length of Main | Size | Date    | Chlorine Residual | Flush Time Start | Flush Time End | PH  | NTU | After De-Chlor | Flow read. | Ttl. Flow | Quality | IN.   |
|-----|--|--------------------|----------------|------|---------|-------------------|------------------|----------------|-----|-----|----------------|------------|-----------|---------|-------|
| 121 | 4125 Wilkie Ct.                        | bc                 | 190'           | 4"   | 7/10/14 | 2.08              | 10:35            | 10:49          | 8.4 | 0   | 0.06           | 200        | 2217      | o-c     | mp/tk |
| 122 | 4129 El Camino Way                     | bc                 | 201'           | 6"   | 7/22/14 | 2.26              | 14:05            | 14:12          | 9.3 | 0   | 0.05           | 450        | 2494      | o-c     | mp/tk |
| 123 | 464 Tennessee Ln.                      | bc                 | 366'           | 6"   | 5/27/14 | 2.2               | 14:56            | 15:08          | 9.2 | 2   | 0.01           | 450        | 4275      | o-c     | mp/tk |
| 124 | 470 Carolina Ln.                       | bc                 | 303'           | 4"   | 5/27/14 | 2.33              | 14:03            | 14:13          | 9.1 | 3   | 0.00           | 200        | 1583      | o-c     | mp/tk |
| 125 | 245 Whitclem Ct.                       | ac                 | 85'            | 4"   | 7/10/14 | 2.03              | 12:17            | 12:26          | 5.2 | 1   | 0.11           | 200        | 1425      | o-c     | mp/tk |
| 126 | 281 Whitclem Way                       | ac                 | 150'           | 4"   | 7/10/14 | 2.08              | 12:34            | 12:44          | 8.3 | 1   | 0.05           | 200        | 1583      | o-c     | mp/tk |
| 127 | 361 Whitclem Pl.                       | ac                 | 183'           | 4"   | 7/22/14 | 2.34              | 13:09            | 13:48          | 9.2 | 2   | 0.05           | 200        | 6175      | o-c     | mp/tk |
| 128 | 4224 Darlington Ct.                    | ac                 | 183'           | 4"   | 7/10/14 | 2.28              | 12:52            | 13:02          | 9.2 | 0   | 0.03           | 200        | 1583      | o-c     | mp/tk |
| 129 | 4254 Newberry Ct.                      | ac                 | 227'           | 4"   | 7/10/14 | 2.22              | 13:58            | 14:12          | 7.7 | 0   | 0.05           | 200        | 2217      | o-c     | mp/tk |
| 130 | 4394 Miller Ave.                       | ac                 | 728'           | 6"   | 7/23/14 | 2.12              | 14:30            | 14:57          | 8.5 | 1   | 0.00           | 450        | 9619      | o-c     | mp/tk |
| 131 | 4374 Miller Ct.                        | ac                 | 525'           | 4"   | 7/23/14 | 2.18              | 13:27            | 14:23          | 8.2 | 2   | 0.01           | 200        | 8867      | o-c     | mp/tk |
| 132 | 4331 Cesano Ct.                        | ac                 | 780'           | 4"   | 7/10/14 | 2.18              | 14:05            | 14:53          | 9.2 | 1   | 0.00           | 200        | 7600      | o-c     | mp/tk |
| 133 | 4360 Silva Ct.                         | ac                 | 504'           | 4"   | 7/31/14 | 2.15              | 14:20            | 14:30          | 9.3 | 1   | 0.00           | 200        | 1583      | o-c     | mp/tk |
| 134 | 4392 Silva Ave. ( MV / Inter-connect ) | ac                 | 591'           | 8"   | 7/31/14 | 2.17              | 13:32            | 14:15          | 9.4 | 2   | 0.04           | 800        | 27233     | o-c     | mp/tk |
| 135 | 201` Monroe Dr. ( MV / Inter-connect ) | ac                 | 3'             | 10"  | 7/31/14 | 2.17              | 14:39            | 14:47          | 9.4 | 1   | 0.02           | 1250       | 7917      | o-c     | mp/tk |
| 136 | 4275 McKellar Ln.                      | bc                 | 815'           | 6"   | 8/4/14  | 2.16              | 13:36            | 13:43          | 7.6 | 2   | 0.02           | 450        | 2494      | o-c     | mt/mp |
| 137 | 4244 Lorabelle Ct.                     | bc                 | 131'           | 4"   | 8/4/14  | 2.25              | 13:25            | 13:33          | 9.0 | 2   | 0.02           | 200        | 1267      | o-c     | mt/mp |
| 138 | 3650 La Calle Ct.                      | ss*                | 190'           | 4"   | 8/4/14  | 2.12              | 14:36            | 14:54          | 9.2 | 0   | 0.02           | 200        | 2850      | o-c     | mt/mp |
| 139 | 3740 Carlitos Ct.                      | mc                 | 180'           | 4'   | 8/21/14 | 2.39              | 12:29            | 12:37          | 9.1 | 2   | 0.00           | 200        | 1267      | b-c     | mp/tk |
| 140 | 3747 La Calle Ct.                      | ss*                | 260'           | 4"   | 8/21/14 | 2.38              | 12:08            | 12:19          |     |     |                | 200        | 1742      | b-c     | mp/tk |
| 141 | 825 Ilima Ct.                          | mc                 | 409'           | 4"   | 8/21/14 | 2.01              | 13:07            | 13:23          | 9.5 | 2   | 0.00           | 200        | 2533      | b-c     | mp/tk |
| 142 | 3744 Laguna Oaks Pl.                   | mc                 | 225'           | 4"   | 8/21/14 | 2                 | 12:44            | 12:59          | 9.3 | 3   | 0.01           | 200        | 2375      | b-c     | mp/tk |
| 143 | 1014 Paradise Way                      | mc                 | 137'           | 6"   | 8/21/14 | 2.01              | 14:17            | 14:30          | 9.4 | 4   | 0.04           | 450        | 4631      | o-c     | mp/tk |
| 144 | 1017 Paradise Way                      | mc                 | 88'            | 6"   | 8/21/14 | 2                 | 13:55            | 14:13          | 9.5 | 1   | 0.05           | 450        | 6413      | b-c     | mp/tk |
| 145 | 1096 McGregor Way                      | mc                 | 144'           | 6"   | 8/21/14 | 2                 | 14:55            | 15:02          | 9.8 | 3   | 0.05           | 450        | 2494      | o-c     | mp/tk |
| 146 | 980 Shauna Ln.                         | ss*                | 357'           | 6"   | 8/26/14 | 2.01              | 14:45            | 14:53          |     |     |                | 450        | 2850      | o-c     | mp/tk |
| 147 | 4095 El Cerrito Rd.                    | bc                 | 229'           | 8"   | 8/27/14 | 2                 | 14:28            | 14:34          |     |     |                | 800        | 3800      | b-c     | mp/tk |
| 148 | 3925 El Cerrito Rd.                    | bc                 | 626'           | 8"   | 8/27/14 | 2                 | 14:10            | 14:20          | 9.2 | 1   | 0.00           | 800        | 6333      | b-c     | mp/tk |

**BLOW-OFF FLUSHING LIST- (DEAD ENDS)**

Abbreviations: B=Brown Water, Y=Yellow Water, C=Clear Water

| #   | Location                                | Water Shed CreekID | Length of Main | Size | Date    | Chlorine Residual | Flush Time Start | Flush Time End | PH  | NTU | After De-Chlor | Flow read. | Ttl. Flow | Quality | IN.   |
|-----|---|--------------------|----------------|------|---------|-------------------|------------------|----------------|-----|-----|----------------|------------|-----------|---------|-------|
| 149 | 627 Georgia Ave.                        | bc                 | 300'           | 4"   | 3/19/14 | 2.02              | 10:10            | 10:42          | 8.3 | 12  | 0.05           | 200        | 5067      | y-c     | mt/mp |
| 150 | 4138 Amaranta Ct.                       | ss*                | 177'           | 4'   | 8/28/14 | 2.43              | 14:10            | 14:20          |     |     |                | 200        | 1583      | b-c     | mp/tk |
| 151 | 3537 Julie Ct.                          | ss*                | 136'           | 6"   | 8/28/14 | 2.41              | 14:28            | 14:45          |     |     |                | 450        | 6056      | b-c     | mp/tk |
| 152 | 4139 Frandon Ct.                        | mc                 | 270'           | 6"   | 8/28/14 | 2:49              | 13:50            | 14:00          | 8.5 | 10  | 0.00           | 450        | 3562      | b-c     | mp/tk |
| 153 | 4135 Maybell Way                        | bc                 | 355'           | 4"   | 8/28/14 | 2.39              | 13:10            | 13:40          | 9.5 | 6   | 0.05           | 200        | 4750      | b-c     | mp/tk |
| 154 | 556 Pena Ct.                            | bc                 | 197'           | 4"   | 8/27/14 | 2.41              | 14:41            | 14:55          | 9.3 | 1   | 0.02           | 200        | 2217      | b-c     | mp/tk |
| 155 | 540 Irven Ct.                           | ss*                | 165'           | 4"   | 9/3/14  | 2.66              | 8:40             | 9:22           |     |     |                | 200        | 6650      | b-c     | mp/tk |
| 156 | 567 Irven Ct.                           | ss*                | 184'           | 4"   | 9/3/14  | 2.65              | 9:29             | 9:40           |     |     |                | 200        | 1742      | b-c     | mp/tk |
| 157 | 305 Tioga Ct.                           | ac                 | 380'           | 4"   | 9/4/14  | 2.64              | 14:10            | 14:18          | 9.1 | 0   | 0.05           | 200        | 1267      | b-c     | mt/tk |
| 158 | 321 Diablo Ct.                          | ac                 | 380'           | 4"   | 9/4/14  | 2.75              | 14:25            | 14:33          | 9.3 | 1   | 0.03           | 200        | 1267      | b-c     | mt/tk |
| 159 | 222 Scripps Ct.                         | ac                 | 320'           | 4"   | 9/4/14  | 2.57              | 14:45            | 15:03          | 8.2 | 0   | 0.00           | 200        | 2850      | b-c     | mt/tk |
| 160 | 3861 Grove Ct.                          | ac                 | 85'            | 4'   | 8/11/14 | 2.46              | 13:45            | 13:51          | 8.5 | 8   | 0.00           | 200        | 950       | b-c     | jw    |
| 161 | 3878 Grove Ave.                         | ac                 | 525'           | 6"   | 8/11/14 | 2.46              | 14:03            | 14:07          | 8.5 | 5   | 0.00           | 450        | 1425      | b-c     | jw    |
| 162 | 3888 Grove Ave.                         | ac                 | 57'            | 6"   | 8/11/14 | 2.3               | 14:20            | 14:26          | 8.7 | 7   | 0.09           | 450        | 2137      | y-c     | jw    |
| 163 | 3923 Grove Ct.                          | ac                 | 197'           | 4'   | 8/11/14 | 2.16              | 14:45            | 15:05          | 9.2 | 9   | 0.00           | 200        | 3167      | y-c     | jw    |
| 164 | 638 Keats Ct.                           | ac                 | 280'           | 4"   | 9/9/14  | 2.58              | 9:28             | 9:40           | 8.6 | 0   | 0.00           | 200        | 1900      | o-c     | mt/tk |
| 165 | 770 Gailen Ct.                          | ac                 | 140'           | 4'   | 7/30/14 | 2.27              | 14:30            | 14:43          |     | 4   | 0.06           | 200        | 2058      | y-c     | tk/jw |
| 166 | 723 Gailen Ct.                          | ac                 | 200'           | 4"   | 7/30/14 | 2.27              | 14:47            | 14:51          |     | 4   | 0.06           | 200        | 633       | y-c     | tk/jw |
| 167 | 713 Charleston Ct.                      | ac                 | 230'           | 4"   | 7/10/14 | 2.18              | 15:09            | 15:18          | 8.7 | 2   | 0.02           | 200        | 1425      | o-c     | mp/tk |
| 168 | 741 Ensign Way.                         | ac                 | 345'           | 6"   | 7/22/14 | 2.25              | 15:00            | 15:15          | 9.1 | 2   | 0.03           | 450        | 5344      | o-c     | mt/tk |
| 169 | 4147 Byron St.                          | ac                 |                | 6"   | 9/9/14  | 2.6               | 10:09            | 10:15          | 8.9 | 0   | 0.01           | 450        | 2137      | o-c     | mt/tk |
| 170 | 670 San Antonio Ave. / Building 25      | ac                 | 288'           | 4'   | 9/9/14  | 2.57              | 10:33            | 10:43          | 8.9 | 0   | 0.03           | 200        | 1583      | o-c     | mt/tk |
| 171 | 670 San Antonio Ave. / Building 13      | ac                 | 218'           | 4"   | 9/9/14  | 2.56              | 12:27            | 12:54          | 8.4 | 0   | 0.05           | 200        | 4275      | o-c     | mt/tk |
| 172 | 670 San Antonio Ave. / Building 9       | ac                 | 265'           | 4"   | 9/9/14  | 2.6               | 13:00            | 13:14          | 9.0 | 0   | 0.05           | 200        | 2217      | o-c     | mt/tk |
| 173 | 3879 May Ct. (Notify prior to flushing) | ac                 | 390'           | 6"   | 9/9/14  | 2.58              | 13:37            | 13:55          | 9.3 | 0   | 0.00           | 450        | 6412      | o-c     | mt/tk |
| 174 | 749 Maple Wood Pl.                      | ac                 | 233'           | 4"   | 9/9/14  | 2.44              | 14:09            | 14:44          | 9.1 | 1   | 0.04           | 200        | 5542      | o-c     | mt/tk |
| 175 | 3750 Wrights Pl.                        | ac                 | 274'           | 4"   | 9/11/14 | 2.91              | 9:47             | 10:05          | 9.1 | 4   | 0.00           | 200        | 2850      | o-c     | mp/tk |
| 176 | 3361 Emerson Ct.                        | bc                 | 330'           | 6"   | 9/11/14 | 2.18              | 10:17            | 10:40          | 8.8 | 0   | 0.01           | 450        | 8194      | o-c     | mp/tk |

**BLOW-OFF FLUSHING LIST- (DEAD ENDS)**

Abbreviations: B=Brown Water, Y=Yellow Water, C=Clear Water

| #   | Location                       | Water Shed CreekID | Length of Main | Size | Date    | Chlorine Residual | Flush Time Start | Flush Time End | PH  | NTU | After De-Chlor | Flow read. | Ttl. Flow | Quality | IN.   |
|-----|--------------------------------|--------------------|----------------|------|---------|-------------------|------------------|----------------|-----|-----|----------------|------------|-----------|---------|-------|
| 177 | 3998 Bibbits Ct.               | ac                 | 360'           | 4"   | 9/9/14  | 2.53              | 14:56            | 15:07          | 8.7 | 5   | 0.05           | 200        | 1742      | o-c     | mt/tk |
| 178 | 4185 Cherry Oaks Pl. - hydrant | bc                 | 330'           | 6"   | 9/16/14 | 2.16              | 13:53            | 14:08          | 9.3 | 1   | 0.01           | 450        | 5344      | o-c     | mp/tk |
| 179 | 4161 King Arthurs Ct.          | bc                 | 465'           | 6"   | 8/6/14  | 2.26              | 14:56            | 15:09          | 7.9 | 3   | 0.02           | 450        | 4631      | o-c     | tk/mt |
| 180 | 4252 Los Palos Pl.             | ac                 | 250'           | 4"   | 8/6/14  | 2.3               | 14:33            | 14:46          | 9.0 | 1   | 0.02           | 200        | 2058      | o-c     | tk/mt |
| 181 | 4280 Los Palos Cir.            | ac                 | 136'           | 4"   | 8/6/14  | 2.31              | 14:16            | 14:29          | 9.2 | 3   | 0.23           | 200        | 2058      | o-c     | tk/mt |
| 182 | 663 Glenbrook Dr.              | ac                 | 197'           | 6"   | 8/5/14  | 2.21              | 13:58            | 14:26          | 9.0 | 6   | 0.02           | 450        | 9975      | o-c     | mt/mp |
| 183 | 566 Glenbrook Dr.              | ac                 | 490'           | 6"   | 9/16/14 | 2.67              | 10:40            | 11:06          | 9.5 | 2   | 0.01           | 450        | 9263      | o-c     | mp/tk |
| 184 | Cypress Lane                   | ss*                | 760'           | 6"   | 9/16/14 | 2.87              | 11:43            | 11:53          |     |     |                | 450        | 3562      | o-c     | mt/tk |
| 185 | 3802 Magnolia Ct.              | ss*                | 207'           | 6"   | 9/16/14 | 1.93              | 13:03            | 13:09          |     |     |                | 450        | 2137      | o-c     | mt/tk |
| 186 | 810 Mesa Ct.                   | bc                 | 487'           | 6"   | 9/3/14  | 2.61              | 13:57            | 14:13          | 9.6 | 2   | 0.02           | 450        | 5700      | b-c     | mp/tk |
| 187 | 4196 Mesa Ave.                 | bc                 | 150'           | 4"   | 9/3/14  | 2.5               | 13:04            | 13:20          | 9.5 | 3   | 0.05           | 200        | 2533      | b-c     | mp/tk |
| 188 | 830 Arroyo Ct.                 | ac                 | 225'           | 6"   | 9/3/14  | 2.63              | 9:50             | 10:06          | 9.6 | 1   | 0.05           | 450        | 5700      | b-c     | mp/tk |
| 189 | 854 Miranda Green Ct.          | ac                 | 600'           | 6"   | 9/3/14  | 2.44              | 10:12            | 10:36          | 9.1 | 2   | 0.03           | 450        | 8550      | b-c     | mp/tk |
| 190 | 840 Moana Ct.                  | ac                 | 450'           | 6"   | 9/3/14  | 2.52              | 10:40            | 11:00          | 9.2 | 1   | 0.01           | 450        | 7125      | b-c     | mp/tk |
| 191 | 4339 Miranda Ct.               | ac                 | 125'           | 4"   | 9/3/14  | 2.51              | 11:05            | 11:49          | 9.2 | 2   | 0.05           | 200        | 6967      | b-c     | mp/tk |
| 192 | 4369 Miranda Ave.              | ab                 | 3700'          | 8"   |         |                   |                  |                |     |     |                | 800        | 0         |         |       |
| 193 | 4290 Manuela Way               | mc                 | 570'           | 6"   | 9/3/14  | 2.56              | 14:21            | 14:38          | 9.5 | 1   | 0.01           | 450        | 6056      | b-c     | mp/tk |
| 194 | 550 Chimalus Dr.               | mc                 | 425'           | 6"   | 9/11/14 | 2.58              | 13:24            | 13:46          | 7.8 | 0   | 0.05           | 450        | 7838      | o-c     | mt/tk |
| 195 | 719 West Place (Garland Dr.)   | mc                 | 157'           | 6"   | 4/14/14 | 1.94              | 11:42            | 11:59          | 8.2 | 2   | 0.02           | 450        | 6056      | b-c     | mt/mp |
| 196 | 766 East Place (Garland Dr.)   | mc                 | 172'           | 6"   | 4/14/14 | 1.91              | 11:20            | 16:58          | 8.3 | 4   | 0.00           | 450        | 120413    | b-c     | mt/mp |
| 197 | 860 San Jude Ave.              | mc                 | 497'           | 6"   | 9/11/14 | 2.96              | 13:58            | 14:15          | 9.5 | 0   | 0.05           | 450        | 6056      | o-c     | mt/tk |
| 198 | 748 San Jude Ave.              | ss*                | 354'           | 6"   | 9/11/14 | 3.19              | 14:29            | 14:43          |     |     |                | 450        | 4988      | o-c     | mt/tk |
| 199 | 2250 St. Francis Dr.           | ss*                | 400'           | 6"   | 9/18/14 | 2.05              | 10:10            | 10:35          |     |     |                | 450        | 8906      | o-c     | mp/mt |
| 200 | 25955 Estacada Way             | mc                 | 220'           | 8"   | 9/17/14 | 1.83              | 14:45            | 15:17          | 9.6 | 7   | 0.05           | 800        | 20267     | y-c     | mp/mt |
| 201 | 4158 Crosby Pl.                | bc                 | 123'           | 4"   | 9/16/14 | 2.11              | 14:34            | 15:10          | 9.4 | 2   | 0.01           | 200        | 5700      | b-c     | mp/tk |
| 202 | 4172 Wallis Ct.                | bc                 | 155'           | 4"   | 9/16/14 | 1.97              | 14:15            | 14:29          | 9.3 | 2   | 0.00           | 200        | 2217      | b-c     | mp/tk |
| 203 | 890 Robb Rd.                   | bc                 | 845'           | 6"   | 9/3/14  | 2.6               | 14:53            | 15:12          | 9.5 | 1   | 0.00           | 450        | 6769      | b-c     | mp/tk |
| 204 | 4160 Rincon Circle             | bc                 | 275'           | 4"   | 9/17/14 | 1.11              | 13:23            | 13:31          | 8.9 | 4   | 0.00           | 200        | 1267      | o-c     | mp/tk |

**BLOW-OFF FLUSHING LIST- (DEAD ENDS)**

Abbreviations: B=Brown Water, Y=Yellow Water, C=Clear Water

| #   | Location                                     | Water Shed CreekID | Length of Main | Size | Date    | Chlorine Residual | Flush Time Start | Flush Time End | PH  | NTU | After De-Chlor | Flow read. | Ttl. Flow | Quality | IN.   |
|-----|--|--------------------|----------------|------|---------|-------------------|------------------|----------------|-----|-----|----------------|------------|-----------|---------|-------|
| 205 | Clark Wy. (2" blowoff Stanford interconnect) | sfc                | 32'            | 8"   |         |                   |                  |                |     |     |                | 800        | 0         |         |       |
| 206 | 1850 Oak Creek Apts. (Sandhill Rd.)          | sfc                |                | 10"  | 9/17/14 | 2.56              | 11:08            | 12:45          | 9.5 | 5   | 0.01           | 1250       | 95990     | y-c     | mp/mt |
| 207 | 1791 Caballo Lane (Arastradero Rd.)landscp   | sfc                | 10'            | 10"  | 9/17/14 | 2.62              | 13:05            | 13:36          |     |     |                | 1250       | 30677     | b-c     | mp/mt |



## **FY 2014-2015 City of Palo Alto Annual Report**

### **Glossary**

ABAG – Association of Bay Area Governments

BAPPG – Bay Area Pollution Prevention Group

BASMAA – Bay Area Stormwater Management Agencies Association

BMP – Best Management Practice

CASQA – California Stormwater Quality Association

CCAG – Creek Connections Action Group

CDS – Continuous Deflective Separator

CFL – Compact Fluorescent Light

CWEA – California Water Environment Association

DO – Dissolved Oxygen

DPR – Department of Pesticide Regulation

EPA – Environmental Protection Agency

ERP – Enforcement Response Plan

FOG – Fats, Oil, and Grease

FY – Fiscal Year

GPM – Gallons per Minute

HHW – Household Hazardous Waste

HM – Hydromodification Management

ICID – Illicit Connection/Illegal Discharge

IDDE – Illicit Discharge Detection and Elimination

IND AHTG - Industrial and Commercial Ad Hoc Task Group

IPM – Integrated Pest Management

LID – Low Impact Development

MRP – Municipal Regional Permit

MS4 – Municipal Separate Storm Sewer System

N/A – Not Applicable

NOI – Notice of Intent

NPDES – National Pollution Discharge Elimination System

NPS – Nonpoint Source

O & M – Operation and Maintenance

PSA – Public Service Announcement

RWQCB – Regional Water Quality Control Board

RWQCP – Palo Alto Regional Water Quality Control Plant

SCVURPPP – Santa Clara Valley Urban Runoff Pollution Prevention Program

SCVWD – Santa Clara Valley Water District

sf – square feet

SIC – Standard Industrial Code

SMaRT – Sunnyvale Materials Recovery and Transfer Station

SOP – Standard Operating Procedure

SWIDS – Storm Water Infiltration Device System

SWPPP – Storm Water Pollution Prevention Program

TBD – To Be Determined

URMP – Urban Runoff Management Plan

VTA – Santa Clara Valley Transportation Authority

WMI – Watershed Management Initiative

WUPPP – Water Utility Pollution Prevention Plan

YCS – Youth Community Service

ZLI – Zero Litter Initiative

# FY 2014-15 City of Palo Alto Storm Water Annual Report

## Table of Contents for Appendices

### Section 4 – Provision C.4 Industrial and Commercial Site Controls

Appendix 4-1: C.4.b.iii.(1) Potential Facilities List

Appendix 4-2: C.4.b.iii.(2) Facilities Scheduled for Inspection

Appendix 4-3: C.4.c.iii.(3) Types of Violations Noted by Business Category

### Section 5 -- Provision C.5 Illicit Discharge Detection and Elimination

Appendix 5-1: C.5.c.iii Complaint and Spill Response Phone Number and Spill Contact List

### Section 9 – Provision C.9 Pesticides Toxicity Controls

Appendix 9-1: C.9.d City of Palo Alto IPM Contract Language

Appendix 4-1  
C.4.b.iii.(1) Potential Facilities List

**PERMITTED ACTIVE FACILITIES**

| Business Name                        | Street No | Street Name            | City      | Business Type                     |
|--------------------------------------|-----------|------------------------|-----------|-----------------------------------|
| ACME BIOSCIENCES                     | 3941      | EAST BAYSHORE ROAD     | PALO ALTO | BIOTECH LAB                       |
| ANACOR PHARMACEUTICALS, INC.         | 1060      | EAST MEADOW CIRCLE     | PALO ALTO | PHARM/RESEARCH                    |
| ANACOR PHARMACEUTICALS, INC.         | 1020      | EAST MEADOW CIRCLE     | PALO ALTO | DEVELOPMENT S                     |
|                                      |           |                        |           |                                   |
| LLC                                  | 811       | HANSEN WAY (BLDG. 2)   | PALO ALTO | METAL FINISHING                   |
| DIFFRACTION OPTICS                   | 4035      | TRANSPORT STREET       | PALO ALTO | OPTICAL POLISHING AND GRINDING    |
| GENENCOR (A DANISCO DIVISION)        | 925       | PAGE MILL ROAD         | PALO ALTO | BIOTECHNOLOGY R&D                 |
| GOOCH AND HOUSEGO (PALO ALTO), LLC   | 1040      | EAST MEADOW CIRCLE     | PALO ALTO | SEMI-CONDUCTOR                    |
| HAMMON PLATING CORPORATION           | 890       | COMMERCIAL STREET      | PALO ALTO | PRECIOUS METAL PLATING            |
| HEWLETT PACKARD 1-6                  | 1501      | 1129                   | PALO ALTO | NON-CATEGORICAL SIU               |
| HILLVIEW CLINICAL LAB                | 3375      | HILLVIEW AVENUE        | PALO ALTO | CLINICAL LAB OF STANFORD HOSPITAL |
| L.S.P. CHILDREN'S HOSPITAL           | 725       | WELCH ROAD             | PALO ALTO | HOSPITAL AND MEDICAL SERVICES     |
| COMPANY                              | 3251      | HANOVER STREET         | PALO ALTO | AEROSPACE RESEARCH                |
| MERCK SHARP & DOHME CORPORATION      | 855       | AVENUE                 | PALO ALTO | PHARMACEUTICAL RESEARCH           |
| MERCK SHARP & DOHME CORPORATION      | 901       | SOUTH CALIFORNIA AVE   | PALO ALTO | PHARMACEUTICAL RESEARCH           |
| ONED MATERIAL, LLC                   | 2625      | HANOVER STREET         | PALO ALTO | RESEARCH LABORATORIES             |
| PALO ALTO LANDFILL                   | 2380      | EMBARCADERO ROAD       | PALO ALTO | NON-EPA                           |
| PALO ALTO MEDICAL FOUNDATION PALO    | 795       | & C                    | PALO ALTO | MEDICAL CLINIC                    |
| ALTO RESEARCH CENTER, INC. PALO ALTO | 3333      | COYOTE HILL ROAD       | PALO ALTO | ELECTRONIC                        |
| RESEARCH CENTER, INC. SPACE SYSTEMS/ | 3406      | 34                     | PALO ALTO | ELECTRONIC                        |
| LORAL, LLC                           | 3825      | FABIAN WAY             | PALO ALTO | SATELLITE SYSTEM MFG.             |
| SPACE SYSTEMS/LORAL, LLC             | 1034      | /1036 E. MEADOW CIRCLE | PALO ALTO | ETCHING, GRINDING, POLISHING      |
|                                      |           |                        |           |                                   |
| STANFORD SCHOOL OF MEDICINE          | 3373      | HILLVIEW AVENUE        | PALO ALTO | RESEAR                            |
| STANFORD SCHOOL OF MEDICINE          | 1050      | ARASTRADERO ROAD       | PALO ALTO | BIOMEDICAL RESEARCH               |
|                                      |           |                        |           |                                   |

**PERMITTED ACTIVE FACILITIES**

| Business Name                   | Street No | Street Name       | City      | Business Type                   |
|---------------------------------|-----------|-------------------|-----------|---------------------------------|
| STANFORD SCHOOL OF MEDICINE     | 3165      | PORTER DRIVE      | PALO ALTO | BIOMEDICAL RESEARCH             |
| STANFORD SCHOOL OF MEDICINE     | 3155      | PORTER DRIVE      | PALO ALTO | BIOMEDICAL RESEARCH             |
| TARGET DISCOVERY, INC.          | 4030      | FABIAN WAY        | PALO ALTO | BIOTECH                         |
| TESLA MOTORS INC.               | 3500      | DEER CREEK ROAD   | PALO ALTO | VEHICLE BATTERY MANUFACTURING   |
| TRANSLUCENT PHOTONICS           | 952       | COMMERICAL STREET | PALO ALTO | SEMICONDUCTOR RESEARCH LAB      |
| VA PALO ALTO HEALTH CARE SYSTEM | 3801      | MIRANDA AVENUE    | PALO ALTO | EPA NON-CATEGORICAL SIGNIFICANT |
| VARIAN MEDICAL SYSTEMS          | 3120      | HANSEN WAY        | PALO ALTO | MEDICAL EQUIPMENT R & D         |

## VEHICLE SERVICE FACILITIES

| Business Name                       | Street No. | Street Name                 | City      | Business Type |
|-------------------------------------|------------|-----------------------------|-----------|---------------|
| 4LESS SMOG CHECK                    | 3508       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| ADVANTAGE AVIATION                  | 1903       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| AKINS BODY SHOP                     | 3045       | PARK BOULEVARD              | PALO ALTO | VEHICLE       |
| AKINS BODY SHOP #2                  | 2905       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| ANDERSON HONDA                      | 1766       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| ARCO-PSIS479                        | 699        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| ART'S BODYCRAFT                     | 280        | LAMBERT AVENUE              | PALO ALTO | VEHICLE       |
| AUTO PRIDE CAR WASH                 | 841        | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| AVIS/BUDGET RENT-A-CAR-PA           | 4230       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| BARRON PARK SHELL SERVICE           | 3601       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| BRAD LOZARES GOLF PRO SHOP          | 1875       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| CARLSEN AUDI, INC.                  | 1730       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| CHEVRON USA                         | 3897       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| CMK AUTOMOTIVE, INC.                | 904        | INDUSTRIAL AVENUE           | PALO ALTO | VEHICLE       |
| D & M MOTORS                        | 190        | CHANNING AVENUE             | PALO ALTO | VEHICLE       |
| DAVE'S AUTO REPAIR                  | 830        | EAST CHARLESTON ROAD        | PALO ALTO | VEHICLE       |
| E-CAR                               | 439        | LAMBERT AVENUE              | PALO ALTO | VEHICLE       |
| ELITE AUTO PERFORMANCE              | 1963       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| EMBARCADERO SHELL                   | 1161       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| ENTERPRISE RENT-A-CAR, PA           | 814        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| ENTERPRISE RENT-A-CAR, PA2          | 4193       | EL CAMINO REAL,             | PALO ALTO | VEHICLE       |
| EUROPEAN/ASIAN AUTO SHOP            | 111        | HOMER AVENUE                | PALO ALTO | VEHICLE       |
| FIMBRES' BROTHERS                   | 906        | INDUSTRIAL AVENUE           | PALO ALTO | VEHICLE       |
| HEINICHEN'S GARAGE                  | 960        | HIGH STREET                 | PALO ALTO | VEHICLE       |
| HENGELHOLD TRUCK RENTAL             | 762        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| HIGH STREET AUTO                    | 904        | HIGH STREET                 | PALO ALTO | VEHICLE       |
| JEFFY LUBE #1297                    | 4195       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| JEFFY LUBE#1283                     | 4201       | MIDDLEFIELD ROAD            | PALO ALTO | VEHICLE       |
| JIM DAVIS AUTOMOTIVE/VALERO         | 3972       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| KMAS, INC.                          | 1001       | EAST CHARLESTON ROAD        | PALO ALTO | VEHICLE       |
| MAGNUSSEN'S TOYOTA OF PALO ALTO     | 690        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| MATHEWS-CARLSEN BODY WORKS          | 2480       | FABER PLACE                 | PALO ALTO | VEHICLE       |
| MECHANICA AUTOMOTIVE                | 788        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| MEISSNER AUTOMOTIVE                 | 811        | EAST CHARLESTON ROAD        | PALO ALTO | VEHICLE       |
| MSC GARAGE                          | 3201       | EAST BAYSHORE ROAD          | PALO ALTO | VEHICLE       |
| MUNICIPAL GOLF COURSE MAINTENANCE   | 1875       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| NINE MINUTE OIL & LUBE              | 3839       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| OIL CHANGERS                        | 780        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| PALO ALTO AIRPORT                   | 1925       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| PALO ALTO BMW                       | 799        | ALMA STREET                 | PALO ALTO | VEHICLE       |
| PALO ALTO FIRE STATION #1           | 301        | ALMA STREET                 | PALO ALTO | VEHICLE       |
| PALO ALTO FIRE STATION #2           | 2675       | HANOVER STREET              | PALO ALTO | VEHICLE       |
| PALO ALTO FIRE STATION #3           | 799        | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| PALO ALTO FIRE STATION #4           | 3600       | MIDDLEFIELD ROAD            | PALO ALTO | VEHICLE       |
| PALO ALTO FIRE STATION #5           | 600        | ARASTRADERO ROAD            | PALO ALTO | VEHICLE       |
| PALO ALTO FUEL SERVICE              | 1901       | EMBARCADERO ROAD, SUITE 101 | PALO ALTO | VEHICLE       |
| PALO ALTO GERMAN CAR CORP           | 3939       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| PALO ALTO HILLS GOLF & COUNTRY CLUB | 3000       | ALEXIS DRIVE                | PALO ALTO | VEHICLE       |
| PALO ALTO SPEEDOMETER               | 718        | EMERSON STREET              | PALO ALTO | VEHICLE       |

## VEHICLE SERVICE FACILITIES

| Business Name                    | Street No. | Street Name                 | City      | Business Type |
|----------------------------------|------------|-----------------------------|-----------|---------------|
| PALO ALTO UNIF SCH'L DIST: PA HS | 25         | CHURCHILL AVENUE            | PALO ALTO | VEHICLE       |
| PALO ALTO UNOCAL SERVICE         | 835        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| PARK AUTOMOTIVE SERVICE          | 3040       | PARK BOULEVARD              | PALO ALTO | VEHICLE       |
| PARK AVENUE MOTORS               | 3241       | PARK BOULEVARD              | PALO ALTO | VEHICLE       |
| ROSSI AIRCRAFT, INC.             | 1903       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| SAY RAY AUTO SERVICE             | 3251       | ASH STREET                  | PALO ALTO | VEHICLE       |
| SHERMAN'S AUTO SERVICE           | 699        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| SMOG PROS/ARCO                   | 840        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| STANFORD AUTO CARE               | 290        | LAMBERT AVENUE              | PALO ALTO | VEHICLE       |
| STREETFX CUSTOMS                 | 748        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| TESLA MOTORS, INC.               | 4180       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| THE CAR DOCTOR                   | 710        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| VALERO USA, PA                   | 705        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| VALERO USA-PA2                   | 1963       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| VIKING MOTOR BODY CO. INC.       | 2904       | ASH STREET                  | PALO ALTO | VEHICLE       |
| VOLVO OF PALO ALTO (McLAREN)     | 4190       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| WEST VALLEY AIRCRAFT SERVICES    | 1901       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| WEST VALLEY FLYING CLUB          | 1901       | EMBARCADERO ROAD, SUITE 100 | PALO ALTO | VEHICLE       |
| YEAMAN AUTO BODY                 | 2025       | EAST BAYSHORE ROAD          | PALO ALTO | VEHICLE       |

FOOD SERVICE ESTABLISHMENTS

| Business Name                 | Street No | Street Name    | Unit   | City      | Business Type |
|-------------------------------|-----------|----------------|--------|-----------|---------------|
| 260 California Ave            | 260       | California     |        | PALO ALTO | FOOD SERVICE  |
| 7-ELEVEN FOOD STORE #18584    | 401       | Waverley       |        | PALO ALTO | FOOD SERVICE  |
| 7-ELEVEN STORE #2234-14315G   | 708       | Colorado       |        | PALO ALTO | FOOD SERVICE  |
| A G FERRARI FOODS             | 200       | Hamilton       |        | PALO ALTO | FOOD SERVICE  |
| A1 LIQUORS                    | 3866      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| ABUNDANT AIR CAFE             | 1901      | Embarcadero    | 103    | PALO ALTO | FOOD SERVICE  |
| ACE OF SANDWICHES, THE        | 3866      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| ADDISON                       | 650       | Addison        |        | PALO ALTO | FOOD SERVICE  |
| ADLAI E STEVENSON HOUSE       | 455       | Charleston     |        | PALO ALTO | FOOD SERVICE  |
| Alkymists                     | 140       | University     |        | PALO ALTO | FOOD SERVICE  |
| ALL SAINT EPISCOPAL CHURCH    | 555       | Waverley       |        | PALO ALTO | FOOD SERVICE  |
| AMARIN THAI CUISINE           | 407       | Lytton         |        | PALO ALTO | FOOD SERVICE  |
| Amber Dhara                   | 150       | UNIVERSITY AV  |        | PALO ALTO | FOOD SERVICE  |
| American Girl                 | 180       | El Camino Real | 820    | PALO ALTO | FOOD SERVICE  |
| Anatolian Kitchen             | 2323      | Birch          |        | PALO ALTO | FOOD SERVICE  |
| ANTONIO'S NUT HOUSE           | 321       | California     |        | PALO ALTO | FOOD SERVICE  |
| AQUARIUS THEATER              | 430       | Emerson        |        | PALO ALTO | FOOD SERVICE  |
| Asian Box                     | 855       | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| AVENUE, THE                   | 403       | University     |        | PALO ALTO | FOOD SERVICE  |
| BAJA FRESH MEXICAN GRILL      | 3990      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| BARRON PARK ELEMENTARY SCHOOL | 800       | Barron         |        | PALO ALTO | FOOD SERVICE  |
| BASKIN ROBBINS ICE CREAM      | 2615      | Middlefield    |        | PALO ALTO | FOOD SERVICE  |
| Baume French Cuisine Moderne  | 201       | California     |        | PALO ALTO | FOOD SERVICE  |
| BECKMAN INSTRUMENTS CAFETERIA | 1050      | Page Mill      |        | PALO ALTO | FOOD SERVICE  |
| BEE CAFE                      | 2479      | EastBayshore   | 708    | PALO ALTO | FOOD SERVICE  |
| Belcampo Meat Company         | 855       | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| Bistro Elan                   | 2363      | Birch          |        | PALO ALTO | FOOD SERVICE  |
| BISTRO ELAN                   | 448       | California     |        | PALO ALTO | FOOD SERVICE  |
| BISTRO MAXINE                 | 548       | Ramona         |        | PALO ALTO | FOOD SERVICE  |
| Black Blue                    | 420       | Ramona         |        | PALO ALTO | FOOD SERVICE  |
| Blue Bottle                   | 456       | UNIVERSITY AV  |        | PALO ALTO | FOOD SERVICE  |
| BLUE SKY 4AW3655              | 3000      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| BON APPETIT @ AFFYMAX         | 4001      | Miranda        |        | PALO ALTO | FOOD SERVICE  |
| BON APPETIT @ WM WARE         | 3405      | Hillview       | BLDG C | PALO ALTO | FOOD SERVICE  |
| Bon Vivant Café               | 535       | Bryant         |        | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                 | Street No | Street Name    | Unit   | City      | Business Type |
|-------------------------------|-----------|----------------|--------|-----------|---------------|
| BUCA DI BEPPO                 | 643       | Emerson        |        | PALO ALTO | FOOD SERVICE  |
| Burma Ruby                    | 326       | University     |        | PALO ALTO | FOOD SERVICE  |
| CABANA-CROWN PLAZA            | 4290      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| Cafa A La Carte               | 730       | Welch          |        | PALO ALTO | FOOD SERVICE  |
| CAFE 220                      | 220       | University     | B      | PALO ALTO | FOOD SERVICE  |
| CAFE BRIOCHE                  | 445       | California     |        | PALO ALTO | FOOD SERVICE  |
| CAFÉ DEL DOGE                 | 419       | University     |        | PALO ALTO | FOOD SERVICE  |
| Café Epi                      | 405       | University     |        | PALO ALTO | FOOD SERVICE  |
| CAFE PIAZZA                   | 3000      | El Camino Real | BLDG 1 | PALO ALTO | FOOD SERVICE  |
| CAFE PRO BONO                 | 2437      | Birch          |        | PALO ALTO | FOOD SERVICE  |
| Café Venetia                  | 419       | University     |        | PALO ALTO | FOOD SERVICE  |
| CAFFE RIACE                   | 200       | Sheridan       | 102    | PALO ALTO | FOOD SERVICE  |
| CALAFIA                       | 855       | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| CALIFORNIA CAFE BAR & GRILL   | 700       | Welch          |        | PALO ALTO | FOOD SERVICE  |
| CALIFORNIA PIZZA KITCHEN      | 531       | Cowper         |        | PALO ALTO | FOOD SERVICE  |
| California Pizza Kitchen @SSC | 180       | El Camino Real | 136    | PALO ALTO | FOOD SERVICE  |
| Cardinal Sushi                | 2051      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| CASA ISABEL                   | 2434      | Park           |        | PALO ALTO | FOOD SERVICE  |
| CASTILLEJA SCHOOL             | 1310      | Bryant         |        | PALO ALTO | FOOD SERVICE  |
| CELIA'S MEXICAN RESTAURANT    | 3740      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| CHANNING HOUSE                | 850       | Waverley       |        | PALO ALTO | FOOD SERVICE  |
| CHEESECAKE FACTORY            | 375       | University     |        | PALO ALTO | FOOD SERVICE  |
| Cheesesteak Shop              | 2305B     | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| Chez Franc                    | 415       | California     |        | PALO ALTO | FOOD SERVICE  |
| CHINA DELIGHT                 | 461       | Emerson        |        | PALO ALTO | FOOD SERVICE  |
| CHINA MEI                     | 3781      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| CHIPOTLE                      | 2675      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| Chipotle @ SSC                | 180       | El Camino Real | 15A    | PALO ALTO | FOOD SERVICE  |
| CHO'S RESTAURANT              | 213       | California     |        | PALO ALTO | FOOD SERVICE  |
| CIBO RESTAURANT & BAR         | 3398      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| CINE ARTS AT PALO ALTO SQUARE | 3000      | El Camino Real | 2      | PALO ALTO | FOOD SERVICE  |
| CLASSIC RESIDENCE BY HYATT    | 620       | Sand Hill      |        | PALO ALTO | FOOD SERVICE  |
| Cocola Bakery                 | 180       | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| Coconuts                      | 642       | Ramona         |        | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                     | Street No | Street Name    | Unit | City      | Business Type |
|-----------------------------------|-----------|----------------|------|-----------|---------------|
| COLD STONE CREAMERY               | 855       | El Camino Real | 9    | PALO ALTO | FOOD SERVICE  |
| COMO ESTA TAQUERIA                | 2605      | Middlefield    | A    | PALO ALTO | FOOD SERVICE  |
| Corner Bakery                     | 3375      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| COUNTER, THE                      | 369       | California     |      | PALO ALTO | FOOD SERVICE  |
| COUNTRY SUN                       | 440       | California     |      | PALO ALTO | FOOD SERVICE  |
| COUPA CAFE                        | 538       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| COWPER INN                        | 705       | Cowper         |      | PALO ALTO | FOOD SERVICE  |
| Cream                             | 440       | University     |      | PALO ALTO | FOOD SERVICE  |
| CREPEVINE                         | 367       | University     |      | PALO ALTO | FOOD SERVICE  |
| CROSSROADS WORLD MARKET           | 720       | San Antonio    |      | PALO ALTO | FOOD SERVICE  |
| CRUSTACEAN                        | 564       | University     |      | PALO ALTO | FOOD SERVICE  |
| Curry Up Now                      | 321       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| DA SICHUAN BISTRO                 | 3781      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| DANNY BROWNS                      | 4141      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| DARBAR INDIAN CUISINE             | 129       | Lytton         |      | PALO ALTO | FOOD SERVICE  |
| DINAH'S POOLSIDE COFFEE SHOP      | 4261      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| DOMINO'S PIZZA                    | 240       | California     | B    | PALO ALTO | FOOD SERVICE  |
| DOUCE D'FRANCE                    | 855       | El Camino Real | 104  | PALO ALTO | FOOD SERVICE  |
| DRIFTWOOD MARKET                  | 3450      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| DUVENECK SCHOOL                   | 705       | Alester        |      | PALO ALTO | FOOD SERVICE  |
| Edgewood Plaza                    | 2080      | Channing       |      | PALO ALTO | FOOD SERVICE  |
| EL CARMELO SCHOOL                 | 3024      | Bryant         |      | PALO ALTO | FOOD SERVICE  |
| ELBE RESTAURANT & RUDY'S PUB      | 117       | University     |      | PALO ALTO | FOOD SERVICE  |
| Enter Business Name               | 2455      | Faber          |      | PALO ALTO | FOOD SERVICE  |
| Epi                               | 405       | UNIVERSITY AV  |      | PALO ALTO | FOOD SERVICE  |
| Epiphany Hotel                    | 180       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| EQUINOX FITNESS CLUB              | 435       | Acacia         |      | PALO ALTO | FOOD SERVICE  |
| EVVIA                             | 420       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| FACEBOOK                          | 1601      | California     |      | PALO ALTO | FOOD SERVICE  |
| FAIRMEADOW SCHOOL                 | 500       | Meadow         |      | PALO ALTO | FOOD SERVICE  |
| FAMBRINI'S TERRACE BISTRO         | 2600      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| FIGO                              | 326       | University     |      | PALO ALTO | FOOD SERVICE  |
| Fire Oak & Barley by Le Boulanger | 341       | California     |      | PALO ALTO | FOOD SERVICE  |
| First Congregational Church       | 1985      | Louis          |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                          | Street No | Street Name    | Unit | City      | Business Type |
|--|-----------|----------------|------|-----------|---------------|
| FIRST PRESBYTERIAN CHURCH              | 1140      | Cowper         |      | PALO ALTO | FOOD SERVICE  |
| FISH MARKET THE                        | 3150      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| FLEMING'S STEAKHOUSE                   | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| FOOTHILL SWIM & TENNIS CLUB            | 3351      | Miranda        |      | PALO ALTO | FOOD SERVICE  |
| FRAN'S MARKET                          | 499       | Lytton         |      | PALO ALTO | FOOD SERVICE  |
| Freebird's                             | 2305A     | El Camino      |      | PALO ALTO | FOOD SERVICE  |
| Fresh Market Grocery                   | 2080      | Channing       |      | PALO ALTO | FOOD SERVICE  |
| FRESH TASTE CHINESE GARDEN             | 2111      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| FRY'S ELECTRONICS #1                   | 340       | Portage        |      | PALO ALTO | FOOD SERVICE  |
| Fuki Sushi                             | 4119      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| GARDEN COURT HOTEL                     | 520       | Cowper         | 2    | PALO ALTO | FOOD SERVICE  |
| GARDEN FRESH                           | 460       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| GATEAU ET GANACHE                      | 3261      | Ash            | B2   | PALO ALTO | FOOD SERVICE  |
| GELATO CLASSICO #2                     | 435       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| GOOD EARTH CAFE & BAKERY               | 1520      | Page Mill      |      | PALO ALTO | FOOD SERVICE  |
| GOOD EARTH PATIO CAFE                  | 1899      | Page Mill      |      | PALO ALTO | FOOD SERVICE  |
| Google - Golden Castle Adult Day Care  | 3803      | Bayshore       |      | PALO ALTO | FOOD SERVICE  |
| Google Nest                            | 3400      | HILLVIEW AV    |      | PALO ALTO | FOOD SERVICE  |
| Gordon Biersch Brewery Restaurant      | 640       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| Gott's Roadside                        | 855       | El Camino Real | 67   | PALO ALTO | FOOD SERVICE  |
| GOURMET FRANKS                         | 180       | El Camino Real | 199  | PALO ALTO | FOOD SERVICE  |
| GREEN ELEPHANT GOURMET                 | 3950      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| Grocery Outlet Bargain Market          | 3445      | Alma           |      | PALO ALTO | FOOD SERVICE  |
| GUCKENHEIMER @ COOLEY GODWARD KRONISH  | 3175      | Hanover        |      | PALO ALTO | FOOD SERVICE  |
| GUCKENHEIMER @ PARC                    | 3333      | Coyote Hill    |      | PALO ALTO | FOOD SERVICE  |
| GUCKENHEIMER @ STIEFEL/CONNETICS       | 3160      | Porter         |      | PALO ALTO | FOOD SERVICE  |
| GUCKENHEIMER @ WILSON SONSINI GOODRICH | 601       | California     |      | PALO ALTO | FOOD SERVICE  |
| GUCKENHEIMER @ WILSON SONSINI GOODRICH | 950       | Page Mill      |      | PALO ALTO | FOOD SERVICE  |
| GUNN HIGH SCHOOL                       | 780       | Arastradero    |      | PALO ALTO | FOOD SERVICE  |
| GYROS GYROS                            | 498       | University     |      | PALO ALTO | FOOD SERVICE  |
| HAPPY DONUTS                           | 3916      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                       | Street No | Street Name    | Unit | City      | Business Type |
|-------------------------------------|-----------|----------------|------|-----------|---------------|
| Hewlett Packard                     | 3000      | Hanover        |      | PALO ALTO | FOOD SERVICE  |
| Hilton Garden Inn                   | 4220      | El Camino Real | 2    | PALO ALTO | FOOD SERVICE  |
| Hilton Homewood Inn                 | 4329      | EL CAMINO REAL | 3    | PALO ALTO | FOOD SERVICE  |
| HOBEE'S RESTAURANT                  | 4224      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| HOMMA'S BROWN RICE SUSHI            | 2363      | Birch          | B    | PALO ALTO | FOOD SERVICE  |
| HONEY BAKED HAM                     | 4113      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Hong Kong Restaurant                | 3691      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| HOOVER SCHOOL                       | 445       | Charleston     |      | PALO ALTO | FOOD SERVICE  |
| House of Bagels                     | 2190      | WestBayshore   |      | PALO ALTO | FOOD SERVICE  |
| HOWIE'S ARTISAN PIZZA               | 855       | El Camino Real | 60   | PALO ALTO | FOOD SERVICE  |
| HUNAN GARDEN RESTAURANT             | 3345      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| IL FORNAIO                          | 520       | Cowper         |      | PALO ALTO | FOOD SERVICE  |
| Indo                                | 3295      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Indochine                           | 2710      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| IZZY'S BROOKLYN BAGELS              | 477       | California     |      | PALO ALTO | FOOD SERVICE  |
| J J & F FOOD STORE                  | 520       | College        |      | PALO ALTO | FOOD SERVICE  |
| JACK IN THE BOX                     | 2280      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| JADE PALACE                         | 151       | California     | E101 | PALO ALTO | FOOD SERVICE  |
| Jamba Juice                         | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| JAMBA JUICE #3                      | 855       | El Camino Real | 69   | PALO ALTO | FOOD SERVICE  |
| JAMBA JUICE #325                    | 3990      | El Camino Real | 2    | PALO ALTO | FOOD SERVICE  |
| JANE LATHROP STANFORD MIDDLE SCHOOL | 480       | Meadow         |      | PALO ALTO | FOOD SERVICE  |
| JANTA INDIAN CUISINE                | 369       | Lytton         |      | PALO ALTO | FOOD SERVICE  |
| Japanese Tapas and Ramen            | 799       | San Antonio    |      | PALO ALTO | FOOD SERVICE  |
| Jewish Day School - Gideon Hausner  | 470       | San Antonio    |      | PALO ALTO | FOOD SERVICE  |
| JIN SHO                             | 454       | California     |      | PALO ALTO | FOOD SERVICE  |
| JING JING RESTAURANT                | 443       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| Joanie's Café                       | 405       | California     |      | PALO ALTO | FOOD SERVICE  |
| JORDAN MIDDLE SCHOOL                | 750       | California     |      | PALO ALTO | FOOD SERVICE  |
| JOYA                                | 339       | University     |      | PALO ALTO | FOOD SERVICE  |
| JUANA BRIONES SCHOOL                | 4100      | Orme ST        |      | PALO ALTO | FOOD SERVICE  |
| KANPAI                              | 330       | Lytton         |      | PALO ALTO | FOOD SERVICE  |
| Kara's Cupcakes                     | 855       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| KEHILLAH JEWISH HIGH SCHOOL         | 3900      | Fabian         |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                    | Street No | Street Name    | Unit | City      | Business Type |
|----------------------------------|-----------|----------------|------|-----------|---------------|
| KIRK'S STEAKBURGERS              | 855       | El Camino Real | 75   | PALO ALTO | FOOD SERVICE  |
| KRUNG SIAM THAI CUISINE          | 423       | University     |      | PALO ALTO | FOOD SERVICE  |
| L&L HAWAIIAN BBQ                 | 3890      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| LA BAGUETTE                      | 180       | El Camino Real | 170  | PALO ALTO | FOOD SERVICE  |
| La Bodeguita                     | 463       | California     |      | PALO ALTO | FOOD SERVICE  |
| La Boulange                      | 151       | University     |      | PALO ALTO | FOOD SERVICE  |
| LA COMIDA                        | 450       | Bryant         |      | PALO ALTO | FOOD SERVICE  |
| LA MORENITA RESTAURANT           | 800       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| LA STRADA                        | 335       | University     |      | PALO ALTO | FOOD SERVICE  |
| LOTUS THAI BISTRO                | 425       | California     |      | PALO ALTO | FOOD SERVICE  |
| LOVING HUT                       | 165       | University     |      | PALO ALTO | FOOD SERVICE  |
| LUCILE S PACKARD CHILDREN'S HOSP | 725       | Welch          |      | PALO ALTO | FOOD SERVICE  |
| LULU'S                           | 855       | El Camino Real | 49   | PALO ALTO | FOOD SERVICE  |
| LUNCHSTOP @ LOCKHEED MARTIN #206 | 3251      | Hanover        | 206  | PALO ALTO | FOOD SERVICE  |
| LYFE                             | 167       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| MACARTHUR PARK                   | 27        | University     |      | PALO ALTO | FOOD SERVICE  |
| Madame Tam                       | 322       | University     |      | PALO ALTO | FOOD SERVICE  |
| Mandarin Gourmet                 | 420       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| Mandarin Roots                   | 3345      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| MANGO CARIBBEAN RESTAURANT       | 435       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| MAX'S OPERA CAFE                 | 180       | El Camino Real | 711  | PALO ALTO | FOOD SERVICE  |
| MAYFIELD BAKERY & CAFÉ           | 855       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| MCDONALD'S @ SSC                 | 180       | El Camino Real | 190  | PALO ALTO | FOOD SERVICE  |
| MCDONALD'S RESTAURANT #3094      | 3128      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| MEDITERRANEAN WRAPS              | 433       | California     |      | PALO ALTO | FOOD SERVICE  |
| MEDITERRANEAN WRAPS              | 209       | University     |      | PALO ALTO | FOOD SERVICE  |
| Melt, The                        | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| MIKE'S CAFE ETC                  | 2680      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| MING'S VILLA                     | 1700      | Embarcadero    |      | PALO ALTO | FOOD SERVICE  |
| Mitchell Park Library            | 3700      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| MOLLIE STONES MARKET             | 164       | California     |      | PALO ALTO | FOOD SERVICE  |
| Monique's Chocolates             |           |                |      | PALO ALTO | FOOD SERVICE  |
| Mountain Mike's Pizza            | 3918      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| NEIMAN-MARCUS RESTAURANT         | 180       | El Camino Real | 400  | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                            | Street No | Street Name    | Unit | City      | Business Type |
|--|-----------|----------------|------|-----------|---------------|
| New York New York                        | 125       | UNIVERSITY AV  |      | PALO ALTO | FOOD SERVICE  |
| NEW YORK PIZZA                           | 325       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| NOLA'S                                   | 535       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| NORDSTROM #422                           | 180       | El Camino Real | 550  | PALO ALTO | FOOD SERVICE  |
| O Sushi House                            | 403       | University     |      | PALO ALTO | FOOD SERVICE  |
| OHLONE SCHOOL                            | 950       | Amarillo       |      | PALO ALTO | FOOD SERVICE  |
| OLD PRO                                  | 545       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| OLIVE GARDEN RESTAURANT                  | 2515      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Opa                                      | 140       | University     |      | PALO ALTO | FOOD SERVICE  |
| Oren's Hummus Shop                       | 261       | University     |      | PALO ALTO | FOOD SERVICE  |
| OSTERIA                                  | 247       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| Palantir Technologies                    | 101       | University     |      | PALO ALTO | FOOD SERVICE  |
| PALO ALTO BAKING COMPANY                 | 381       | California     |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Breakfast House                | 2706      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Buddhist Temple                | 2751      | Louis          |      | PALO ALTO | FOOD SERVICE  |
| PALO ALTO CAFE                           | 2675      | Middlefield    | A    | PALO ALTO | FOOD SERVICE  |
| PALO ALTO CITY HALL CAFE                 | 250       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Commons - North                | 4041      | El Camino      |      | PALO ALTO | FOOD SERVICE  |
| PALO ALTO ELKS LODGE                     | 4249      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Golf - BAY CAFÉ & GOURMET DELI | 1875      | Embarcadero    |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Grill                          | 140       | University     |      | PALO ALTO | FOOD SERVICE  |
| PALO ALTO HILLS GOLF & COUNTRY CLUB      | 3000      | Alexis         |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Mosque                         | 998       | San Antonio    |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Nursing Center                 | 911       | Bryant         |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Pizza Co.                      | 2434      | Park           |      | PALO ALTO | FOOD SERVICE  |
| PALO ALTO SENIOR HIGH SCHOOL             | 50        | Embarcadero    |      | PALO ALTO | FOOD SERVICE  |
| PALO ALTO SOL                            | 408       | California     |      | PALO ALTO | FOOD SERVICE  |
| PALO VERDE SCHOOL                        | 3450      | Louis          |      | PALO ALTO | FOOD SERVICE  |
| PAMF GUCKENHEIMER                        | 795       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| PAMPAS                                   | 529       | Alma           |      | PALO ALTO | FOOD SERVICE  |
| PANACHE CATERING                         | 3261      | Ash            | B    | PALO ALTO | FOOD SERVICE  |
| Panda Express                            | 2310      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Papa John's Pizza                        | 3898      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| PAPA MURPHYS                             | 2730      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                     | Street No | Street Name    | Unit | City      | Business Type |
|-----------------------------------|-----------|----------------|------|-----------|---------------|
| Papa Murphy's @ ECR               | 3850      | EL CAMINO REAL |      | PALO ALTO | FOOD SERVICE  |
| PAPASITO'S SPORTS BAR & GRILL     | 2115      | Saint Francis  |      | PALO ALTO | FOOD SERVICE  |
| Paris Baguette                    | 383       | University     |      | PALO ALTO | FOOD SERVICE  |
| Pastis Bistro                     | 447       | California     |      | PALO ALTO | FOOD SERVICE  |
| Patio @ Rudy's, The               | 412       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| PATXI'S CHICAGO PIZZA             | 441       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| Peet's Coffee                     | 436       | University     |      | PALO ALTO | FOOD SERVICE  |
| PEET'S COFFEE & TEA               | 855       | El Camino Real | 77   | PALO ALTO | FOOD SERVICE  |
| PEET'S COFFEE & TEA               | 153       | Homer          |      | PALO ALTO | FOOD SERVICE  |
| PEET'S COFFEE & TEA #111          | 3904      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| PENINSULA CREAMERY DAIRY FOUNTAIN | 900       | High           |      | PALO ALTO | FOOD SERVICE  |
| PENINSULA FOUNTAIN & GRILL        | 566       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| PF CHANG'S CHINA BISTRO           | 180       | El Camino Real | 900  | PALO ALTO | FOOD SERVICE  |
| Philz Coffee                      | 3191      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| PIAZZA'S FINE FOODS GROCERY       | 3922      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| Pieology Pizzeria                 | 2305A     | El Camino      |      | PALO ALTO | FOOD SERVICE  |
| Pinkberry FrozenYogurt            | 180       | El Camino Real | 14   | PALO ALTO | FOOD SERVICE  |
| PIZZA CHICAGO                     | 4115      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| PIZZA MY HEART                    | 220       | University     |      | PALO ALTO | FOOD SERVICE  |
| Pizza Studio                      | 365       | California     |      | PALO ALTO | FOOD SERVICE  |
| Pizzeria Delfina                  | 651       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| PLUTO'S                           | 482       | University     |      | PALO ALTO | FOOD SERVICE  |
| POMMAND CAFE                      | 3163      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| PRINTERS CAFE                     | 320       | California     |      | PALO ALTO | FOOD SERVICE  |
| PROLIFIC OVEN THE                 | 550       | Waverley       |      | PALO ALTO | FOOD SERVICE  |
| R&B SEAFOOD RESTAURANT            | 2209      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| RAMONA'S PIZZA                    | 2313      | Birch          |      | PALO ALTO | FOOD SERVICE  |
| Rangoon Ruby's                    | 445       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| Red Mango/Auntie Anne's           | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Renzo                             | 473       | UNIVERSITY AV  |      | PALO ALTO | FOOD SERVICE  |
| REPASADO                          | 236       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| Rice Thai Cuisine                 | 3924      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| RICK'S ICE CREAM                  | 3950      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| ROJOZ WRAPS                       | 3906      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                        | Street No | Street Name    | Unit | City      | Business Type |
|--------------------------------------|-----------|----------------|------|-----------|---------------|
| Ronald McDonald House                | 50        | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| ROSE & CROWN                         | 547       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| ROUND TABLE PIZZA                    | 702       | Colorado       |      | PALO ALTO | FOOD SERVICE  |
| ROUND TABLE PIZZA #15                | 263       | University     |      | PALO ALTO | FOOD SERVICE  |
| SAFEWAY #1682                        | 2811      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| Sam's Chowder House                  | 185       | University     |      | PALO ALTO | FOOD SERVICE  |
| SANCHO'S TAQUERIA                    | 491       | Lytton         |      | PALO ALTO | FOOD SERVICE  |
| Sancho's Taqueria                    | 2727      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| SAP CAFÉ D-BON APPETIT               | 3410      | Hillview       |      | PALO ALTO | FOOD SERVICE  |
| SAP Cafeteria @ 3420 Hillview Ave    | 3420      | Hillview       |      | PALO ALTO | FOOD SERVICE  |
| SAP Cafeteria @ 3450 Hillview Ave    | 3450      | Hillview       |      | PALO ALTO | FOOD SERVICE  |
| SAP CAFETERIA-BON APPETIT            | 3475      | Deer Creek     |      | PALO ALTO | FOOD SERVICE  |
| SAP-BON APPETIT                      | 3412      | Hillview       |      | PALO ALTO | FOOD SERVICE  |
| SATURA CAKES                         | 320       | University     |      | PALO ALTO | FOOD SERVICE  |
| SCHAUB'S MEAT FISH & POULTRY         | 180       | El Camino Real | 395  | PALO ALTO | FOOD SERVICE  |
| Scoop Microcreamery                  | 203       | University     |      | PALO ALTO | FOOD SERVICE  |
| SCOTT'S SEAFOOD GRILL & BAR          | 855       | El Camino Real | 1    | PALO ALTO | FOOD SERVICE  |
| SCOTTY'S BAR                         | 548       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| Sea by Alexander's Steakhouse, The   | 4269      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| SEE'S CANDIES #45                    | 180       | El Camino Real | 680  | PALO ALTO | FOOD SERVICE  |
| SHERATON PALO ALTO                   | 625       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| SHOKOOLAT                            | 516       | University     |      | PALO ALTO | FOOD SERVICE  |
| Siam Orchid                          | 496       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| SIAM ROYAL AUTHENTIC THAI CUISINE    | 338       | University     |      | PALO ALTO | FOOD SERVICE  |
| SIGONA FARMERS MKT                   | 180       | El Camino Real | 399  | PALO ALTO | FOOD SERVICE  |
| SIMPLY SANDWICHES                    | 2431      | Ash            |      | PALO ALTO | FOOD SERVICE  |
| Sliderbar Café                       | 324       | University     |      | PALO ALTO | FOOD SERVICE  |
| SO GONG DONG TOFU HOUSE              | 4127      | El Camino Real | A    | PALO ALTO | FOOD SERVICE  |
| SODEXHO @ SCHERING PLOUGH BIOPHARMA  | 901       | California     |      | PALO ALTO | FOOD SERVICE  |
| SODEXHO MGNT INC@ HP3000 HANOVER BLD | 3000      | Hanover        | 20C  | PALO ALTO | FOOD SERVICE  |
| SODEXHO MNGT INC-HP STANFORD SITE    | 1501      | Page Mill      |      | PALO ALTO | FOOD SERVICE  |
| SOS FINE FOODS                       | 949       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| SPACE SYSTEMS LORAL                  | 3825      | Fabian         |      | PALO ALTO | FOOD SERVICE  |
| SPAGO                                | 265       | Lytton         |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                            | Street No | Street Name    | Unit | City      | Business Type |
|--|-----------|----------------|------|-----------|---------------|
| SPALTI RISTORANTE                        | 417       | California     |      | PALO ALTO | FOOD SERVICE  |
| Spice Kit                                | 340       | California     |      | PALO ALTO | FOOD SERVICE  |
| SPOT-A-PIZZA PLACE                       | 115       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| Sprinkles                                | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| SPROUTS                                  | 168       | University     |      | PALO ALTO | FOOD SERVICE  |
| SSC Bloomingdale's Redevelopment Project | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| ST ELIZABETH SETON SCHOOL                | 1095      | Channing       |      | PALO ALTO | FOOD SERVICE  |
| ST MICHAEL'S ALLEY                       | 806       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| Stanfod Shopping Center Trash/Recycling  | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Stanford Hoover Building                 | 211       | Quarry         |      | PALO ALTO | FOOD SERVICE  |
| Stanford Hospital & Clinics              | 2445      | Faber          |      | PALO ALTO | FOOD SERVICE  |
| STANFORD TERRACE INN                     | 531       | Stanford       |      | PALO ALTO | FOOD SERVICE  |
| STANFORD THEATRE FOUNDATION              | 221       | University     |      | PALO ALTO | FOOD SERVICE  |
| Stanford University                      | 3160      | Porter         |      | PALO ALTO | FOOD SERVICE  |
| STARBUCKS #5555                          | 2775      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| STARBUCKS #9870                          | 361       | California     |      | PALO ALTO | FOOD SERVICE  |
| Starbuck's @ Edgewood Plaza              | 2190      | WestBayshore   |      | PALO ALTO | FOOD SERVICE  |
| Starbuck's Coffee #17011                 | 3885      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| STARBUCKS COFFEE #2822                   | 180       | El Camino Real | 79   | PALO ALTO | FOOD SERVICE  |
| STARBUCKS COFFEE #2886                   | 4131      | El Camino Real | 101  | PALO ALTO | FOOD SERVICE  |
| STARBUCKS COFFEE #5541                   | 2000      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| STARBUCKS COFFEE #565                    | 376       | University     |      | PALO ALTO | FOOD SERVICE  |
| Steam                                    | 209       | University     |      | PALO ALTO | FOOD SERVICE  |
| SU HONG                                  | 4256      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| SU HONG RESTAURANT PALO ALTO             | 4111      | El Camino      |      | PALO ALTO | FOOD SERVICE  |
| Subway                                   | 205       | University     |      | PALO ALTO | FOOD SERVICE  |
| SUBWAY #27048                            | 421       | California     |      | PALO ALTO | FOOD SERVICE  |
| SUBWAY #30816                            | 4131      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| SUBWAY #32950 - Midtown                  | 2717      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| SUNDANCE MINE COMPANY                    | 1921      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| SUSHI HOUSE                              | 855       | El Camino Real | 158  | PALO ALTO | FOOD SERVICE  |
| SUSHI TOMO                               | 4131      | El Camino      |      | PALO ALTO | FOOD SERVICE  |
| SUSHI TOMO                               | 201       | University     |      | PALO ALTO | FOOD SERVICE  |
| Sushiritto                               | 448       | University     |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                     | Street No | Street Name    | Unit | City      | Business Type |
|-----------------------------------|-----------|----------------|------|-----------|---------------|
| SZECHWAN CAFE                     | 406       | California     |      | PALO ALTO | FOOD SERVICE  |
| TACO BELL #2297                   | 910       | Charleston     |      | PALO ALTO | FOOD SERVICE  |
| Tacolicious                       | 636       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| TAIPAN PALO ALTO                  | 560       | Waverley       |      | PALO ALTO | FOOD SERVICE  |
| TAMARINE RESTAURANT               | 546       | University     |      | PALO ALTO | FOOD SERVICE  |
| TAQUERIA AZTECA                   | 321       | California     | 2    | PALO ALTO | FOOD SERVICE  |
| TAQUERIA EL GRULLENSE             | 3636      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Tava Indian Kitchen               | 855       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| TEA TIME-TEA LOVERS SHOP          | 542       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| TEAVANA # 26                      | 180       | El Camino Real | 3    | PALO ALTO | FOOD SERVICE  |
| TERMAN MIDDLE SCHOOL              | 655       | Arastradero    |      | PALO ALTO | FOOD SERVICE  |
| Terrone Pizzeria                  | 448       | California     |      | PALO ALTO | FOOD SERVICE  |
| TEUSCHER CHOCOLATE OF SWITZERLAND | 180       | El Camino Real | 151  | PALO ALTO | FOOD SERVICE  |
| Thaiphoon Restaurant              | 543       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| THREE SEASONS RESTAURANT          | 518       | Bryant         |      | PALO ALTO | FOOD SERVICE  |
| TIBCO-BON APPETIT                 | 3307      | Hillview       |      | PALO ALTO | FOOD SERVICE  |
| Tin Pot Creamery                  | 855       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Tofu House                        | 4217      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Tootsies                          | 700       | Welch          |      | PALO ALTO | FOOD SERVICE  |
| TRADER JOES                       | 855       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Umami Burger                      | 452       | University     |      | PALO ALTO | FOOD SERVICE  |
| University Café                   | 271       | University     |      | PALO ALTO | FOOD SERVICE  |
| UNIVERSITY CLUB OF PALO ALTO      | 3277      | Miranda        |      | PALO ALTO | FOOD SERVICE  |
| UZUMAKI SUSHI                     | 451       | California     |      | PALO ALTO | FOOD SERVICE  |
| VA Hospital                       | 3801      | Miranda        |      | PALO ALTO | FOOD SERVICE  |
| Varian Cafeteria                  | 3130      | Hansen         | 4B   | PALO ALTO | FOOD SERVICE  |
| VERO                              | 530       | Bryant         |      | PALO ALTO | FOOD SERVICE  |
| VILLAGE CHEESE HOUSE INC          | 855       | El Camino Real | 157  | PALO ALTO | FOOD SERVICE  |
| VIN VINO WINE                     | 437       | California     |      | PALO ALTO | FOOD SERVICE  |
| VINO LOCALE                       | 431       | Kipling        |      | PALO ALTO | FOOD SERVICE  |
| VM Ware                           | 902       | Arastradero    |      | PALO ALTO | FOOD SERVICE  |
| VMWare Building HTC               | 3431      | Hillview       |      | PALO ALTO | FOOD SERVICE  |
| WALTER HAYS SCHOOL                | 1525      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| WESTERN DINING @ CPI              | 811       | Hansen         |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                          | Street No | Street Name    | Unit | City      | Business Type |
|--|-----------|----------------|------|-----------|---------------|
| WESTIN PALO ALTO                       | 675       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| WHOLE FOODS MARKET                     | 774       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| WILSON SONSINI GOODRICH - Guckenheimer | 650       | Page Mill      |      | PALO ALTO | FOOD SERVICE  |
| WINE ROOM, THE                         | 520       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| Yogurtland                             | 494       | University     |      | PALO ALTO | FOOD SERVICE  |
| Yucca De Lac                           | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| ZIBIBBO'S                              | 430       | Kipling        |      | PALO ALTO | FOOD SERVICE  |
| Zola                                   | 565       | Bryant         |      | PALO ALTO | FOOD SERVICE  |
| ZYME & DINE CAFE                       | 925       | Page Mill      |      | PALO ALTO | FOOD SERVICE  |

DRY CLEANER FACILITIES

| Business Name           | Street No. | Street Name              | City      | Business Type |
|-------------------------|------------|--------------------------|-----------|---------------|
| AJ'S QUICK CLEAN CENTER | 3175       | MIDDLEFIELD ROAD         | PALO ALTO | DRY CLEANERS  |
| CALIFORNIA AVENUE NORGE | 240        | CALIFORNIA AVENUE, SOUTH | PALO ALTO | DRY CLEANERS  |
| CHARLESTON CLEANERS     | 3900       | MIDDLEFIELD ROAD         | PALO ALTO | DRY CLEANERS  |
| EMERSON LAUNDRY CENTER  | 926        | EMERSON STREET           | PALO ALTO | DRY CLEANERS  |
| FINE CLEANERS           | 2103       | EL CAMINO REAL           | PALO ALTO | DRY CLEANERS  |
| GATE CLEANERS           | 439        | HAMILTON AVENUE          | PALO ALTO | DRY CLEANERS  |
| HOLIDAY CLEANERS        | 595        | BRYANT STREET            | PALO ALTO | DRY CLEANERS  |
| MIKE'S ONE HOUR CLEANER | 3886       | EL CAMINO REAL           | PALO ALTO | DRY CLEANERS  |
| NEW HOLIDAY CLEANERS    | 2685       | MIDDLEFIELD ROAD         | PALO ALTO | DRY CLEANERS  |
| TOWN & COUNTRY CLEANERS | 42         | TOWN & COUNTRY VILLAGE   | PALO ALTO | DRY CLEANERS  |

| Business Name                               | Street No. | Street Name       | City      | Business Type             |
|---|------------|-------------------|-----------|---------------------------|
| A DOG'S LIFE PALO ALTO                      | 885        | COMMERCIAL STREET | PALO ALTO | ANIMAL SERVICES           |
| CITY OF PALO ALTO ANIMAL SERVICES           | 3281       | BAYSHORE ROAD     | PALO ALTO | ANIMAL SERVICES           |
| CITY OF PALO ALTO JUNIOR MUSEUM AND ZOO     | 1451       | MIDDLEFIELD ROAD  | PALO ALTO | ANIMAL SERVICES           |
| EL CAMINO ANIMAL HOSPITAL                   | 2951       | EL CAMINO REAL    | PALO ALTO | ANIMAL SERVICES           |
| SOUTH PENINSULA VETERINARY EMERGENCY CLINIC | 3045       | MIDDLEFIELD ROAD  | PALO ALTO | ANIMAL SERVICES           |
| THE ANIMAL DOCTORS                          | 461        | PAGE MILL ROAD    | PALO ALTO | ANIMAL SERVICES           |
| VCA PALO ALTO ANIMAL HOSPITAL               | 3944       | EL CAMINO REAL    | PALO ALTO | ANIMAL SERVICES           |
| VCA STANFORD ANIMAL HOSPITAL                | 4111       | EL CAMINO REAL    | PALO ALTO | ANIMAL SERVICES           |
| HASSETT ACE HARDWARE STORE                  | 875        | ALMA STREET       | PALO ALTO | BUILDING MATERIAL CENTERS |
| PENINSULA HARDWARE                          | 2676       | MIDDLEFIELD ROAD  | PALO ALTO | BUILDING MATERIAL CENTERS |
| VA PALO ALTO HEALTH CARE SYSTEM             | 3801       | MIRANDA AVENUE    | PALO ALTO | CLEANING SERVICES         |
| PALO ALTO LANDFILL                          | 2380       | EMBARCADERO WAY   | PALO ALTO | LANDFILLS                 |
| BARRON PARK NURSERY AND FLORIST             | 3876       | EL CAMINO REAL    | PALO ALTO | NURSERIES / GREENHOUSES   |
| CIARDELLA'S GARDEN SUPPLY, INC.             | 1001       | SAN ANTONIO ROAD  | PALO ALTO | NURSERIES / GREENHOUSES   |
| SUMMER WINDS NURSERY                        | 725        | SAN ANTONIO ROAD  | PALO ALTO | NURSERIES / GREENHOUSES   |
| COMMON GROUNDS ORGANIC GARDEN SUPPLY        | 559        | COLLEGE AVENUE    | PALO ALTO | NURSERIES / GREENHOUSES   |
| CITY OF PALO ALTO RECYCLING CENTER          | 2380       | EMBARCADERO ROAD  | PALO ALTO | RECYCLING CENTERS         |

Appendix 4-2  
C.4.b.iii.(2) Facilities Scheduled for Inspection

**PERMITTED ACTIVE FACILITIES**

| Business Name                        | Street No | Street Name            | City      | Business Type                     |
|--------------------------------------|-----------|------------------------|-----------|-----------------------------------|
| ACME BIOSCIENCES                     | 3941      | EAST BAYSHORE ROAD     | PALO ALTO | BIOTECH LAB                       |
| ANACOR PHARMACEUTICALS, INC.         | 1060      | EAST MEADOW CIRCLE     | PALO ALTO | PHARM/RESEARCH                    |
| ANACOR PHARMACEUTICALS, INC.         | 1020      | EAST MEADOW CIRCLE     | PALO ALTO | DEVELOPMENT S                     |
|                                      |           |                        |           |                                   |
| LLC                                  | 811       | HANSEN WAY (BLDG. 2)   | PALO ALTO | METAL FINISHING                   |
| DIFFRACTION OPTICS                   | 4035      | TRANSPORT STREET       | PALO ALTO | OPTICAL POLISHING AND GRINDING    |
| GENENCOR (A DANISCO DIVISION)        | 925       | PAGE MILL ROAD         | PALO ALTO | BIOTECHNOLOGY R&D                 |
| GOOCH AND HOUSEGO (PALO ALTO), LLC   | 1040      | EAST MEADOW CIRCLE     | PALO ALTO | SEMI-CONDUCTOR                    |
| HAMMON PLATING CORPORATION           | 890       | COMMERCIAL STREET      | PALO ALTO | PRECIOUS METAL PLATING            |
| HEWLETT PACKARD 1-6                  | 1501      | 1129                   | PALO ALTO | NON-CATEGORICAL SIU               |
| HILLVIEW CLINICAL LAB                | 3375      | HILLVIEW AVENUE        | PALO ALTO | CLINICAL LAB OF STANFORD HOSPITAL |
| L.S.P. CHILDREN'S HOSPITAL           | 725       | WELCH ROAD             | PALO ALTO | HOSPITAL AND MEDICAL SERVICES     |
| COMPANY                              | 3251      | HANOVER STREET         | PALO ALTO | AEROSPACE RESEARCH                |
| MERCK SHARP & DOHME CORPORATION      | 855       | AVENUE                 | PALO ALTO | PHARMACEUTICAL RESEARCH           |
| MERCK SHARP & DOHME CORPORATION      | 901       | SOUTH CALIFORNIA AVE   | PALO ALTO | PHARMACEUTICAL RESEARCH           |
| ONED MATERIAL, LLC                   | 2625      | HANOVER STREET         | PALO ALTO | RESEARCH LABORATORIES             |
| PALO ALTO LANDFILL                   | 2380      | EMBARCADERO ROAD       | PALO ALTO | NON-EPA                           |
| PALO ALTO MEDICAL FOUNDATION PALO    | 795       | & C                    | PALO ALTO | MEDICAL CLINIC                    |
| ALTO RESEARCH CENTER, INC. PALO ALTO | 3333      | COYOTE HILL ROAD       | PALO ALTO | ELECTRONIC                        |
| RESEARCH CENTER, INC. SPACE SYSTEMS/ | 3406      | 34                     | PALO ALTO | ELECTRONIC                        |
| LORAL, LLC                           | 3825      | FABIAN WAY             | PALO ALTO | SATELLITE SYSTEM MFG.             |
| SPACE SYSTEMS/LORAL, LLC             | 1034      | /1036 E. MEADOW CIRCLE | PALO ALTO | ETCHING, GRINDING, POLISHING      |
|                                      |           |                        |           |                                   |
| STANFORD SCHOOL OF MEDICINE          | 3373      | HILLVIEW AVENUE        | PALO ALTO | RESEAR                            |
| STANFORD SCHOOL OF MEDICINE          | 1050      | ARASTRADERO ROAD       | PALO ALTO | BIOMEDICAL RESEARCH               |
|                                      |           |                        |           |                                   |

**PERMITTED ACTIVE FACILITIES**

| Business Name                   | Street No | Street Name       | City      | Business Type                   |
|---------------------------------|-----------|-------------------|-----------|---------------------------------|
| STANFORD SCHOOL OF MEDICINE     | 3165      | PORTER DRIVE      | PALO ALTO | BIOMEDICAL RESEARCH             |
| STANFORD SCHOOL OF MEDICINE     | 3155      | PORTER DRIVE      | PALO ALTO | BIOMEDICAL RESEARCH             |
| TARGET DISCOVERY, INC.          | 4030      | FABIAN WAY        | PALO ALTO | BIOTECH                         |
| TESLA MOTORS INC.               | 3500      | DEER CREEK ROAD   | PALO ALTO | VEHICLE BATTERY MANUFACTURING   |
| TRANSLUCENT PHOTONICS           | 952       | COMMERICAL STREET | PALO ALTO | SEMICONDUCTOR RESEARCH LAB      |
| VA PALO ALTO HEALTH CARE SYSTEM | 3801      | MIRANDA AVENUE    | PALO ALTO | EPA NON-CATEGORICAL SIGNIFICANT |
| VARIAN MEDICAL SYSTEMS          | 3120      | HANSEN WAY        | PALO ALTO | MEDICAL EQUIPMENT R & D         |

## VEHICLE SERVICE FACILITIES

| Business Name                       | Street No. | Street Name                 | City      | Business Type |
|-------------------------------------|------------|-----------------------------|-----------|---------------|
| 4LESS SMOG CHECK                    | 3508       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| ADVANTAGE AVIATION                  | 1903       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| AKINS BODY SHOP                     | 3045       | PARK BOULEVARD              | PALO ALTO | VEHICLE       |
| AKINS BODY SHOP #2                  | 2905       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| ANDERSON HONDA                      | 1766       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| ARCO-PSIS479                        | 699        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| ART'S BODYCRAFT                     | 280        | LAMBERT AVENUE              | PALO ALTO | VEHICLE       |
| AUTO PRIDE CAR WASH                 | 841        | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| AVIS/BUDGET RENT-A-CAR-PA           | 4230       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| BARRON PARK SHELL SERVICE           | 3601       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| BRAD LOZARES GOLF PRO SHOP          | 1875       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| CARLSEN AUDI, INC.                  | 1730       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| CHEVRON USA                         | 3897       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| CMK AUTOMOTIVE, INC.                | 904        | INDUSTRIAL AVENUE           | PALO ALTO | VEHICLE       |
| D & M MOTORS                        | 190        | CHANNING AVENUE             | PALO ALTO | VEHICLE       |
| DAVE'S AUTO REPAIR                  | 830        | EAST CHARLESTON ROAD        | PALO ALTO | VEHICLE       |
| E-CAR                               | 439        | LAMBERT AVENUE              | PALO ALTO | VEHICLE       |
| ELITE AUTO PERFORMANCE              | 1963       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| EMBARCADERO SHELL                   | 1161       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| ENTERPRISE RENT-A-CAR, PA           | 814        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| ENTERPRISE RENT-A-CAR, PA2          | 4193       | EL CAMINO REAL,             | PALO ALTO | VEHICLE       |
| EUROPEAN/ASIAN AUTO SHOP            | 111        | HOMER AVENUE                | PALO ALTO | VEHICLE       |
| FIMBRES' BROTHERS                   | 906        | INDUSTRIAL AVENUE           | PALO ALTO | VEHICLE       |
| HEINICHEN'S GARAGE                  | 960        | HIGH STREET                 | PALO ALTO | VEHICLE       |
| HENGELHOLD TRUCK RENTAL             | 762        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| HIGH STREET AUTO                    | 904        | HIGH STREET                 | PALO ALTO | VEHICLE       |
| JEFFY LUBE #1297                    | 4195       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| JEFFY LUBE#1283                     | 4201       | MIDDLEFIELD ROAD            | PALO ALTO | VEHICLE       |
| JIM DAVIS AUTOMOTIVE/VALERO         | 3972       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| KMAS, INC.                          | 1001       | EAST CHARLESTON ROAD        | PALO ALTO | VEHICLE       |
| MAGNUSSEN'S TOYOTA OF PALO ALTO     | 690        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| MATHEWS-CARLSEN BODY WORKS          | 2480       | FABER PLACE                 | PALO ALTO | VEHICLE       |
| MECHANICA AUTOMOTIVE                | 788        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| MEISSNER AUTOMOTIVE                 | 811        | EAST CHARLESTON ROAD        | PALO ALTO | VEHICLE       |
| MSC GARAGE                          | 3201       | EAST BAYSHORE ROAD          | PALO ALTO | VEHICLE       |
| MUNICIPAL GOLF COURSE MAINTENANCE   | 1875       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| NINE MINUTE OIL & LUBE              | 3839       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| OIL CHANGERS                        | 780        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| PALO ALTO AIRPORT                   | 1925       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| PALO ALTO BMW                       | 799        | ALMA STREET                 | PALO ALTO | VEHICLE       |
| PALO ALTO FIRE STATION #1           | 301        | ALMA STREET                 | PALO ALTO | VEHICLE       |
| PALO ALTO FIRE STATION #2           | 2675       | HANOVER STREET              | PALO ALTO | VEHICLE       |
| PALO ALTO FIRE STATION #3           | 799        | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| PALO ALTO FIRE STATION #4           | 3600       | MIDDLEFIELD ROAD            | PALO ALTO | VEHICLE       |
| PALO ALTO FIRE STATION #5           | 600        | ARASTRADERO ROAD            | PALO ALTO | VEHICLE       |
| PALO ALTO FUEL SERVICE              | 1901       | EMBARCADERO ROAD, SUITE 101 | PALO ALTO | VEHICLE       |
| PALO ALTO GERMAN CAR CORP           | 3939       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| PALO ALTO HILLS GOLF & COUNTRY CLUB | 3000       | ALEXIS DRIVE                | PALO ALTO | VEHICLE       |
| PALO ALTO SPEEDOMETER               | 718        | EMERSON STREET              | PALO ALTO | VEHICLE       |

## VEHICLE SERVICE FACILITIES

| Business Name                    | Street No. | Street Name                 | City      | Business Type |
|----------------------------------|------------|-----------------------------|-----------|---------------|
| PALO ALTO UNIF SCH'L DIST: PA HS | 25         | CHURCHILL AVENUE            | PALO ALTO | VEHICLE       |
| PALO ALTO UNOCAL SERVICE         | 835        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| PARK AUTOMOTIVE SERVICE          | 3040       | PARK BOULEVARD              | PALO ALTO | VEHICLE       |
| PARK AVENUE MOTORS               | 3241       | PARK BOULEVARD              | PALO ALTO | VEHICLE       |
| ROSSI AIRCRAFT, INC.             | 1903       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| SAY RAY AUTO SERVICE             | 3251       | ASH STREET                  | PALO ALTO | VEHICLE       |
| SHERMAN'S AUTO SERVICE           | 699        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| SMOG PROS/ARCO                   | 840        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| STANFORD AUTO CARE               | 290        | LAMBERT AVENUE              | PALO ALTO | VEHICLE       |
| STREETFX CUSTOMS                 | 748        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| TESLA MOTORS, INC.               | 4180       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| THE CAR DOCTOR                   | 710        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| VALERO USA, PA                   | 705        | SAN ANTONIO ROAD            | PALO ALTO | VEHICLE       |
| VALERO USA-PA2                   | 1963       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| VIKING MOTOR BODY CO. INC.       | 2904       | ASH STREET                  | PALO ALTO | VEHICLE       |
| VOLVO OF PALO ALTO (McLAREN)     | 4190       | EL CAMINO REAL              | PALO ALTO | VEHICLE       |
| WEST VALLEY AIRCRAFT SERVICES    | 1901       | EMBARCADERO ROAD            | PALO ALTO | VEHICLE       |
| WEST VALLEY FLYING CLUB          | 1901       | EMBARCADERO ROAD, SUITE 100 | PALO ALTO | VEHICLE       |
| YEAMAN AUTO BODY                 | 2025       | EAST BAYSHORE ROAD          | PALO ALTO | VEHICLE       |

FOOD SERVICE ESTABLISHMENTS

| Business Name                 | Street No | Street Name    | Unit   | City      | Business Type |
|-------------------------------|-----------|----------------|--------|-----------|---------------|
| 260 California Ave            | 260       | California     |        | PALO ALTO | FOOD SERVICE  |
| 7-ELEVEN FOOD STORE #18584    | 401       | Waverley       |        | PALO ALTO | FOOD SERVICE  |
| 7-ELEVEN STORE #2234-14315G   | 708       | Colorado       |        | PALO ALTO | FOOD SERVICE  |
| A G FERRARI FOODS             | 200       | Hamilton       |        | PALO ALTO | FOOD SERVICE  |
| A1 LIQUORS                    | 3866      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| ABUNDANT AIR CAFE             | 1901      | Embarcadero    | 103    | PALO ALTO | FOOD SERVICE  |
| ACE OF SANDWICHES, THE        | 3866      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| ADDISON                       | 650       | Addison        |        | PALO ALTO | FOOD SERVICE  |
| ADLAI E STEVENSON HOUSE       | 455       | Charleston     |        | PALO ALTO | FOOD SERVICE  |
| Alkymists                     | 140       | University     |        | PALO ALTO | FOOD SERVICE  |
| ALL SAINT EPISCOPAL CHURCH    | 555       | Waverley       |        | PALO ALTO | FOOD SERVICE  |
| AMARIN THAI CUISINE           | 407       | Lytton         |        | PALO ALTO | FOOD SERVICE  |
| Amber Dhara                   | 150       | UNIVERSITY AV  |        | PALO ALTO | FOOD SERVICE  |
| American Girl                 | 180       | El Camino Real | 820    | PALO ALTO | FOOD SERVICE  |
| Anatolian Kitchen             | 2323      | Birch          |        | PALO ALTO | FOOD SERVICE  |
| ANTONIO'S NUT HOUSE           | 321       | California     |        | PALO ALTO | FOOD SERVICE  |
| AQUARIUS THEATER              | 430       | Emerson        |        | PALO ALTO | FOOD SERVICE  |
| Asian Box                     | 855       | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| AVENUE, THE                   | 403       | University     |        | PALO ALTO | FOOD SERVICE  |
| BAJA FRESH MEXICAN GRILL      | 3990      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| BARRON PARK ELEMENTARY SCHOOL | 800       | Barron         |        | PALO ALTO | FOOD SERVICE  |
| BASKIN ROBBINS ICE CREAM      | 2615      | Middlefield    |        | PALO ALTO | FOOD SERVICE  |
| Baume French Cuisine Moderne  | 201       | California     |        | PALO ALTO | FOOD SERVICE  |
| BECKMAN INSTRUMENTS CAFETERIA | 1050      | Page Mill      |        | PALO ALTO | FOOD SERVICE  |
| BEE CAFE                      | 2479      | EastBayshore   | 708    | PALO ALTO | FOOD SERVICE  |
| Belcampo Meat Company         | 855       | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| Bistro Elan                   | 2363      | Birch          |        | PALO ALTO | FOOD SERVICE  |
| BISTRO ELAN                   | 448       | California     |        | PALO ALTO | FOOD SERVICE  |
| BISTRO MAXINE                 | 548       | Ramona         |        | PALO ALTO | FOOD SERVICE  |
| Black Blue                    | 420       | Ramona         |        | PALO ALTO | FOOD SERVICE  |
| Blue Bottle                   | 456       | UNIVERSITY AV  |        | PALO ALTO | FOOD SERVICE  |
| BLUE SKY 4AW3655              | 3000      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| BON APPETIT @ AFFYMAX         | 4001      | Miranda        |        | PALO ALTO | FOOD SERVICE  |
| BON APPETIT @ WM WARE         | 3405      | Hillview       | BLDG C | PALO ALTO | FOOD SERVICE  |
| Bon Vivant Café               | 535       | Bryant         |        | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                 | Street No | Street Name    | Unit   | City      | Business Type |
|-------------------------------|-----------|----------------|--------|-----------|---------------|
| BUCA DI BEPPO                 | 643       | Emerson        |        | PALO ALTO | FOOD SERVICE  |
| Burma Ruby                    | 326       | University     |        | PALO ALTO | FOOD SERVICE  |
| CABANA-CROWN PLAZA            | 4290      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| Cafa A La Carte               | 730       | Welch          |        | PALO ALTO | FOOD SERVICE  |
| CAFE 220                      | 220       | University     | B      | PALO ALTO | FOOD SERVICE  |
| CAFE BRIOCHE                  | 445       | California     |        | PALO ALTO | FOOD SERVICE  |
| CAFÉ DEL DOGE                 | 419       | University     |        | PALO ALTO | FOOD SERVICE  |
| Café Epi                      | 405       | University     |        | PALO ALTO | FOOD SERVICE  |
| CAFE PIAZZA                   | 3000      | El Camino Real | BLDG 1 | PALO ALTO | FOOD SERVICE  |
| CAFE PRO BONO                 | 2437      | Birch          |        | PALO ALTO | FOOD SERVICE  |
| Café Venetia                  | 419       | University     |        | PALO ALTO | FOOD SERVICE  |
| CAFFE RIACE                   | 200       | Sheridan       | 102    | PALO ALTO | FOOD SERVICE  |
| CALAFIA                       | 855       | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| CALIFORNIA CAFE BAR & GRILL   | 700       | Welch          |        | PALO ALTO | FOOD SERVICE  |
| CALIFORNIA PIZZA KITCHEN      | 531       | Cowper         |        | PALO ALTO | FOOD SERVICE  |
| California Pizza Kitchen @SSC | 180       | El Camino Real | 136    | PALO ALTO | FOOD SERVICE  |
| Cardinal Sushi                | 2051      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| CASA ISABEL                   | 2434      | Park           |        | PALO ALTO | FOOD SERVICE  |
| CASTILLEJA SCHOOL             | 1310      | Bryant         |        | PALO ALTO | FOOD SERVICE  |
| CELIA'S MEXICAN RESTAURANT    | 3740      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| CHANNING HOUSE                | 850       | Waverley       |        | PALO ALTO | FOOD SERVICE  |
| CHEESECAKE FACTORY            | 375       | University     |        | PALO ALTO | FOOD SERVICE  |
| Cheesesteak Shop              | 2305B     | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| Chez Franc                    | 415       | California     |        | PALO ALTO | FOOD SERVICE  |
| CHINA DELIGHT                 | 461       | Emerson        |        | PALO ALTO | FOOD SERVICE  |
| CHINA MEI                     | 3781      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| CHIPOTLE                      | 2675      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| Chipotle @ SSC                | 180       | El Camino Real | 15A    | PALO ALTO | FOOD SERVICE  |
| CHO'S RESTAURANT              | 213       | California     |        | PALO ALTO | FOOD SERVICE  |
| CIBO RESTAURANT & BAR         | 3398      | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| CINE ARTS AT PALO ALTO SQUARE | 3000      | El Camino Real | 2      | PALO ALTO | FOOD SERVICE  |
| CLASSIC RESIDENCE BY HYATT    | 620       | Sand Hill      |        | PALO ALTO | FOOD SERVICE  |
| Cocola Bakery                 | 180       | El Camino Real |        | PALO ALTO | FOOD SERVICE  |
| Coconuts                      | 642       | Ramona         |        | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                     | Street No | Street Name    | Unit | City      | Business Type |
|-----------------------------------|-----------|----------------|------|-----------|---------------|
| COLD STONE CREAMERY               | 855       | El Camino Real | 9    | PALO ALTO | FOOD SERVICE  |
| COMO ESTA TAQUERIA                | 2605      | Middlefield    | A    | PALO ALTO | FOOD SERVICE  |
| Corner Bakery                     | 3375      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| COUNTER, THE                      | 369       | California     |      | PALO ALTO | FOOD SERVICE  |
| COUNTRY SUN                       | 440       | California     |      | PALO ALTO | FOOD SERVICE  |
| COUPA CAFE                        | 538       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| COWPER INN                        | 705       | Cowper         |      | PALO ALTO | FOOD SERVICE  |
| Cream                             | 440       | University     |      | PALO ALTO | FOOD SERVICE  |
| CREPEVINE                         | 367       | University     |      | PALO ALTO | FOOD SERVICE  |
| CROSSROADS WORLD MARKET           | 720       | San Antonio    |      | PALO ALTO | FOOD SERVICE  |
| CRUSTACEAN                        | 564       | University     |      | PALO ALTO | FOOD SERVICE  |
| Curry Up Now                      | 321       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| DA SICHUAN BISTRO                 | 3781      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| DANNY BROWNS                      | 4141      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| DARBAR INDIAN CUISINE             | 129       | Lytton         |      | PALO ALTO | FOOD SERVICE  |
| DINAH'S POOLSIDE COFFEE SHOP      | 4261      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| DOMINO'S PIZZA                    | 240       | California     | B    | PALO ALTO | FOOD SERVICE  |
| DOUCE D'FRANCE                    | 855       | El Camino Real | 104  | PALO ALTO | FOOD SERVICE  |
| DRIFTWOOD MARKET                  | 3450      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| DUVENECK SCHOOL                   | 705       | Alester        |      | PALO ALTO | FOOD SERVICE  |
| Edgewood Plaza                    | 2080      | Channing       |      | PALO ALTO | FOOD SERVICE  |
| EL CARMELO SCHOOL                 | 3024      | Bryant         |      | PALO ALTO | FOOD SERVICE  |
| ELBE RESTAURANT & RUDY'S PUB      | 117       | University     |      | PALO ALTO | FOOD SERVICE  |
| Enter Business Name               | 2455      | Faber          |      | PALO ALTO | FOOD SERVICE  |
| Epi                               | 405       | UNIVERSITY AV  |      | PALO ALTO | FOOD SERVICE  |
| Epiphany Hotel                    | 180       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| EQUINOX FITNESS CLUB              | 435       | Acacia         |      | PALO ALTO | FOOD SERVICE  |
| EVVIA                             | 420       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| FACEBOOK                          | 1601      | California     |      | PALO ALTO | FOOD SERVICE  |
| FAIRMEADOW SCHOOL                 | 500       | Meadow         |      | PALO ALTO | FOOD SERVICE  |
| FAMBRINI'S TERRACE BISTRO         | 2600      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| FIGO                              | 326       | University     |      | PALO ALTO | FOOD SERVICE  |
| Fire Oak & Barley by Le Boulanger | 341       | California     |      | PALO ALTO | FOOD SERVICE  |
| First Congregational Church       | 1985      | Louis          |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                          | Street No | Street Name    | Unit | City      | Business Type |
|--|-----------|----------------|------|-----------|---------------|
| FIRST PRESBYTERIAN CHURCH              | 1140      | Cowper         |      | PALO ALTO | FOOD SERVICE  |
| FISH MARKET THE                        | 3150      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| FLEMING'S STEAKHOUSE                   | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| FOOTHILL SWIM & TENNIS CLUB            | 3351      | Miranda        |      | PALO ALTO | FOOD SERVICE  |
| FRAN'S MARKET                          | 499       | Lytton         |      | PALO ALTO | FOOD SERVICE  |
| Freebird's                             | 2305A     | El Camino      |      | PALO ALTO | FOOD SERVICE  |
| Fresh Market Grocery                   | 2080      | Channing       |      | PALO ALTO | FOOD SERVICE  |
| FRESH TASTE CHINESE GARDEN             | 2111      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| FRY'S ELECTRONICS #1                   | 340       | Portage        |      | PALO ALTO | FOOD SERVICE  |
| Fuki Sushi                             | 4119      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| GARDEN COURT HOTEL                     | 520       | Cowper         | 2    | PALO ALTO | FOOD SERVICE  |
| GARDEN FRESH                           | 460       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| GATEAU ET GANACHE                      | 3261      | Ash            | B2   | PALO ALTO | FOOD SERVICE  |
| GELATO CLASSICO #2                     | 435       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| GOOD EARTH CAFE & BAKERY               | 1520      | Page Mill      |      | PALO ALTO | FOOD SERVICE  |
| GOOD EARTH PATIO CAFE                  | 1899      | Page Mill      |      | PALO ALTO | FOOD SERVICE  |
| Google - Golden Castle Adult Day Care  | 3803      | Bayshore       |      | PALO ALTO | FOOD SERVICE  |
| Google Nest                            | 3400      | HILLVIEW AV    |      | PALO ALTO | FOOD SERVICE  |
| Gordon Biersch Brewery Restaurant      | 640       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| Gott's Roadside                        | 855       | El Camino Real | 67   | PALO ALTO | FOOD SERVICE  |
| GOURMET FRANKS                         | 180       | El Camino Real | 199  | PALO ALTO | FOOD SERVICE  |
| GREEN ELEPHANT GOURMET                 | 3950      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| Grocery Outlet Bargain Market          | 3445      | Alma           |      | PALO ALTO | FOOD SERVICE  |
| GUCKENHEIMER @ COOLEY GODWARD KRONISH  | 3175      | Hanover        |      | PALO ALTO | FOOD SERVICE  |
| GUCKENHEIMER @ PARC                    | 3333      | Coyote Hill    |      | PALO ALTO | FOOD SERVICE  |
| GUCKENHEIMER @ STIEFEL/CONNETICS       | 3160      | Porter         |      | PALO ALTO | FOOD SERVICE  |
| GUCKENHEIMER @ WILSON SONSINI GOODRICH | 601       | California     |      | PALO ALTO | FOOD SERVICE  |
| GUCKENHEIMER @ WILSON SONSINI GOODRICH | 950       | Page Mill      |      | PALO ALTO | FOOD SERVICE  |
| GUNN HIGH SCHOOL                       | 780       | Arastradero    |      | PALO ALTO | FOOD SERVICE  |
| GYROS GYROS                            | 498       | University     |      | PALO ALTO | FOOD SERVICE  |
| HAPPY DONUTS                           | 3916      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                       | Street No | Street Name    | Unit | City      | Business Type |
|-------------------------------------|-----------|----------------|------|-----------|---------------|
| Hewlett Packard                     | 3000      | Hanover        |      | PALO ALTO | FOOD SERVICE  |
| Hilton Garden Inn                   | 4220      | El Camino Real | 2    | PALO ALTO | FOOD SERVICE  |
| Hilton Homewood Inn                 | 4329      | EL CAMINO REAL | 3    | PALO ALTO | FOOD SERVICE  |
| HOBEE'S RESTAURANT                  | 4224      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| HOMMA'S BROWN RICE SUSHI            | 2363      | Birch          | B    | PALO ALTO | FOOD SERVICE  |
| HONEY BAKED HAM                     | 4113      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Hong Kong Restaurant                | 3691      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| HOOVER SCHOOL                       | 445       | Charleston     |      | PALO ALTO | FOOD SERVICE  |
| House of Bagels                     | 2190      | WestBayshore   |      | PALO ALTO | FOOD SERVICE  |
| HOWIE'S ARTISAN PIZZA               | 855       | El Camino Real | 60   | PALO ALTO | FOOD SERVICE  |
| HUNAN GARDEN RESTAURANT             | 3345      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| IL FORNAIO                          | 520       | Cowper         |      | PALO ALTO | FOOD SERVICE  |
| Indo                                | 3295      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Indochine                           | 2710      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| IZZY'S BROOKLYN BAGELS              | 477       | California     |      | PALO ALTO | FOOD SERVICE  |
| J J & F FOOD STORE                  | 520       | College        |      | PALO ALTO | FOOD SERVICE  |
| JACK IN THE BOX                     | 2280      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| JADE PALACE                         | 151       | California     | E101 | PALO ALTO | FOOD SERVICE  |
| Jamba Juice                         | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| JAMBA JUICE #3                      | 855       | El Camino Real | 69   | PALO ALTO | FOOD SERVICE  |
| JAMBA JUICE #325                    | 3990      | El Camino Real | 2    | PALO ALTO | FOOD SERVICE  |
| JANE LATHROP STANFORD MIDDLE SCHOOL | 480       | Meadow         |      | PALO ALTO | FOOD SERVICE  |
| JANTA INDIAN CUISINE                | 369       | Lytton         |      | PALO ALTO | FOOD SERVICE  |
| Japanese Tapas and Ramen            | 799       | San Antonio    |      | PALO ALTO | FOOD SERVICE  |
| Jewish Day School - Gideon Hausner  | 470       | San Antonio    |      | PALO ALTO | FOOD SERVICE  |
| JIN SHO                             | 454       | California     |      | PALO ALTO | FOOD SERVICE  |
| JING JING RESTAURANT                | 443       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| Joanie's Café                       | 405       | California     |      | PALO ALTO | FOOD SERVICE  |
| JORDAN MIDDLE SCHOOL                | 750       | California     |      | PALO ALTO | FOOD SERVICE  |
| JOYA                                | 339       | University     |      | PALO ALTO | FOOD SERVICE  |
| JUANA BRIONES SCHOOL                | 4100      | Orme ST        |      | PALO ALTO | FOOD SERVICE  |
| KANPAI                              | 330       | Lytton         |      | PALO ALTO | FOOD SERVICE  |
| Kara's Cupcakes                     | 855       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| KEHILLAH JEWISH HIGH SCHOOL         | 3900      | Fabian         |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                    | Street No | Street Name    | Unit | City      | Business Type |
|----------------------------------|-----------|----------------|------|-----------|---------------|
| KIRK'S STEAKBURGERS              | 855       | El Camino Real | 75   | PALO ALTO | FOOD SERVICE  |
| KRUNG SIAM THAI CUISINE          | 423       | University     |      | PALO ALTO | FOOD SERVICE  |
| L&L HAWAIIAN BBQ                 | 3890      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| LA BAGUETTE                      | 180       | El Camino Real | 170  | PALO ALTO | FOOD SERVICE  |
| La Bodeguita                     | 463       | California     |      | PALO ALTO | FOOD SERVICE  |
| La Boulange                      | 151       | University     |      | PALO ALTO | FOOD SERVICE  |
| LA COMIDA                        | 450       | Bryant         |      | PALO ALTO | FOOD SERVICE  |
| LA MORENITA RESTAURANT           | 800       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| LA STRADA                        | 335       | University     |      | PALO ALTO | FOOD SERVICE  |
| LOTUS THAI BISTRO                | 425       | California     |      | PALO ALTO | FOOD SERVICE  |
| LOVING HUT                       | 165       | University     |      | PALO ALTO | FOOD SERVICE  |
| LUCILE S PACKARD CHILDREN'S HOSP | 725       | Welch          |      | PALO ALTO | FOOD SERVICE  |
| LULU'S                           | 855       | El Camino Real | 49   | PALO ALTO | FOOD SERVICE  |
| LUNCHSTOP @ LOCKHEED MARTIN #206 | 3251      | Hanover        | 206  | PALO ALTO | FOOD SERVICE  |
| LYFE                             | 167       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| MACARTHUR PARK                   | 27        | University     |      | PALO ALTO | FOOD SERVICE  |
| Madame Tam                       | 322       | University     |      | PALO ALTO | FOOD SERVICE  |
| Mandarin Gourmet                 | 420       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| Mandarin Roots                   | 3345      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| MANGO CARIBBEAN RESTAURANT       | 435       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| MAX'S OPERA CAFE                 | 180       | El Camino Real | 711  | PALO ALTO | FOOD SERVICE  |
| MAYFIELD BAKERY & CAFÉ           | 855       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| MCDONALD'S @ SSC                 | 180       | El Camino Real | 190  | PALO ALTO | FOOD SERVICE  |
| MCDONALD'S RESTAURANT #3094      | 3128      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| MEDITERRANEAN WRAPS              | 433       | California     |      | PALO ALTO | FOOD SERVICE  |
| MEDITERRANEAN WRAPS              | 209       | University     |      | PALO ALTO | FOOD SERVICE  |
| Melt, The                        | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| MIKE'S CAFE ETC                  | 2680      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| MING'S VILLA                     | 1700      | Embarcadero    |      | PALO ALTO | FOOD SERVICE  |
| Mitchell Park Library            | 3700      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| MOLLIE STONES MARKET             | 164       | California     |      | PALO ALTO | FOOD SERVICE  |
| Monique's Chocolates             |           |                |      | PALO ALTO | FOOD SERVICE  |
| Mountain Mike's Pizza            | 3918      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| NEIMAN-MARCUS RESTAURANT         | 180       | El Camino Real | 400  | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                            | Street No | Street Name    | Unit | City      | Business Type |
|--|-----------|----------------|------|-----------|---------------|
| New York New York                        | 125       | UNIVERSITY AV  |      | PALO ALTO | FOOD SERVICE  |
| NEW YORK PIZZA                           | 325       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| NOLA'S                                   | 535       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| NORDSTROM #422                           | 180       | El Camino Real | 550  | PALO ALTO | FOOD SERVICE  |
| O Sushi House                            | 403       | University     |      | PALO ALTO | FOOD SERVICE  |
| OHLONE SCHOOL                            | 950       | Amarillo       |      | PALO ALTO | FOOD SERVICE  |
| OLD PRO                                  | 545       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| OLIVE GARDEN RESTAURANT                  | 2515      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Opa                                      | 140       | University     |      | PALO ALTO | FOOD SERVICE  |
| Oren's Hummus Shop                       | 261       | University     |      | PALO ALTO | FOOD SERVICE  |
| OSTERIA                                  | 247       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| Palantir Technologies                    | 101       | University     |      | PALO ALTO | FOOD SERVICE  |
| PALO ALTO BAKING COMPANY                 | 381       | California     |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Breakfast House                | 2706      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Buddhist Temple                | 2751      | Louis          |      | PALO ALTO | FOOD SERVICE  |
| PALO ALTO CAFE                           | 2675      | Middlefield    | A    | PALO ALTO | FOOD SERVICE  |
| PALO ALTO CITY HALL CAFE                 | 250       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Commons - North                | 4041      | El Camino      |      | PALO ALTO | FOOD SERVICE  |
| PALO ALTO ELKS LODGE                     | 4249      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Golf - BAY CAFÉ & GOURMET DELI | 1875      | Embarcadero    |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Grill                          | 140       | University     |      | PALO ALTO | FOOD SERVICE  |
| PALO ALTO HILLS GOLF & COUNTRY CLUB      | 3000      | Alexis         |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Mosque                         | 998       | San Antonio    |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Nursing Center                 | 911       | Bryant         |      | PALO ALTO | FOOD SERVICE  |
| Palo Alto Pizza Co.                      | 2434      | Park           |      | PALO ALTO | FOOD SERVICE  |
| PALO ALTO SENIOR HIGH SCHOOL             | 50        | Embarcadero    |      | PALO ALTO | FOOD SERVICE  |
| PALO ALTO SOL                            | 408       | California     |      | PALO ALTO | FOOD SERVICE  |
| PALO VERDE SCHOOL                        | 3450      | Louis          |      | PALO ALTO | FOOD SERVICE  |
| PAMF GUCKENHEIMER                        | 795       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| PAMPAS                                   | 529       | Alma           |      | PALO ALTO | FOOD SERVICE  |
| PANACHE CATERING                         | 3261      | Ash            | B    | PALO ALTO | FOOD SERVICE  |
| Panda Express                            | 2310      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Papa John's Pizza                        | 3898      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| PAPA MURPHYS                             | 2730      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                     | Street No | Street Name    | Unit | City      | Business Type |
|-----------------------------------|-----------|----------------|------|-----------|---------------|
| Papa Murphy's @ ECR               | 3850      | EL CAMINO REAL |      | PALO ALTO | FOOD SERVICE  |
| PAPASITO'S SPORTS BAR & GRILL     | 2115      | Saint Francis  |      | PALO ALTO | FOOD SERVICE  |
| Paris Baguette                    | 383       | University     |      | PALO ALTO | FOOD SERVICE  |
| Pastis Bistro                     | 447       | California     |      | PALO ALTO | FOOD SERVICE  |
| Patio @ Rudy's, The               | 412       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| PATXI'S CHICAGO PIZZA             | 441       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| Peet's Coffee                     | 436       | University     |      | PALO ALTO | FOOD SERVICE  |
| PEET'S COFFEE & TEA               | 855       | El Camino Real | 77   | PALO ALTO | FOOD SERVICE  |
| PEET'S COFFEE & TEA               | 153       | Homer          |      | PALO ALTO | FOOD SERVICE  |
| PEET'S COFFEE & TEA #111          | 3904      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| PENINSULA CREAMERY DAIRY FOUNTAIN | 900       | High           |      | PALO ALTO | FOOD SERVICE  |
| PENINSULA FOUNTAIN & GRILL        | 566       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| PF CHANG'S CHINA BISTRO           | 180       | El Camino Real | 900  | PALO ALTO | FOOD SERVICE  |
| Philz Coffee                      | 3191      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| PIAZZA'S FINE FOODS GROCERY       | 3922      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| Pieology Pizzeria                 | 2305A     | El Camino      |      | PALO ALTO | FOOD SERVICE  |
| Pinkberry FrozenYogurt            | 180       | El Camino Real | 14   | PALO ALTO | FOOD SERVICE  |
| PIZZA CHICAGO                     | 4115      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| PIZZA MY HEART                    | 220       | University     |      | PALO ALTO | FOOD SERVICE  |
| Pizza Studio                      | 365       | California     |      | PALO ALTO | FOOD SERVICE  |
| Pizzeria Delfina                  | 651       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| PLUTO'S                           | 482       | University     |      | PALO ALTO | FOOD SERVICE  |
| POMMAND CAFE                      | 3163      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| PRINTERS CAFE                     | 320       | California     |      | PALO ALTO | FOOD SERVICE  |
| PROLIFIC OVEN THE                 | 550       | Waverley       |      | PALO ALTO | FOOD SERVICE  |
| R&B SEAFOOD RESTAURANT            | 2209      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| RAMONA'S PIZZA                    | 2313      | Birch          |      | PALO ALTO | FOOD SERVICE  |
| Rangoon Ruby's                    | 445       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| Red Mango/Auntie Anne's           | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Renzo                             | 473       | UNIVERSITY AV  |      | PALO ALTO | FOOD SERVICE  |
| REPASADO                          | 236       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| Rice Thai Cuisine                 | 3924      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| RICK'S ICE CREAM                  | 3950      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| ROJOZ WRAPS                       | 3906      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                        | Street No | Street Name    | Unit | City      | Business Type |
|--------------------------------------|-----------|----------------|------|-----------|---------------|
| Ronald McDonald House                | 50        | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| ROSE & CROWN                         | 547       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| ROUND TABLE PIZZA                    | 702       | Colorado       |      | PALO ALTO | FOOD SERVICE  |
| ROUND TABLE PIZZA #15                | 263       | University     |      | PALO ALTO | FOOD SERVICE  |
| SAFEWAY #1682                        | 2811      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| Sam's Chowder House                  | 185       | University     |      | PALO ALTO | FOOD SERVICE  |
| SANCHO'S TAQUERIA                    | 491       | Lytton         |      | PALO ALTO | FOOD SERVICE  |
| Sancho's Taqueria                    | 2727      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| SAP CAFÉ D-BON APPETIT               | 3410      | Hillview       |      | PALO ALTO | FOOD SERVICE  |
| SAP Cafeteria @ 3420 Hillview Ave    | 3420      | Hillview       |      | PALO ALTO | FOOD SERVICE  |
| SAP Cafeteria @ 3450 Hillview Ave    | 3450      | Hillview       |      | PALO ALTO | FOOD SERVICE  |
| SAP CAFETERIA-BON APPETIT            | 3475      | Deer Creek     |      | PALO ALTO | FOOD SERVICE  |
| SAP-BON APPETIT                      | 3412      | Hillview       |      | PALO ALTO | FOOD SERVICE  |
| SATURA CAKES                         | 320       | University     |      | PALO ALTO | FOOD SERVICE  |
| SCHAUB'S MEAT FISH & POULTRY         | 180       | El Camino Real | 395  | PALO ALTO | FOOD SERVICE  |
| Scoop Microcreamery                  | 203       | University     |      | PALO ALTO | FOOD SERVICE  |
| SCOTT'S SEAFOOD GRILL & BAR          | 855       | El Camino Real | 1    | PALO ALTO | FOOD SERVICE  |
| SCOTTY'S BAR                         | 548       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| Sea by Alexander's Steakhouse, The   | 4269      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| SEE'S CANDIES #45                    | 180       | El Camino Real | 680  | PALO ALTO | FOOD SERVICE  |
| SHERATON PALO ALTO                   | 625       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| SHOKOOLAT                            | 516       | University     |      | PALO ALTO | FOOD SERVICE  |
| Siam Orchid                          | 496       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| SIAM ROYAL AUTHENTIC THAI CUISINE    | 338       | University     |      | PALO ALTO | FOOD SERVICE  |
| SIGONA FARMERS MKT                   | 180       | El Camino Real | 399  | PALO ALTO | FOOD SERVICE  |
| SIMPLY SANDWICHES                    | 2431      | Ash            |      | PALO ALTO | FOOD SERVICE  |
| Sliderbar Café                       | 324       | University     |      | PALO ALTO | FOOD SERVICE  |
| SO GONG DONG TOFU HOUSE              | 4127      | El Camino Real | A    | PALO ALTO | FOOD SERVICE  |
| SODEXHO @ SCHERING PLOUGH BIOPHARMA  | 901       | California     |      | PALO ALTO | FOOD SERVICE  |
| SODEXHO MGNT INC@ HP3000 HANOVER BLD | 3000      | Hanover        | 20C  | PALO ALTO | FOOD SERVICE  |
| SODEXHO MNGT INC-HP STANFORD SITE    | 1501      | Page Mill      |      | PALO ALTO | FOOD SERVICE  |
| SOS FINE FOODS                       | 949       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| SPACE SYSTEMS LORAL                  | 3825      | Fabian         |      | PALO ALTO | FOOD SERVICE  |
| SPAGO                                | 265       | Lytton         |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                            | Street No | Street Name    | Unit | City      | Business Type |
|--|-----------|----------------|------|-----------|---------------|
| SPALTI RISTORANTE                        | 417       | California     |      | PALO ALTO | FOOD SERVICE  |
| Spice Kit                                | 340       | California     |      | PALO ALTO | FOOD SERVICE  |
| SPOT-A-PIZZA PLACE                       | 115       | Hamilton       |      | PALO ALTO | FOOD SERVICE  |
| Sprinkles                                | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| SPROUTS                                  | 168       | University     |      | PALO ALTO | FOOD SERVICE  |
| SSC Bloomingdale's Redevelopment Project | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| ST ELIZABETH SETON SCHOOL                | 1095      | Channing       |      | PALO ALTO | FOOD SERVICE  |
| ST MICHAEL'S ALLEY                       | 806       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| Stanfod Shopping Center Trash/Recycling  | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Stanford Hoover Building                 | 211       | Quarry         |      | PALO ALTO | FOOD SERVICE  |
| Stanford Hospital & Clinics              | 2445      | Faber          |      | PALO ALTO | FOOD SERVICE  |
| STANFORD TERRACE INN                     | 531       | Stanford       |      | PALO ALTO | FOOD SERVICE  |
| STANFORD THEATRE FOUNDATION              | 221       | University     |      | PALO ALTO | FOOD SERVICE  |
| Stanford University                      | 3160      | Porter         |      | PALO ALTO | FOOD SERVICE  |
| STARBUCKS #5555                          | 2775      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| STARBUCKS #9870                          | 361       | California     |      | PALO ALTO | FOOD SERVICE  |
| Starbuck's @ Edgewood Plaza              | 2190      | WestBayshore   |      | PALO ALTO | FOOD SERVICE  |
| Starbuck's Coffee #17011                 | 3885      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| STARBUCKS COFFEE #2822                   | 180       | El Camino Real | 79   | PALO ALTO | FOOD SERVICE  |
| STARBUCKS COFFEE #2886                   | 4131      | El Camino Real | 101  | PALO ALTO | FOOD SERVICE  |
| STARBUCKS COFFEE #5541                   | 2000      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| STARBUCKS COFFEE #565                    | 376       | University     |      | PALO ALTO | FOOD SERVICE  |
| Steam                                    | 209       | University     |      | PALO ALTO | FOOD SERVICE  |
| SU HONG                                  | 4256      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| SU HONG RESTAURANT PALO ALTO             | 4111      | El Camino      |      | PALO ALTO | FOOD SERVICE  |
| Subway                                   | 205       | University     |      | PALO ALTO | FOOD SERVICE  |
| SUBWAY #27048                            | 421       | California     |      | PALO ALTO | FOOD SERVICE  |
| SUBWAY #30816                            | 4131      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| SUBWAY #32950 - Midtown                  | 2717      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| SUNDANCE MINE COMPANY                    | 1921      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| SUSHI HOUSE                              | 855       | El Camino Real | 158  | PALO ALTO | FOOD SERVICE  |
| SUSHI TOMO                               | 4131      | El Camino      |      | PALO ALTO | FOOD SERVICE  |
| SUSHI TOMO                               | 201       | University     |      | PALO ALTO | FOOD SERVICE  |
| Sushiritto                               | 448       | University     |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                     | Street No | Street Name    | Unit | City      | Business Type |
|-----------------------------------|-----------|----------------|------|-----------|---------------|
| SZECHWAN CAFE                     | 406       | California     |      | PALO ALTO | FOOD SERVICE  |
| TACO BELL #2297                   | 910       | Charleston     |      | PALO ALTO | FOOD SERVICE  |
| Tacolicious                       | 636       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| TAIPAN PALO ALTO                  | 560       | Waverley       |      | PALO ALTO | FOOD SERVICE  |
| TAMARINE RESTAURANT               | 546       | University     |      | PALO ALTO | FOOD SERVICE  |
| TAQUERIA AZTECA                   | 321       | California     | 2    | PALO ALTO | FOOD SERVICE  |
| TAQUERIA EL GRULLENSE             | 3636      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Tava Indian Kitchen               | 855       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| TEA TIME-TEA LOVERS SHOP          | 542       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| TEAVANA # 26                      | 180       | El Camino Real | 3    | PALO ALTO | FOOD SERVICE  |
| TERMAN MIDDLE SCHOOL              | 655       | Arastradero    |      | PALO ALTO | FOOD SERVICE  |
| Terrone Pizzeria                  | 448       | California     |      | PALO ALTO | FOOD SERVICE  |
| TEUSCHER CHOCOLATE OF SWITZERLAND | 180       | El Camino Real | 151  | PALO ALTO | FOOD SERVICE  |
| Thaiphoon Restaurant              | 543       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| THREE SEASONS RESTAURANT          | 518       | Bryant         |      | PALO ALTO | FOOD SERVICE  |
| TIBCO-BON APPETIT                 | 3307      | Hillview       |      | PALO ALTO | FOOD SERVICE  |
| Tin Pot Creamery                  | 855       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Tofu House                        | 4217      | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Tootsies                          | 700       | Welch          |      | PALO ALTO | FOOD SERVICE  |
| TRADER JOES                       | 855       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| Umami Burger                      | 452       | University     |      | PALO ALTO | FOOD SERVICE  |
| University Café                   | 271       | University     |      | PALO ALTO | FOOD SERVICE  |
| UNIVERSITY CLUB OF PALO ALTO      | 3277      | Miranda        |      | PALO ALTO | FOOD SERVICE  |
| UZUMAKI SUSHI                     | 451       | California     |      | PALO ALTO | FOOD SERVICE  |
| VA Hospital                       | 3801      | Miranda        |      | PALO ALTO | FOOD SERVICE  |
| Varian Cafeteria                  | 3130      | Hansen         | 4B   | PALO ALTO | FOOD SERVICE  |
| VERO                              | 530       | Bryant         |      | PALO ALTO | FOOD SERVICE  |
| VILLAGE CHEESE HOUSE INC          | 855       | El Camino Real | 157  | PALO ALTO | FOOD SERVICE  |
| VIN VINO WINE                     | 437       | California     |      | PALO ALTO | FOOD SERVICE  |
| VINO LOCALE                       | 431       | Kipling        |      | PALO ALTO | FOOD SERVICE  |
| VM Ware                           | 902       | Arastradero    |      | PALO ALTO | FOOD SERVICE  |
| VMWare Building HTC               | 3431      | Hillview       |      | PALO ALTO | FOOD SERVICE  |
| WALTER HAYS SCHOOL                | 1525      | Middlefield    |      | PALO ALTO | FOOD SERVICE  |
| WESTERN DINING @ CPI              | 811       | Hansen         |      | PALO ALTO | FOOD SERVICE  |

FOOD SERVICE ESTABLISHMENTS

| Business Name                          | Street No | Street Name    | Unit | City      | Business Type |
|--|-----------|----------------|------|-----------|---------------|
| WESTIN PALO ALTO                       | 675       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| WHOLE FOODS MARKET                     | 774       | Emerson        |      | PALO ALTO | FOOD SERVICE  |
| WILSON SONSINI GOODRICH - Guckenheimer | 650       | Page Mill      |      | PALO ALTO | FOOD SERVICE  |
| WINE ROOM, THE                         | 520       | Ramona         |      | PALO ALTO | FOOD SERVICE  |
| Yogurtland                             | 494       | University     |      | PALO ALTO | FOOD SERVICE  |
| Yucca De Lac                           | 180       | El Camino Real |      | PALO ALTO | FOOD SERVICE  |
| ZIBIBBO'S                              | 430       | Kipling        |      | PALO ALTO | FOOD SERVICE  |
| Zola                                   | 565       | Bryant         |      | PALO ALTO | FOOD SERVICE  |
| ZYME & DINE CAFE                       | 925       | Page Mill      |      | PALO ALTO | FOOD SERVICE  |

***Industrial Business Categories Fiscal Year***City: ***Palo Alto***

| <i>Business Categories</i>                                       | <i>Num Inspection</i> | <i>Actual Discharge</i> | <i>Potential or Other</i> |
|--|-----------------------|-------------------------|---------------------------|
| Automotive   | 136                   | 0                       | 0                         |
| Food Service   | 212                   | 11                      | 28                        |
| Landfills  | 3                     | 0                       | 0                         |
| Other - Aerospace Research                                       | 2                     | 0                       | 0                         |
| Other - Biomedical Research                                      | 3                     | 0                       | 0                         |
| Other - Biotech Research   | 2                     | 0                       | 0                         |
| Other - Crystal Wafer Manufacturer 469.26                        | 1                     | 0                       | 0                         |
| Other - Industrial Enzyme R&D                                    | 1                     | 0                       | 0                         |
| Other - Medical Facility with Clinical Labs                      | 5                     | 0                       | 0                         |
| Other - Metal Finisher 433.15                                    | 8                     | 0                       | 0                         |
| Other - Metal Finisher, Zero Discharge 433.17                    | 2                     | 0                       | 0                         |
| Other - Metal Finisher, Zero Discharge 433.17/ Med equipment R&D | 1                     | 0                       | 0                         |
| Other - Nano Technology Research                                 | 1                     | 0                       | 0                         |
| Other - Optics Manufacturer                                      | 1                     | 0                       | 0                         |
| Other - Pharmaceutical Research                                  | 2                     | 0                       | 0                         |
| Other - Pharmaceutical Research and Development                  | 2                     | 0                       | 0                         |
| Other - Semiconductor Manufacturer 469                           | 2                     | 0                       | 0                         |
| Other - Semiconductor Research                                   | 4                     | 0                       | 0                         |
| Other - Semiconductor Research & Development                     | 1                     | 0                       | 0                         |
| Other - Semiconductor Research and development                   | 1                     | 0                       | 0                         |
| Other - Thin Film R&D  | 1                     | 0                       | 0                         |
| Other - University   | 1                     | 0                       | 0                         |
| Other -Automotive Manufacturing R&D                              | 1                     | 0                       | 0                         |
| <b><i>Totals For City :</i></b>                                  | <b><i>393</i></b>     | <b><i>11</i></b>        | <b><i>28</i></b>          |

***Palo Alto***

Appendix 5-1  
C.5.c.iii Complaint and Spill Response Phone  
Number and Spill Contact List

From Palo Alto Website:

<http://www.cityofpaloalto.org/news/displaynews.asp?NewsID=338&TargetID=63>

## Reporting Spills, Dumping, and Back-Ups

The Regional Water Quality Control Plant (RWQCP) treats wastewater for the East Palo Alto Sanitary District, Los Altos, Los Altos Hills, Mountain View, Palo Alto, and Stanford. However, **different agencies handle stormwater, collection system, and spill response issues** in these cities. Below is a list of City agencies in our service area that can be contacted.

### Reporting Spills, Dumping, and Back-Ups In Palo Alto

The following information is for Palo Alto residents only!

#### Call to Report Hazardous Spills:

If you notice any unusual substance in or around a storm drain, or if you see someone dumping anything into a storm drain, don't wait! Call the City of Palo Alto 24-hour communications line at 650-329-2413 immediately.

Call the City at 650-329-2413 if you see any spill of a potentially hazardous material in or around a street, or gutter, in or around local creeks or the Bay, or elsewhere in the outdoor environment.

If you find out that hazardous materials have been dumped in the sewer system, call the Regional Water Quality Control Plant at 650-329-2598.

#### Call if a Sewer Line is Blocked:

Call the Utilities Emergency Line: 650-329-2579

Note: If your drains back up because roots are clogging the sewer line, use mechanical root removal, not crystal-form root killers you flush down the toilet. Mechanical root removal is the most environmentally sound method of controlling roots in sewer pipes. Use of crystal-form, copper-based root killers have been banned in the Bay Area. They are also not as effective as mechanical removal, and they contribute significant amounts of copper (which is toxic to marine life) to the Bay's sensitive ecosystem.

#### Call for a Clogged Storm Drain:

In an emergency (flooding imminent), call the Utilities Emergency Line at 650-329-2579

If it's not an emergency, call Storm Drain Maintenance at 650-496-6974

### Reporting Spills, Dumping, and Back-Ups in Cities Other Than Palo Alto

- East Palo Alto Sanitary District  
Back-Ups 650-325-9021  
Storm Drains 650-853-3189  
Spills and Dumping 650-325-9021  
RWQCP(Sewer) 650-329-2598
- Los Altos  
Back-Ups 650-947-2785 / 650-947-2770  
Storm Drains 650-948-0482 / 650-948-8223  
Spills and Dumping 911  
RWQCP(Sewer) 650-329-2598
- Los Altos Hills  
Back-Ups 650-941-7222 / 408-299-3233  
Storm Drains 650-941-7222 / 408-299-3233  
Spills and Dumping 911  
RWQCP(Sewer) 650-329-2598
- Mountain View  
Back-Ups 650-903-6329  
Storm Drains 650-903-6329

- Spills and Dumping 650-903-6329  
RWQCP(Sewer) 650-329-2598
- Stanford  
Back-Ups 650-723-2281 (Work Control)  
Storm Drains 650-723-2281 (Work Control)  
Spills and Dumping 650-723-2281 (Work Control)  
RWQCP(Sewer) 650-329-2598

*Posted May 15, 2012*

Appendix 9-1  
C.9.d City of Palo Alto IPM Contract Language

## **Scope of Work- Attachment C IPM Structural Pest Control Service**

### **A. General Information**

The City of Palo Alto seeks experienced Integrated Pest Management (IPM) pest control services for City facilities. The City's IPM policy strives to promote IPM strategies to improve water quality in local creeks and the Bay, and independent of the policy, staff wishes to minimize health hazards to people from pesticide exposure.

IPM, also known as reduced-risk pest management, encourages long-term pest prevention and suppression through biological controls, habitat manipulation, use of resistant plant varieties, improved landscape and building hygiene, and structural repair and pest barriers. IPM sanctions synthetic chemical pesticides only as a last resort, and only with the least toxic chemicals available that perform the task. IPM depends on understanding a pest's environmental requirements and natural enemies in order to facilitate less toxic pest control and requires ongoing monitoring for pests to ensure that small infestations do not become large ones. IPM seeks to minimize pest concerns while minimizing human health, environmental, and financial risks.

### **Background:**

The City of Palo Alto has maintained an active IPM program since 2001. Its efforts to date have reduced total City pesticide use by 36% as of 2008. The City of Palo Alto is considered a Bay Area leader in IPM and was awarded the *Department of Pesticide Regulation IPM Innovator of the Year Award*. The City is committed to using state of the art IPM methods for structural pest control to minimize pesticide use associated with water quality toxicity and to protect human health. For more information, read the City's Annual Pest Management and Pesticide Use Report located at [www.cityofpaloalto.org/civica/filebank/blobdload.asp?BlobID=15532](http://www.cityofpaloalto.org/civica/filebank/blobdload.asp?BlobID=15532).

### **B. Project Description**

The Contractor shall furnish all supervision, labor, materials, and equipment necessary to evaluate, monitor, and provide pest management services for City of Palo Alto buildings. Pest control methods shall first strive to use non-chemical controls such as trapping and pest proofing, followed by chemical controls only if non-chemical methods fail.

1. **Using IPM strategies, the contractor shall control structural pests to include:**
  - a) **Insects and other arthropods:** These include ants, cockroaches, yellow jackets and other wasps and bees, and any other arthropod pest not specifically excluded from the contract.
  - b) **Mice and rats:** The contractor shall adequately suppress rats and mice found inside and outside buildings. Pick-up and proper disposal of dead vertebrates is also included in this scope of work, unless other arrangements for collection and disposal are agreed upon by Facility and Site Supervisors
  - c) **Pests excluded from contract:**
    - Termites and other wood destroying organisms
    - Mosquitoes (mosquito abatement)
    - Pests that primarily feed on outdoor vegetation unless they are invading a structure
    - Birds, bats, snakes and all other vertebrates not listed above

- d) **Removal of stinging insects-** the contractor shall remove nests of yellow jackets when they pose a human safety threat and are located on City property. The contractor shall work with Environmental Compliance and other City departments as needed to identify how bee hive access can be altered to avoid hive removal or destruction. Africanized bee nests shall be destroyed. Bee removal must be supervised by a CONTRACTOR employee, and performed on behalf of CONTRACTOR, if the service is not performed by a CONTRACTOR employee directly.
- e) **Reduce pest problem hotspots** with the goal of solving structural and hygiene challenges so that facilities currently requiring a monthly service can reduce their need for chemical pest control and regular service.

**2. The contractor must provide regular pesticide reporting information in electronic format outlined in Section C7.**

**C. Specific Work Tasks**

The contractor shall:

- 1. **Control pests while minimizing human exposure to pesticides, secondary poisoning to non-target animals and pesticide-related water pollution** by adhering to the following conditions:
  - a. The following products shall **not** be used for insect control:
    - i. Products labeled with the signal word “danger”
    - ii. Organophosphate products (e.g., diazinon or chlopyrifos)
    - iii. Carbamate products (e.g., carbaryl)
    - iv. Pyrethroid products (see expanded list, Attachment AA). Containerized pyrethroid products, or pyrethroid products whose application method prevents pyrethroid release to the environment may be authorized by the IPM coordinator.
  - b. Containerized baits are preferred for ant control
  - c. No **spray insecticides** may be used **except** insecticidal soaps and plant-based products (e.g., pyrethrins, mint oil, rosemary oil, etc.). **Emergency use of other pesticides may be authorized by the City’s IPM coordinator.**
  - d. Trapping and exclusion shall be the primary rodent control methods. To prevent bait resistance and secondary poisoning, rodent baits shall only be used when trapping and exclusion are unsuccessful and **in consultation with the IPM Coordinator.**
  - e. No outdoor applications of pesticides of any kind shall be applied on impervious surfaces when a 40% or greater chance of rain is forecast within three days unless the pesticides are containerized baits that will not contribute to runoff pollution.
  - f. Prior to application, contractor must notify manager or supervisors overseeing the employees in the working areas that are to be treated with any pest control product other than containerized baits.
  - g. Submit all MSDSs for products that shall be used and receive authorization for their use from the City of Palo Alto IPM Coordinator and Facilities Supervisor prior to commencement of work. No additional products may be introduced for use without prior authorization from the City IPM coordinator.
  - h. Contractor and the Facilities Supervisor shall agree upon the extent and scope of minor repairs and pest proofing needed at facilities that are to be performed by contractor: e.g., crack and crevice sealing for ant and cockroach exclusion. Contractor will provide recommendations and corresponding proposals for major repairs such as rodent proofing to assist facilities maintenance staff in their decision making process. If

the city does not provide the repairs or hygiene needed that are designated as their responsibility, the contractor is not responsible for the continuation of pest problems.

2. **Respond to new or emergency pest management requests within 24 hours** of service call. If the CONTRACTOR technician is not available at a time of emergency, the service request shall be routed to other available technicians based on proximity and experience with the pest(s).
3. **Reduce pest populations** at sites designated by the Facilities Supervisor that have historically had regular pest problems requiring monthly service with the goals of:
  - reducing the frequency and severity of pest problems using IPM strategies
  - reducing access and favorable conditions that support pests, and
  - reducing the need for chemical pest control

Frequency of site visits may be reduced or eliminated at the discretion of each site manager, the City's Facilities Supervisor, or IPM Coordinator when pest problems subside. Sites that are not included on Attachment D may be serviced and will be paid by divisions requesting the service through a Master Agreement or purchase order.

#### 4. **Pest Monitoring**

- a. Services shall be provided monthly to all sites except as listed otherwise in Attachment D and shall be divided into four groups so that a CONTRACTOR technician shall be in a City of Palo Alto building every week. Requests for services that fall between the scheduled monthly visits shall be handled during the technician's weekly visit to City of Palo Alto locations, unless otherwise directed.
- b. Upon request, during the CONTRACTOR technician's visit to the service site they shall refer to the pest sighting log book for reports of pest activity. If there is a report in the log book, the technician shall contact the reporting person for more information if necessary and then proceed to identify:
  1. The extent of the infestation
  2. The control options that are most appropriate to the specific location of pest(s) occurring
  3. The conditions conducive to the pest(s)
  4. If the technician can treat the pest using a non-chemical method they shall carry out the treatment or make arrangements with the necessary building staff to do so. If necessary, the technician shall make a follow-up visit prior to the next monthly service to evaluate the effectiveness of the treatment.

If there is not a report in the log book, the technician will inspect the premises and identify:

1. If there is evidence of pest activity
  2. If present pest(s) necessitate a treatment
  3. The conditions conducive to the pest(s)
  4. The control options available to this specific site and pest(s)
- c. All service records will be signed and dated by the site contact and kept on site and/or in the Pest Sighting Log Book so they may be reviewed.

5. **Track pest management and pesticide use.** The following records must be kept and procedures followed while servicing these sites:

- a. EcoWise Certified Inspection Report and Needed Repairs (Attachment BB) Copies of inspection records and repair recommendations must be provided to site manager and Facility Supervisor after each site visit. With the approval of the IPM Coordinator, the contractor's own reporting forms may be used if the same criteria as the City's are used.
- b. **Contractor Pesticide Application Form** (see Section C7 "Requirements" for instructions). This information is critical as the City tracks information about non-chemical control methods and many aspects of pesticide use in order to reduce the most toxic pesticides and volume of pesticides used. The contractor must also have Internet access and the ability to enter pesticide use information on-line if the City provides that reporting mechanism.

## 6. Uniforms and Equipment

All personnel, while working in or on government-owned or leased premises, shall have at a minimum the Contractor's company name easily identifiable, affixed thereon in a permanent or semi-permanent manner on vehicles and uniforms. Additional personal protective equipment, required by State Law for the safe performance of work, must be determined and provided by the Contractor. Vehicles used by the Contractor must be clearly marked and identified in accordance with State and local regulations.

## 7. Requirements

- a) The contractor: must currently be certified by *EcoWise Certified* as an IPM Service Provider OR meet program's current requirements. EcoWise is a project of the Association of Bay Area Governments (see [www.ecowisecertified.org](http://www.ecowisecertified.org)). **An equivalent certification may be negotiated** by the contractor and IPM Coordinator if the City or contractor wish to use a different certification program.
- b) **The contractor must provide regular pesticide reporting information in electronic format using the City's Contractor Pesticide Application Form (Microsoft Excel)** to be provided after the proposal is awarded. The Excel file must be **emailed** to the City's IPM Coordinator: [julie.weiss@cityofpaloalto.org](mailto:julie.weiss@cityofpaloalto.org) by the 15<sup>th</sup> of each month for the previous month's work or as otherwise approved by the IPM Coordinator. The contractor must also have Internet access and the ability to enter pesticide use information on-line if the City provides that reporting mechanism.
- c) The contractor must be in compliance with all federal, state, and local pest control operator requirements and regulations and maintain current licenses.
  - i. Firm must be a registered structural pest control company in the State of California.
  - ii. At least one supervisor of onsite operations must possess a valid Structural Pest Control Operators license for Branch 2 (General Structural Pests).
  - iii. All onsite staff must possess, at least, valid Structural Pest Control Applicator certification and/or Qualified Applicator Certificates.
  - iv. Firm must demonstrate five (5) years minimum experience with industrial, commercial, and institutional accounts immediately preceding a submission of RFP.
  - v. Four (4) verifiable references must be provided.
  - vi. All onsite supervisors must possess, at least, valid Structural Pest Control Field Representative Licenses for Branch 2.

**Pyrethroid Active Ingredients**

Allethrin  
Beta-Cyfluthrin  
Bifenthrin  
Cyfluthrin  
Cypermethrin  
Deltamethrin  
d-trans allethrin  
Esbiothrin  
Esfenvalerate  
Lambda-Cyhalothrin  
Permethrin  
Phenothrin  
Prallethrin  
Resmethrin  
s-Bioallethrin  
Sumithrin  
Tau-Fluvalinate  
Tetramethrin  
Tralomethrin

## **VII. INTEGRATED PEST MANAGEMENT (IPM) and SUSTAINBLE LANDSCAPING**

The City of Palo Alto has an award winning IPM program, has signed BayFriendly Landscaping Declaration, trains staff in Bay Friendly and IPM standards and has adopted policies, procedures and sustainable landscaping standards that include IPM, BayFriendly and other best practices. These standards have improved pest control, reduced staff exposure to pesticides and reduced toxicity of public areas adjacent to sensitive habitats such as creeks and the Baylands. Respect of these policies, goals and pest prevention priorities is required by the landscape maintenance provider.

The City focuses on long-term prevention or suppression of pest problems with minimum impact on human health, the environment, and non-target organisms. Preferred pest management techniques include encouraging naturally occurring biological control, using alternative plant species or varieties that resists pests; adoption of cultivating, pruning, fertilizing, or irrigation practices that reduce pest problems, or changing the habitat to make it incompatible with pest development, selecting pesticides with a lower toxicity to humans or non-target organisms; Broad spectrum needed according to pre-established guidelines. When treatments are necessary, the least toxic and integrated pest management program requires a thorough understanding of pests, their environmental requirements and natural enemies as well as establishment of a regular, systematic program for surveying pests, their damage and/or other evidence of their presence.

- A. Within 45 days and annually on the anniversary of this agreement, the Contractor shall submit to the City's Open Space, Parks and Golf Division an **INTEGRATED PEST MANAGEMENT PLAN** that complies with the City of Palo Alto IPM policy, goals and specifications outlined in this RFP. This IPM program shall be reviewed annually for updates and modifications with Open Space Parks and Golf Division staff. Frequent and thorough site inspections, on foot, will be needed to ensure no major infestations occur. The first priority in addressing pests will be to conserve naturally occurring beneficial insects through the use of selective applications of the least toxic effective materials. Biological controls will be based upon sound scientific information such as that provided by the University of California. Conventional pesticides will be given last priority. Open Space, Parks and Golf Division staff will provide site-specific historical data for known infestations. Contractor shall provide any MSDS sheets of chemicals that will be utilized.
- B Pest control shall be done only by qualified, trained personnel, under the supervision of a State licensed pest control operator, using materials

approved by the City's Field Service Inspectors and/or Project Manager. The pesticide application shall be done with extreme care to avoid any hazard to any person, pet, or wildlife in the area or adjacent areas, or any property damage. Application shall be in strict accordance with all governing regulations. The Contractor must provide, within 30 days of the Notice to Proceed, their Pest Control Operators License, and the names and license/certification numbers of any individuals responsible for or applying pesticides in accordance with this agreement.

- C. All pest infestations shall be reported to the City's Field Service Inspectors and/or Project Manager. **The Project Manager prior to application shall approve all pesticides applications.** Records of all pest control operations stating dates, locations, times, methods of application, chemical formulations, applicators names and weather conditions shall be made and retained in an active file for a minimum of three (3) years.
- D. Rodent Control—Contractor shall keep all turf and landscaped areas free of gophers by using Macabee gopher traps or other devices approved by the contract manager. **Rodenticide use is not allowed.** Holes caused by gophers shall be backfilled with soil provided by City.
- E. Written report of all applications shall be provided to the Open Space, Parks and Golf Division on a monthly basis as well to the City's Environmental Specialist. The Contractor must use the "Palo Alto Contractor Monthly Pesticide Use Summary" form Provided by the City's IPM Coordinator.
- F. All chemicals requiring a special permit for use must be registered with the county Agricultural Commissioner's Office and a permit obtained with a copy to the Parks and Golf Division.
- G. All regulations and safety precautions listed in the "Pesticide Information and Safety Manual, published by the University of California and the Pesticide Safety Information Series (PSIS) published by the California Department of Pesticide Regulation shall be adhered to.
- H. Spraying is not permitted during heavy traffic (vehicle, bicycle, or pedestrian) periods or when winds create uncontrollable material drift and/or exceeds 5mph and/or as directed per chemical label. The Field Service Inspector and/or Project Manager will permit no spraying without prior approval and have the ability to permit no spraying if he/she believes one of the above is in violation. Contractor is to contact Field Service Inspectors for ideal times to spray certain sites when traffic is at its minimum to avoid conflicts with Park users.
- I. **Pesticides may not be used within 100 feet of any playground area or any creeks at ALL sites.**

J. Pesticide Free Sites- No pesticides of any kind shall be used on designated Pesticide Free Sites. Pesticide Free sites are listed below:

Pesticide Free Parks

- 1) Bol Park
- 2) Boulware Park
- 3) El Palo Alto Park
- 4) Flood Basin (excludes aquatic portions, no fertilizers used on turf as well)
- 5) Hopkins Creek Side Parquets
- 6) Monroe Park
- 7) Sarah Wallis Park
- 8) Scott Park
- 9) Terman Park
- 10) Ventura Park

Pesticide Free City Facilities

- 1) Adobe Creek Substations
- 2) Animal Services (this includes no fertilizers on turf areas)
- 3) Children's Theater
- 4) Hale Well Substations
- 5) Matadero Well Station
- 6) Water Quality Control Plant
- 7) San Francisquito Creek Pump Station (excludes aquatic portions)

**MSC is not a pesticide free site, BUT pesticide use is restricted around gutters and near creeks.**

K. Temporary notice shall be posted during and after a standard park (excludes Pesticide-free Parks) site has been sprayed. All areas sprayed shall be flagged and signed until the chemical has completely dried according to product label and/or MSDS. Signs shall be provided by City.

L. Contractor shall control gophers, moles and other rodents causing damage to City Property under the site area of responsibility using trapping only. Rodenticide shall not be used. In the event of visible evidence of such pests, contractor will restore the area to its proper condition if the damage is current and prevention is within the contractor's control.

M. Contractor shall replace any plant material that has suffered severely

due to lack of proper pest management techniques and/or overspray of chemical (pesticides, herbicides, etc), if such pest control is possible and practicable

N. All treated areas must be monitored during and after pesticide application until material has settled and treatment area is completely dry accordingly to product label and MSDS. No unprotected person, pet, or wildlife may enter a treated area until all re-entry intervals have been satisfied.

O. Weeding

All areas, including but not limited to: shrub beds, flower beds, groundcover beds, tree wells, paved areas, sidewalks, cracks, stairways, pavers, expansion joints, decomposed granite paths, picnic areas, playgrounds, under bleachers/benches, must be kept weed free at all times. Weeds shall be removed whenever the appearance becomes unsightly or when requested to do so by City's Field Service Inspectors and/or Project Manager.

P. Fertilization

Fertilize all shrub, ground cover, and planter bed areas three times a year with an **OMRI certified granular organic fertilizer**. Fertilize trees as requested by City's Field Service Inspectors and/or Project Manager or City's Public Works Tree's Department, not to exceed twice per year with organic fertilizer specified for Tree's. Fertilizer shall be applied in the spring, summer and in the fall.

Q. Replacement of Material

Remove dead and damaged plants and replace with material of equivalent size, condition and variety, subject to approval and purchase owner's representative. Labor shall be provided by the Contractor in a timely manner. Plant material shall be provided by the City's Open Space, Parks and Golf Division unless damaged is caused by Contractor's negligence (i.e. chemical damage, mechanical damage, water stress.)

Damage not resulting from Contractor's negligence, such as vandalism, vehicle, or weather shall be reported promptly to the City's Field Service Inspectors and/or Project Manager. The City will provide all necessary materials. Labor shall be provided by the Contractor in a timely manner.

Contractor shall inspect all sites prior to the contract and contact Field Service Inspectors and/or Project Manager with any concerns in regards to the condition of plant material.

R. Nurturing Soil Health:

the public, the Contractor's employees, agents, representatives, contractor and subcontractors as well as by any other entity present or occurring in at the Golf Course or the Site, including a complete written report thereof to the GSM within twenty-four (24) hours following the occurrence of such event.

## **1.2 PROTECTION OF PROPERTY**

### **1.2.1 During Periods of Inclement Weather:**

The Contractor will provide supervisory inspection of the Golf Course during regular hours to prevent or minimize possible damage. The Contractor shall submit a report identifying any storm damage to the GSM, which shall be attached to a site map that identifies the location of damage. The Contractor's employees shall continue to perform the Services that are or will not be affected by such inclement weather (e.g., clean-up and facility maintenance, as well as work caused by the inclement weather).

1.2.2 The Contractor shall exercise due care during the performance of the Services in protecting from damage all existing facilities, structures and utilities, including both aboveground and underground City property. Any damage to the City's property that is determined to be caused by the Contractor's act or omission shall be corrected and paid for by the Contractor, upon request, at no cost to the City.

1.2.3 If the City requests or directs the Contractor to perform Services work in a specified area, then the Contractor shall be responsible for verifying and locating (and marking by USA) any underground utility systems and for taking reasonable precautions whenever its employees are or will be working in these areas. Any damage or problems shall be reported immediately to the GSM.

## **1.3 INTEGRATED PEST MANAGEMENT.**

1.3.1 The Contractor shall satisfy and otherwise comply with the following IPM provisions:

- a. The Contractor must work closely with the GSM and the City's IPM Coordinator (the "IPMC") to achieve annual IPM goals which strive to reduce the amount and toxicity of pesticides that are used while maintaining the health and aesthetics of the Golf Course. The Contractor must attend annually City IPM meeting, coordinate with the IPMC on annual goals, and meet quarterly to track progress on annual goals and troubleshoot IPM problems and respond to public requests.
- b. Within thirty (30) days of the Effective Date and annually on the anniversary date (November 1<sup>st</sup> or as otherwise specified) of this

Agreement, the Contractor shall submit to the GSM and the IPMC, an Integrated Management Plan (the "Plan") that complies with the City's IPM Policy. The Plan shall be reviewed annually for currency updates and modifications. Frequent and thorough site inspections on foot will be needed to ensure no major fungal or insect infestations shall occur.

- c. Fungicides, insecticides and herbicides will be approved prior to use by the GSM with IPMC consultation. New pesticides may not be used without the GSM's prior written authorization. Pesticides will be selected in accordance with the City's goal to minimize the use of ecotoxic "Tier 1" pesticides and the total amount of pesticides (active ingredient) as defined in the City's annual pest report.
- d. The Contractor must maintain any pre-existing IPM strategies used at the Golf Course, unless it is otherwise determined by the GSA in consultation with the IPMC.
- e. The Contractor acknowledges that the City believes and is informed that the reduction in use of Tier 1 fungicides at the Golf Course has been a key component of the reduction of pesticide toxicity at the Golf Course. Whenever the use of fungicides is deemed necessary by the Contractor, Tier 2 fungicide use shall be maximized prior to the Contractor's use of Tier 1 fungicides. If Tier 1 fungicides must be used, then Tier 1 fungicides that are not ecotoxic (a subset of Tier 1 pesticides) must be used first. Attachment 3 contains a list of current fungicides that are used, which includes the preferred Tier 2 products. The City's Environmental Compliance Program will provide technical assistance in determining product toxicity and Tier rankings.
- f. The City reserves the right to disallow and otherwise prohibit the Contractor from using any pest control measure that the City determines may jeopardize the public health, safety and welfare at the Golf Course or threaten the environment or which conflicts with the intention of the City's IPM policy.
- g. Rodent control will be performed by trapping. Baiting or fumigant use is prohibited unless authorized by the GSM in consultation with the IPMC. Trapping will be performed using devices that are preapproved by GSM using humane trapping procedures in order to minimize stress or animal discomfort.
- h. For insect or other invertebrate control in, on or about the Golf Course, Golf Course buildings and other structures, the Contractor's first priority will be to address conditions that are conducive to insect pests' infestation and conserve naturally

beneficial insects (or other invertebrates). Selective applications of the least-toxic pesticides may be used only when non-chemical control measures have been exhausted. The following products shall not be used for insect control:

- i. Products labeled with the signal word "danger"
- ii. Organophosphate products (e.g., diazinon or chlopyrifos)
- iii. Carbamate products (e.g., carbaryl)
- iv. Pyrethroid-containing products

Biological controls will be based upon sound information such as that provided by the University of California. The CSD staff will provide site-specific historical data for known infestations.

- i. The Contractor must provide regular pesticide reporting information in electronic format using the City's Contractor's Pesticide Application Form (Attachment 2) and to be emailed to the GSM and the IPMC by the 15<sup>th</sup> day of each month for the previous month's work, unless it is otherwise agreed to and approved by the IPMC. The Contractor must also have internet access and the ability to enter pesticide use information online if the City provides that reporting mechanism.
- j. For the City's Annual Pest Management and IPM Report, the Contractor must also provide information confirming appropriate training of staff, an annual inventory of hazardous materials and hazardous wastes to ensure expired or prohibited products are appropriately disposed and a written summary of the challenges and successes of IPM program efforts annually. The brief report format (Attachment 2) shall be provided by the City, and shall be due to the IPMC by December 31 of each year.
- k. In accordance with the City's shared Municipal Regional Storm water permit, IPM training must be provided to the Contractor's staff at a minimum of once every three (3) years, or at a minimum of one time during the Term, as shall be established by the GSM.
- l. Requests for information from the GSM or IPMC must be responded to within 48 hours.

All materials used shall be in strict accordance with and applied within the standards set forth in the EPA regulations and the California Food and Agricultural Code.

The Contractor is responsible for obtaining all required permits and maintaining the required usage documentation and to comply with all requests from the Santa Clara County Agricultural Department to inspect records, licenses, training

certificates, equipment and storage facilities. All applicable regulations shall be strictly adhered to, and all required reporting shall be the responsibility of the Contractor.

- 1.3.2 Pesticide Application Timing: Pesticides shall be applied at times that limit the possibility of contamination from weather, irrigation or other factors. Early morning or evening application shall be used when possible to avoid contamination from drift. If applicable, drift control skirted booms must be used when golfers are present if applicable. Small backpack applications may be performed based on weather protection and with provisions made for the safety of golfers. The applicator shall monitor and forecast weather conditions to avoid making application prior to the occurrence of inclement weather in order to eliminate the potential for the runoff of treated areas. Irrigation water applied after treatment shall be reduced to eliminate runoff. Whenever water shall be required to increase pesticide efficiency, it shall be applied only in quantities specified on the label requirements and of which each area is capable of receiving without excessive runoff.
- 1.3.3 Handling of Pesticides: Care shall be taken in transferring and mixing pesticides to prevent contaminating areas outside the target area. Application methods shall be used which ensure that materials are confined to the target area. Spray tanks containing leftover materials shall not be drained on or about the Site to prevent contamination. Disposal of pesticides and tank-rinsing materials shall be handled in accordance with the guidelines established in the California Department of Food and Agricultural Code and/or EPA regulations, whichever imposes the higher duty of care on the Contractor.
- 1.3.4 Equipment and Methods: Spray equipment shall be in good operating condition, quality, and design to efficiently apply material to the target area. The Contractor shall avoid the use of high pressure applications, but it will be permitted to use water soluble drift agents that will minimize drift.
- 1.3.5 Recommendations: All pesticide applications shall be made in accordance with written recommendations provided by a licensed Pest Control Advisor (PCA); a copy of each written recommendation of the PCA will send to the GSM. A licensed Qualified Applicator (who possesses a Qualified Applicator Certificate) shall be kept at the Site during application.
- 1.3.6 Selection of Materials: Pesticides shall be selected from those approved for golf course use by California Department of Food and Agriculture and in compliance with Section 1.3, which lists the prohibited pesticides.

#### **1.4 SOUND CONTROL REQUIREMENTS**

- 1.4.1 The Contractor shall comply with all local sound control and noise level rules, regulations and ordinances, which apply to any work performed