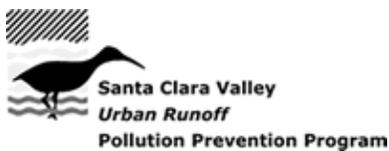


City of Sunnyvale

Stormwater Management

Annual Report 2012-2013



Cover Pictures

At top:

- 1) Environmental Services staff cleaning out a catch basin
- 2) Great American Litter Pickup, volunteers hard at work

At bottom:

- 1) Storm drain outfall inspection
- 2) Earth Care Kidz Program, Enviroscape demonstration



September 15, 2013

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 Sunnyvale
FY 2012-2013 Annual Report for the Stormwater Permit

Dear Mr. Wolfe,

This letter and Annual Report with attachments is submitted by the City of Sunnyvale 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 2012-2013 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 Elaine Marshall at (408) 730-7720 regarding any questions or concerns.

Sincerely,

John E. Stufflebean
Duly Authorized Representative
Director, Environmental Services Department

ADDRESS ALL MAIL TO: P.O. BOX 3707 SUNNYVALE, CALIFORNIA 94088-3707
TDD (408) 730-7501

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Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Sunnyvale				
Population:	145,973				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2009-0074				
Reporting Time Period (month/year):	July 2012 through June 2013				
Name of the Responsible Authority:	John E. Stufflebean			Title:	Director, Environmental Services Department
Mailing Address:	P.O. Box 3707				
City:	Sunnyvale	Zip Code:	94088-3707	County:	Santa Clara
Telephone Number:	(408) 730-7954	Fax Number:	(408) 736-1611		
E-mail Address:	jstufflebean@sunnyvale.ca.gov				
Name of the Designated Stormwater Management Program Contact (if different from above):	Elaine Marshall			Title:	Environmental Programs Manager
Department:	Environmental Services				
Mailing Address:	P.O. Box 3707				
City:	Sunnyvale	Zip Code:	94088-3707	County:	Santa Clara
Telephone Number:	(408) 730-7720	Fax Number:	(4108) 747-1139		
E-mail Address:	emarshall@sunnyvale.ca.gov				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

- City staff continued to implement Best Management Practices and Standard Operating Procedures to comply with the requirements of C.2.a., C.2.b. and C.2.c.
- The City's Wastewater Collection staff continued to inspect at Pump Stations twice per year after measurable precipitation during the year in compliance with C.2.d. Due to staffing transition, dry weather monitoring was not performed in FY 12-13. Results for the previous and subsequent year did not exceed the permit trigger for corrective actions.
- Provision C.2.e. does not apply, as the City does not own or maintain roads that meet the definition of "Rural Roads" within its jurisdiction.
- Corp Yard inspections were performed on July 26, 2012, and March 20, 2013. Five (5) storm drain inlets (SDIs) were inspected for debris and cleaned prior to the rainy season.
- The City is assessing the operational feasibility of structural containment to reduce runoff from the outdoor storage areas at its Corporation Yard. A limited amount of funding has been secured and staff is working to identify an appropriate solution that would protect stormwater and minimize impacts on corporation yard operations. The City has taken steps to better protect the storm system in the meantime with filter inserts, a reorganization of the materials in the bins, the use of temporary berms to redirect flows, and more frequent cleaning of the filters and the surrounding pavement area. ESD has taken the lead on coordination of efforts with Street Operations and Parks, Golf and Street Trees work groups in Public Works to keep the bin area in good order and minimize the risks of pollutants entering the runoff stream.
- Three staff attended SCVURPPP Municipal Maintenance Stormwater Workshop Training on May 7, 2013. The City's Wastewater Operations Manager presented one of the case studies at the workshop focused on operations and maintenance of full trash capture devices and catch basin cleaning.

Descriptions of activities implemented at the countywide or regional level related to Reporting Municipal Operations is included within the C.2 section of SCVURPPP's FY 2012-2013 Annual Report.

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.

X	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
X	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.
X	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments:

City staff from the Department of Public Works and the Environmental Services Department receives training on appropriate BMPs to address stormwater impacts from street and road repair and maintenance activities at least once per year as part of bi-monthly safety tailgate meetings. In addition, SWPPPs are included in all capital projects and in-house pavement maintenance work.

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.

X	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
X	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

- When special events permit applications are received for approval, staff identifies any operations that would require cleanup operations of paved areas. In those instances, applicants are required to use a BASMAA Certified Mobile Surface Cleaner. Staff supplies the list that is available on the BASMAA website to its customers. Parks staff then follows-up to ensure proper BMPs were used during the cleanup.
- Parks/Boulevard landscaping staff uses a "Tennant Scrubber" machine to clean sidewalks in the downtown business area. This machine collects wash water so that it can be discharged to the sanitary sewer.
- If a steam cleaner is needed on rare occasions for problem areas, staff follow BASMAA guidelines/BMPs for cleanup operations.

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.	
X	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
X	Control of discharges from graffiti removal activities
X	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
X	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
X	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
N/A	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
Comments: <ul style="list-style-type: none"> – Any graffiti removal operations conducted by City staff are done using BASMAA Guidelines/BMPs, eliminating any cleaning water from the storm drains. – Employees in the Department of Public Works that are responsible for graffiti removal receive annual training on proper best management practices for removal methods. – Proper disposal of wastes from graffiti removal activities occurred. Waste generated from structural maintenance such as the cleaning of pedestrian over-crossings was properly disposed of and protected from entering the storm drain system. 	

C.2.d. ► Stormwater Pump Stations					
Does your municipality own stormwater pump stations:		X	Yes		No
If your answer is No then skip to C.2.e.					
Complete the following table for dry weather DO monitoring and inspection data for pump stations ¹ (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 Dry Weather DO Data		Second inspection Dry Weather DO Data		
	Date	mg/L	Date	mg/L	
Pump Station #1 – Carl Road	07/18/2013	6.0	07/25/2013	6.0	

¹ 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 2012-2013 Annual Report
Permittee Name: City of Sunnyvale

C.2 – Municipal Operations

Pump Station #2 – Baylands Park	07/18/2013	8.0	07/25/2013	5.0		
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						
<p>Summary:</p> <p>Due to staffing transitions, dry weather monitoring was not completed during FY 2012-2013. Monitoring results for the previous two years and subsequent year showed DO levels above 3.0 mg/L. Two measurements were taken at each of the Pump Stations in July 2013. On July 18, 2013, measurements for Pump Station #1 and Pump Station #2 were 6.0 ppm mg/L and 8.0 ppm mg/L, respectively. On July 25, 2013, measurements for Pump Station #1 and Pump Station #2 were 6.0 ppm mg/L and 5.0 ppm mg/L, respectively. The dry-weather monitoring has been added to staff's annual Standard Operating calendars to ensure routine monitoring going forward.</p> <p>Attachments: None</p>						
Complete the following table for wet weather inspection data for pump stations						
Pump Station Name and Location	Date (2x/year required)	Presence of Trash (Cubic Yards)	Presence of Odor (Yes or No)	Presence of Color (Yes or No)	Presence of Turbidity (Yes or No)	Presence of Floating Hydrocarbons (Yes or No)
Pump Station #1- Carl Road	12/03/12	0.04	No	No	Yes – Low	Yes – Low
Pump Station #1- Carl Road	12/26/12	0.07	No	No	Yes – Low	Yes – Low
Pump Station #1- Carl Road	04/08/13	0.04	No	No	Yes – Low	Yes – Low
Pump Station #2 – Baylands Park	12/03/12	0.06	No	No	Yes – Low	No
Pump Station #2 – Baylands Park	12/26/12	0.04	No	No	Yes – Low	Yes – Low
Pump Station #2 – Baylands Park	04/08/13	0.07	No	No	Yes – Low	Yes – Low
City staff conducted cleanups and inspections of both City Stormwater Pump Stations after significant rainfall periods during the reporting year. The most significant rain event occurring during this fiscal year was on 12/23/12.						

C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural ² roads:		<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If your answer is No then skip to C.2.f.			
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.			
<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas		
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources		
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts		
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality		
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion		
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate		
<input type="checkbox"/>	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: Provision C.2.E does not apply to the City, as it does not own or maintain roads that meet the definition of "Rural Roads" within its jurisdiction.			

² 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.

C.2.f. ► Corporation Yard BMP Implementation			
Place an X 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 Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)		
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA 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 type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments: The City is assessing the operational feasibility of structural containment to reduce runoff from the outdoor storage areas. A limited amount of funding has been secured and staff is working to identify an appropriate solution that would protect stormwater and minimize impacts on corporation yard operations. The City has taken steps to better protect the storm system in the meantime with filter inserts, a reorganization of the materials in the bins, the use of temporary berms to redirect flows, and more frequent cleaning of the filters and the surrounding pavement area. ESD has taken the lead on coordination of efforts with Street Operations and Parks, Golf and Street Trees work groups in Public Works to keep the bin area in good order and minimize the risks of pollutants entering the runoff stream.			
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 (1x/year min. required)	Inspection Findings/Results	Follow-up Actions
City of Sunnyvale Corporation Yard	7/26/2012	Inspected by ESD Compliance Inspection. Potential discharges identified on 7/26/12 from outdoor material storage areas (discussed above). Warning notice was issued requiring protection and clean out of a storm drain	The storm drain inlet and silt sack were cleaned and staff were trained on proper housekeeping and practices.

		inlet and evaluation of long term material storage area structural BMPs.	Outdoor storage of materials remains a potential stormwater threat; however BMPs are being implemented to reduce potential pending long term solutions.
City of Sunnyvale Corporation Yard	3/20/2013	Potential discharges identified on 3/20/13 from outdoor equipment storage/maintenance areas. A warning notice was issued requiring housekeeping and equipment storage cover for the area identified.	Equipment storage issue was resolved by covering with a tarp and implementation of daily cleaning practices.

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 12-13 Annual Report includes a description of program and regional activities.

C.3.b.v.(2)(c) ► Summary of Green Street Projects Completed by January 1, 2013

(For FY 12-13 Annual Report only) Provide a summary of all green street projects completed by January 1, 2013.

Summary:
BASMAA has prepared a regional summary of all green street pilot projects. The Green Street Pilot Project Summary Report is being submitted by BASMAA, on behalf of the MRP permittees, in BASMAA's MRP FY 12-13 Regional Supplement – New Development and Redevelopment. The Green Streets Pilot Project Summary Report contains all of the required elements listed in Provision C.3.b.v.(2)(c) for all green street projects completed by January 1, 2013, as well as information on projects not yet completed.

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.
– Refer to attached C.3.b.v.(1) Reporting Table.

C.3.e.v. ► Alternative or In-Lieu Compliance with Provision C.3.c.			
<i>(For FY 11-12 Annual Report and each Annual Report thereafter)</i> Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?		Yes	No
X			
Comments (optional): The City reserves Alternative Compliance under Provision C.3.e. as an option under Sunnyvale Municipal Code section 12.60.300; however there have been no projects where the option has been implemented. All regulated, non-special projects have chosen to implement 100% LID treatment onsite.			

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, 2013 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.	X	Yes	No
If you answered "Yes" to either question, 1) Complete Table C.3.e.vi . below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project			
► Special Projects Reporting Narrative – Projects listed in Table C.3.e.vi. below: 2012-7450, St. Anton Partners, 1101 N. Fair Oaks The project proposes 97 units located on a 2.5 acres site. The proposed structure will include at grade parking located under the building and a residential structure above up to 4 stories. The proposed project meets the Special Projects Criteria of Category "C" due to siting next to VTA Light Rail and density. Based on the criteria, the project may include up to a 60% LID reduction. The proposed units require 167 parking spaces, which include parking under the proposed structure and at grade parking. The remaining landscape areas are proposed to be used for bio-filtration since the soils are poor with a Ksat rating of "D". The available open space areas cannot accommodate all the resulting runoff and thus a small amount of runoff (25%) will be treated with media filters and tree planting. The project applicant has been able to accommodate 75% of the stormwater through LID. 2012-7460, Prometheus, 388 E. Evelyn Ave. & The project site is located in the Downtown Specific Plan area of the City and the area is a designated Priority Development Area by MTC. The project proposes to build to the property lines with 64 residential units and underground parking. The project includes a 90% LID reduction based on the Special Project's criteria of category C, due to location, density, and no surface parking. The project will include site drainage to two watershed areas which catches runoff from the front side of the building and uses the front setback area for bio-treatment for approximately 10% of the runoff due to poor soils and foundation issues. The remaining 90% of runoff is treated with a media filter treatment system. 2013-7313, Prometheus, 457 E. Evelyn Ave. The original project under 2012-7462 for 151 units on the site was denied by the City Council and the applicant reduced the unit count down to 117, which was taken in under the new permit number noted above. The project site is located in the Downtown Specific Plan area of the City and the area is a designated Priority Development Area by MTC. The proposed project is proposed to build to the property lines with underground parking. The project includes a 90% LID reduction based on the Special Project's criteria of category C, due to location, density, and no surface parking. The project is still in plan development, but the initial proposals include site drainage to two watershed areas for the site. The first catches runoff from the front side of the building and uses the front setback area for bio-treatment area for approximately 10% of the runoff due to poor soils and foundation issues. The remaining 90% of runoff is treated with a media filter treatment system.			

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting
<p>(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information. Refer to attached table C.3.h.iv(1)</p>
<p>(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.</p> <p>Summary: All Post Construction Operation and Maintenance Verification Inspections are conducted by Environmental Compliance Inspectors, within the Environmental Services Department. Inspection findings indicate an improvement of a common problem identified in previous years. Operators of installed vault based treatment systems are now retaining maintenance documentation onsite. Initial inspections are typically more educational to ensure that the facility operator is aware of the requirements, and to establish the required maintenance program including documented inspections and clean out. Routine inspections for facilities that had been previously inspected had enforcement taken for lack of maintenance documentation, and in most cases the documentation was provided within a reasonable timeframe.</p>
<p>(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).</p> <p>Summary: The prioritized inspection plan for routine inspection has not changed, and is as follows:</p> <ul style="list-style-type: none"> – Building Division inspectors performed inspections of newly installed stormwater treatment systems and HM controls within 45 days of installation to ensure approved plans have been followed, effective December 1, 2010. – Environmental Compliance Inspectors performed Operation and Maintenance Verification Inspections of installed stormwater treatment systems and HM controls. Each fiscal year, the City inspects at least 20% of the total number (at the end of the preceding fiscal year) of installed stormwater systems. – Each fiscal year, the City will inspect at least 20% of the total number (at the end of the preceding fiscal year) of installed vault based systems; and – All installed stormwater treatment systems will be inspected at least every 5 years. <p>Of the 45 installed systems (sites), 39 systems include vault-based components. During this fiscal year, the City performed post construction O&M verification inspections for 34 installed systems (75% of installed systems). Of the 39 installed vault-based systems, 32 of them (82%) were inspected during the reporting period. In addition, Building Safety Inspectors performed inspections of six newly installed systems.</p>
<p>(4) During the reporting year, did your agency:</p>

<ul style="list-style-type: none"> 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.
<ul style="list-style-type: none"> Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls?³ 	X	Yes		No		Not applicable. No treatment measures
<ul style="list-style-type: none"> 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:						

³ If there is only 1 treatment measure in the jurisdiction, the agency must inspect it every year.

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 Co-permittees. The City has 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. Community Development places stickers on each set of plans for single family homes and small projects that list the site design measures as options to be incorporated into the project. A copy of the sticker is below:

**Required Storm Water Site Design Measures
for Small Projects and Detached Single-
Family Home Projects -
Effective December 1, 2012
(SMC 12.60.124)**

All projects that create and/or replace >2,500 square feet of impervious surface, and do not require a Storm Water Management Plan, shall install one or more of the following site design measures:

- Direct roof runoff into cisterns or rain barrels for reuse
- Direct roof runoff onto vegetated areas
- Direct runoff from sidewalks, walkways, and/or patios onto vegetated areas
- Direct runoff from driveways and/or uncovered parking lots onto vegetated areas
- Construct sidewalks, walkways, and/or patios with permeable surfaces
- Construct bike lanes, driveways, and/or uncovered parking lots with permeable surfaces.

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

Project Name Project No.	Project Location ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
Private Projects											
2011-7635 (see comment)	550 W El Camino Real @ Mathilda Ave, Sunnyvale, CA 94086	Chick-fil-A, Inc.	1 of 1	New 4,400 ft ² fast food restaurant (Chick-Fil-A) with a drive thru and outdoor seating.	East Channel	0.96	0.96	0	34,675	41,895	34,675
2012-7070, 2012- 7711	505 -599 N Mathilda, 550 Del Rey, 683 W. Maude, 510 N. Pastoria @ Maude Ave, Sunnyvale, CA 94085	JP Napoli Companies, Peter Larko	1 of 1	Rezone of multiple properties to MS-100% FAR and Design Review to allow redevelopment with a 612,072 ft ² R& D campus, consisting of two six-story buildings, one four-story building, and a five-story parking garage. Project modified, per 2012- 7711, to allow for additional floor area for a total of 643,897 and 96% FAR. Modified permit adds an additional parcel and a fifth story to Building.	West Channel	15.4	15.4	0	507,310	546,719	507,310
2012-7260	201 W El Camino Real @ S Francis St, Sunnyvale, CA	First Republic Bank	1 of 1	Architectural changes and new parking lot.	East Channel	0.27	0.27	611	7,839	9,326	8,450

¹⁰ Include cross streets

¹¹ 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".

¹² 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.

¹³ State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

¹⁴ All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹⁵ All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁶ For redevelopment projects, state the pre-project impervious surface area.

¹⁷ 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 Project No.	Project Location ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
	94087										
2012-7304	600 W California Ave @ Mathilda Ave, Sunnyvale, CA 94086	Ware Malcomb, Jim Terry	1 of 1	New 106,617 ft ² office/R&D building within Sunnyvale Business Park resulting in a 47.8% FAR.	West Channel	23	23	18,000	69,500	868,329	886,329
2012-7381	955 Stewart @ De Guine, Sunnyvale, CA 94085	Irvine Company, Kerry Williams	1 of 1	Special Development Permit for 186 unit apartment project and parcel map to merge two parcels together.	Calabazas Creek	8.6	8.6	0	236,509	302,542	236,509
2012-7384	1020 Kifer Rd @ Lawrence Expy, Sunnyvale, CA 94086	Intuitive Surgical, Larry Nissen	1 of 1	Demo and construction of a new 155,000 ft ² industrial building.	Calabazas Creek	7.9	7.9	0	263,270	327,729	263,270
2012-7450	1101 N Fair Oaks Ave @ Tasman, Sunnyvale, CA 94089	St Anton Partners	1 of 1	Special Development Permit for a new 97 residential unit project and rezone to R4 and green building density bonus.	West Channel	2.6	2.6	0	91,131	96,164	91,131
2012-7460	388-394 E Evelyn Ave @ S Bayview, Sunnyvale, CA 94086	Prometheus/ Desmond Nolan (owner)	1 of 1	Application for an SDP and Parcel Map to allow a 67 unit apartment building in DSP/4 zoning district.	East Channel	0.98	0.98	0	35,165	36,724	35,165
2012-7461	538 & 560 S Mathilda @ W Olive, Sunnyvale, CA 94086	Silicon Valley Builders	1 of 1	Special Development Permit to allow a three- story mixed use development with 15 condominiums and 5,517 ft ² of office/retail. (SVB future office). Vesting Tentative Map to create 15 residential condominium lots and one commercial condominium lot.	East Channel	0.44	0.21	2,591	6,400	6,400	8,991

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

Project Name Project No.	Project Location¹⁰, Street Address	Name of Developer	Project Phase No.¹¹	Project Type & Description¹²	Project Watershed¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft²)¹⁴	Total Replaced Impervious Surface Area (ft²)¹⁵	Total Pre- Project Impervious Surface Area¹⁶ (ft²)	Total Post- Project Impervious Surface Area¹⁷ (ft²)
2012-7531	636 W Fremont Ave @ Cordilleras, Sunnyvale, CA 94087	Classic Communities	1 of 1	Redevelopment of church site with 18 single-family homes. Project includes rezoning the north east corner of the site to R- 2/PD.	East Channel	2.3	2.3	0	54,931	58,990	54,931
2012-7625	1165 E Arques Ave @ Lawrence Expy, Sunnyvale, CA 94085	Kenneth Rodrigues & Partners	1 of 1	Use Permit for new fitness center.	Calabazas Creek	3.3	3.3	98,330	25,755	25,755	124,085
2012-7879	470 Persian Dr @ Hwy 237, Sunnyvale, CA 94089	Padus Group/Tom Qualiga	1 of 1	Redevelop industrial site with 47 residential condominium units.	East Channel	1.8	1.8	0	56,628	76,049	56,628
2012-7895	696 W El Camino Real @ Hollenbeck, Sunnyvale, CA 94087	Steve Askari	1 of 1	New one-story commercial building with 9,836 ft ² (replacing Bubbles Car Wash Site).	West Channel	0.7	0.7	2,542	22,123	23,495	24,665
2013-7013	150 Lawrence Station Road @ Kifer, Sunnyvale, CA 94086	Costco Wholesale C/O Barghausen	1 of 1	Use Permit for the expansion of an existing fuel facility at Costco.	Calabazas Creek	1.98	1.98	6,759	69,790	77,595	76,549
2013-7112	620 E. Maude @ N Fair Oaks, Sunnyvale, CA 94085	Charities Housing	2 of 2	Application for 61 Affordable Studio Housing Units General Plan Amendment, Rezone; Special Development Permit.	East Channel	1	1	22,772	7,592	7,592	30,364
2013-7112	620 E. Maude @ N Fair Oaks, Sunnyvale, CA 94085	Mid-peninsula	1 of 2	Application for 60 Affordable Studio Housing Units General Plan Amendment, Rezone; Special Development Permit.	East Channel	1.3	1.3	0	38,510	45,752	38,510
2013-7155	975 Stewart @ De Guine, Sunnyvale, CA 94085	Irvine Company, Kerry Williams	1 of 1	Special Development Permit for 57 unit apartment project and map to merge two	Calabazas Creek	1.9	1.9	0	46,817	64,515	46,817

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

Project Name Project No.	Project Location ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
				parcels together.							

Comments:
Project # 2011-7635 located at 550 W El Camino Real @ S Mathilda should have been reported in last years (FY 11-12) report.

Public Projects

Seven Seas Neighborhood Park PR-11/04-13 (design was completed in FY12-13, construction began in FY 11- 12 with the demolition phase and will continue through 13-14.)	1010- 1024 Morse Avenue, Sunnyvale	City of Sunnyvale	1 of 1	New public park to be constructed on site of former Industrial park.	Sunnyvale East Channel	5.1	5.1	0	81,783	220,000	81,783
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Comments: NA

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
Private Projects										
2011-7635 (See comments)	05/22/12	06/25/12	Storm drain labeling; Beneficial Landscaping; Covered dumpster area, Drain to sanitary sewer; Maintenance; Was area/racks, drain to sanitary sewer.	Cluster structures/pavement; Disconnect down spouts; Micro-detention, Minimize change in runoff hydrograph; Minimize impervious surfaces; Preserve open space; Self-retaining areas.	Storage detention system; Flow through planter; Vegetated swale and trench drain filter.	Conditions of Approval	C.3.d.i(3) Combined Hydraulic Design	No	Yes	Project not located in HMP inclusion area
2012-7070, 2012-7711	10/15/12	11/12/12	Storm drain labeling; Maintenance	Disconnect downspouts; Micro-detention basins	Bio-retention	Conditions of Approval	C.3.d.i(3) Combined Hydraulic Design	No	Yes	Project not located in HMP inclusion area
2012-7260	07/11/12	07/11/12	Storm drain labeling; Beneficial	Alternative driveway design; Disconnect Downspouts; Micro-	Dry Well; Infiltration basin;	Conditions of Approval	C.3.d.i(1)(a) Volume Hydraulic Design	No	Yes	Project not located in HMP inclusion

¹⁸ For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁹ 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.

²⁰ 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.

²¹ 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.

²² 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.).

²³ 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.

²⁴ 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).

²⁵ 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.

²⁶ 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.

²⁷ Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁸ If HM control is not required, state why not.

²⁹ 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 Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
			Landscaping; Covered dumpster area, Drain to sanitary sewer; Maintenance	Detention in landscape; Minimize land disturbance; Minimum-impact street or parking lot design; Minimize impervious areas; Self treating areas	Permeable pavement					area
2012-7304	09/18/12	10/30/12	Storm drain labeling; Beneficial landscaping; maintenance;	Disconnect downspouts; Self treating area; Minimize land disturbance; Minimum impact street or parking lot design	Bio-treatment; Bio-retention	Conditions of Approval	C.3.d.i(1)(a) Volume Hydraulic Design	No	Yes	Project not located in HMP inclusion area
2012-7381	07/12/12	08/13/12	Storm drain labeling; Covered dumpster area, Drain to sanitary sewer; Maintenance; Swimming pool drain to sanitary sewer	Disconnect downspouts; Minimize impervious surfaces; Self-treating area	Infiltration basin/trench; Permeable pavement; Unlined retention basin; Bio- retention	Conditions of Approval	C.3.d.i(3) Combined Hydraulic Design	No	Yes	Project not located in HMP inclusion area
2012-7384	07/19/12	08/20/12	Storm Drain labeling; Beneficial landscaping; Covers, Drains for loading docks, Maintenance bays, Fueling areas; Covered dumpster	Disconnect downspouts; Self retaining area; Self treating area	Bio-retention	Conditions of Approval	C.3.d.i(3) Combined Hydraulic Design	No	Yes	Project not located in HMP inclusion area

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
			area; Maintenance; Outdoor material storage protection							
2012-7450	08/03/12	10/16/12	Storm drain labeling; Beneficial landscaping; Covered dumpster area; Maintenance; Swimming pool drain	Cluster structures/ pavement; Disconnect down spouts; Minimize change in runoff hydrograph; Minimize impervious surfaces	Bio-retention; Water Quality Vault (Special Project)	Conditions of Approval	C.3.d.i(3) Combined Hydraulic Design	No	Yes	Project not located in HMP inclusion area
2012-7460	02/05/13	03/19/13	Beneficial landscaping; Maintenance	Micro-detention in landscape; Minimize change in run off hydrograph	Bio-retention	Conditions of Approval	C.3.d.i(3) Combined Hydraulic Design	No	Pending Building Permit Submittal	Project not located in HMP inclusion area
2012-7461	04/02/13	05/13/13	Beneficial Landscaping; Covered dumpster area, Drain to sanitary sewer; Maintenance; Outdoor material storage protection; Was area/racks, drain to sanitary sewer.	Disconnect downspouts	Infiltration basin/trench	Conditions of Approval	C.3.d.i(2)(c) Flow Hydraulic Design	No	Yes	Project not located in HMP inclusion area

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
2012-7531	10/11/12	12/04/12	Storm drain labeling; Beneficial landscaping; Maintenance	Disconnect downspouts; Minimum impact street or parking lot design; Minimize impervious surfaces	Bio-retention	Conditions of Approval	C.3.d.i(3) Combined Hydraulic Design	No	Yes	Project not located in HMP inclusion area
2012-7625	02/04/13	02/25/13	Storm drain labeling; Beneficial landscaping	Cluster structures / Pavement	Flow through planter	Conditions of Approval	C.3.d.i(3) Combined Hydraulic Design	No	Yes	Project not located in HMP inclusion area
2012-7879	05/07/13	06/10/13	Storm drain labeling; beneficial landscaping	Alternative driveway design; Cluster structures/pavement; Disconnect downspouts; minimize change in runoff hydrograph; Minimize impervious Surfaces; Preserve open space; Self-retaining area; Self-treating area	Permeable pavement; Bio-retention	Conditions of Approval	C.3.d.i(2)(b) Flow Hydraulic Design	No	Yes	Project not located in HMP inclusion area
2012-7895	02/13/13	03/11/13	Beneficial landscaping; Maintenance	Micro-detention in landscape; Minimize change in run off hydrograph	Bio-retention; Planter Box; Flow-Through Planter	Conditions of Approval	C.3.d.i(3) Combined Hydraulic Design	No	Pending Building Permit Submittal	Project not located in HMP inclusion area
2013-7013	03/05/13	03/27/13	Storm drain labeling; covers, drains, for loading docks, maintenance bays, fueling areas	Disconnect downspouts; Minimize change in runoff hydrograph	Flow through planter	Conditions of Approval	C.3.d.i(2)(c) Flow Hydraulic Design	No	Pending Building Permit Submittal	Project not located in HMP inclusion area
2013-7112	03/21/13	04/30/13	Storm drain labeling; Beneficial landscaping; Covered	Cluster structures/pavement; Disconnect downspouts; Micro-detention in	Permeable pavement; Bio-retention	Conditions of Approval	C.3.d.i(1)(a) Volume Hydraulic Design	No	Pending Building Permit Submittal	Project not located in HMP inclusion area

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
			dumpster area, drain to sanitary sewer	landscape; Self- treating area						
2013-7112	03/21/2013	04/30/13	Storm drain labeling; Beneficial landscaping; Covered dumpster area, drain to sanitary sewer	Cluster structures/pavement; Disconnect downspouts; Micro- detention in landscape; Self- treating area	Permeable pavement; Bio-retention	Conditions of Approval	C.3.d.i(1)(a) Volume Hydraulic Design	No	Pending Building Permit Submittal	Project not located in HMP inclusion area
2013-7155	05/01/2013	05/13/13	Storm drain labeling; Beneficial landscaping; Maintenance	Disconnect down spouts; Minimize impervious surfaces micro-detention in landscape; self- treating area	Permeable pavement; Bio-retention	Conditions of Approval	C.3.d.i(3) Combined Hydraulic Design	No	Pending Building Permit Submittal	Project not located in HMP inclusion area
<p>Comments: Project # 2011-7635 located at 550 W El Camino Real @ S Mathilda should have been reported in last years (FY 11-12) report.</p>										

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)

Project Name Project No.	Approval Date ³⁰	Date Construction Scheduled to Begin	Source Control Measures ³¹	Site Design Measures ³²	Treatment Systems Approved ³³	Operation & Maintenance Responsibility Mechanism ³⁴	Hydraulic Sizing Criteria ³⁵	Alternative Compliance Measures ^{36/37}	Alternative Certification ³⁸	HM Controls ^{39/40}
Public Projects										
Seven Seas Neighborhood Park PR-11/04-13	06/18/2013	Began 12/15/11 with demolition phase	Storm drain stenciling	Micro- detention in landscape; Minimize impervious surface; Self- retaining area; Self- treating area	Bio-retention	City-owned. Public Works Parks Division will maintain for the life of the project	C.3.d.i(1)(a) Volume Hydraulic Design	No	Yes- Completed by HMM, Inc. of San Jose, CA	Project not located in HMP inclusion area
Comments: NA										

³⁰ For public projects, enter the plans and specifications approval date.

³¹ 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.

³² 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.

³³ 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.).

³⁴ 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.

³⁵ 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).

³⁶ 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.

³⁷ 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.

³⁸ Note whether a third party was used to certify the project design complies with Provision C.3.d.

³⁹ If HM control is not required, state why not.

⁴⁰ 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.

“Yes*” in the “Newly Installed?” column indicates facilities that are being reported and inspected for the first time, which had treatment controls installed prior to December 1, 2010 and therefore did not receive 45-day inspections.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ^{41*}	Party Responsible ⁴² For Maintenance	Date of Inspection	Type of Inspection ⁴³	Type of Treatment/HM Control(s) Inspected ⁴⁴	Inspection Findings or Results ⁴⁵	Enforcement Action Taken ⁴⁶	Comments/Follow-up
Crazy Buffet	830 East El Camino Real, Sunnyvale, CA 94087	No	Crazy Buffet owner	08/23/12	Routine	Onsite Vortex Separator and vegetated swales	Immediate maintenance needed	Warning Notice	Maintenance documentation required for one Vortex unit. Warning Notice required Crazy Buffet to provide maintenance records and replant vegetated swales.
Crazy Buffet	830 East El Camino Real, Sunnyvale, CA 94087	No	Crazy Buffet owner	09/10/12	Follow-up	Onsite Vortex Separator and vegetated swales	Immediate maintenance needed	Notice of Violation	Enforcement escalated due to non-response.
Crazy Buffet	830 East El Camino Real, Sunnyvale, CA 94087	No	Crazy Buffet owner	10/09/12	Follow-up	Onsite Vortex Separator and vegetated swales	Immediate maintenance needed	None	Maintenance has been contracted and scheduled.
Crazy Buffet	830 East El Camino Real, Sunnyvale, CA 94087	No	Crazy Buffet owner	10/25/12	Follow-up	Onsite Vortex Separator and vegetated swales	Proper O&M of Vortex Unit, vegetated swales need replanting.	Verbal Notice	Maintenance documentation provided for one Vortex unit, swales still need replanted.
Crazy Buffet	830 East El Camino Real, Sunnyvale, CA 94087	No	Crazy Buffet owner	11/29/12	Follow-up	Onsite Vortex Separator and vegetated swales	Proper O&M	None	Swales replanted and violations are abated.
Safeway	108-170 East El	No	Property Owner	10/02/12	Routine	Onsite 3 Media filter	Proper O&M	None	Maintenance

⁴¹ Indicate “YES” if the facility was installed within the reporting period, or “NO” if installed during a previous fiscal year. “Yes*” indicates facilities that are being reported and inspected for the first time, which had treatment controls installed prior to December 1, 2010 and therefore did not receive 45-day inspections.

⁴² State the responsible operator for installed stormwater treatment systems and HM controls.

⁴³ State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

⁴⁴ 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.

⁴⁵ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

⁴⁶ 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.

“Yes*” in the “Newly Installed?” column indicates facilities that are being reported and inspected for the first time, which had treatment controls installed prior to December 1, 2010 and therefore did not receive 45-day inspections.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)^{41*}	Party Responsible⁴² For Maintenance	Date of Inspection	Type of Inspection⁴³	Type of Treatment/HM Control(s) Inspected⁴⁴	Inspection Findings or Results⁴⁵	Enforcement Action Taken⁴⁶	Comments/Follow-up
#2887/Sunnyvale Retail Center	Camino Real, Sunnyvale, CA 94087		Pacific Development Group			units			documentation provided for three media filter units.
Apple, Inc.	975 Benecia Ave, Sunnyvale, CA 94085	Yes*	Property Owner Apple	10/05/12	Routine	Onsite 2 CDS units	Proper O&M	None	Maintenance documentation provided for two CDS units.
Aster Townhomes	1182 Aster Ave, Sunnyvale, CA 94086	Yes*	HOA - Community Management Services	10/17/12	Routine	Onsite 1 Vortex Separator	Proper O&M	None	Maintenance documentation provided for one CDS unit.
Evelyn Glen Townhomes	106 S Wolfe Rd, Sunnyvale, CA 94086	No	HOA – Management Financial Consultants, Inc.	10/25/12	Routine	Onsite 1 CDS unit	Proper O&M	None	Maintenance documentation provided for one CDS unit.
Verizon Wireless MTSO	411 N Pastoria Ave, Sunnyvale, CA 94085	No	Verizon Wireless	12/05/12	Routine	Onsite 1 Vortex Separator, 1 vegetated swale	-Maintenance and documentation needed for Vortex Separator. -Proper O&M of vegetated swale	Verbal Warning	Maintenance documentation required for one Vortex unit. Verbal Warning required Verizon to provide records.
Verizon Wireless MTSO	411 N Pastoria Ave, Sunnyvale, CA 94085	No	Verizon Wireless	01/28/13	Follow-up	Onsite 1 Vortex Separator	Proper O&M	None	Violation abated and maintenance records provided.
615 (605) Tasman Dr	615 Tasman Dr, Sunnyvale, CA 94089	No	Essex Property Trust	01/11/13	Routine	Onsite 1 Media filter	Proper O&M	None	Maintenance documentation provided for one media filter unit.
Lowe's Sunnyvale	811 E Arques Ave, Sunnyvale, CA 94085	No	Lowe's of Sunnyvale	01/18/13	Routine	Onsite 2 Storms Screens & 1 Storm Filter (wet vaults), vegetated buffer strip	Proper O&M	None	Maintenance documentation provided for three wet vaults.

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.

“Yes*” in the “Newly Installed?” column indicates facilities that are being reported and inspected for the first time, which had treatment controls installed prior to December 1, 2010 and therefore did not receive 45-day inspections.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)^{41*}	Party Responsible⁴² For Maintenance	Date of Inspection	Type of Inspection⁴³	Type of Treatment/HM Control(s) Inspected⁴⁴	Inspection Findings or Results⁴⁵	Enforcement Action Taken⁴⁶	Comments/Follow-up
Trellis Development	610 Alberta Ave, Sunnyvale, CA 94087	No	HOA	01/28/13, 02/28/13 and 05/23/13	Routine	Onsite 52 Infiltration trenches	Proper O&M	None	Each home lot contains one infiltration trench for individual homes.
Panda Express (SWMP San Mateo CPP Investors)	790 E El Camino Real, Sunnyvale, CA 94087	No	Property Owner Alvin B. Chan Inc.	02/21/13	Routine	Onsite 1 Vortex Separator	Proper O&M	None	Maintenance documentation provided for one Vortex Separator.
Walgreens(SWMP San Mateo CPP Investors)	780 E El Camino Real, Sunnyvale, CA 94087	No	Property Owner Joe Hayashi	02/21/13	Routine	Onsite 1 Vortex Separator	Proper O&M	None	Maintenance documentation provided for one Vortex Separator.
Britton Place	624 E Evelyn Ave, Sunnyvale, CA 94086	No	HOA - Christison Company	02/22/13	Routine	Onsite 3 CDS units	Maintenance documentation needed for 3 CDS Units	Verbal Warning	Violation abated / maintenance records provided for three CDS units.
Bordeaux Center	1376 and 1380 Bordeaux Dr, Sunnyvale, CA 94089	No	CB Richard Ellis Real Estate	02/26/13	Routine	Onsite 1 CDS unit	Proper O&M	None	Maintenance documentation provided for one CDS unit.
Java Metro Center	111 Java Dr, Sunnyvale, CA 94089	No	Exterra	02/26/13	Routine	Onsite 2 CDS unit, vegetated swales	Proper O&M	None	Maintenance documentation provided for CDS units and swales.
Verona at Sunnyvale	404 Tasman Dr, Sunnyvale, CA 94089	Yes*	HOA – Verona at Sunnyvale	02/26/13	Routine	Onsite 2 CDS units	Proper O&M	None	Maintenance documentation provided for two CDS units.
Best Buy	760 E El Camino Real, Sunnyvale, CA 94087	No	Property Owner Ramco IL, Inc.	02/27/13	Routine	Onsite 1 Vortex Separator	Proper O&M	None	Maintenance documentation provided for one Vortex Separator.

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.

“Yes*” in the “Newly Installed?” column indicates facilities that are being reported and inspected for the first time, which had treatment controls installed prior to December 1, 2010 and therefore did not receive 45-day inspections.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)^{41*}	Party Responsible⁴² For Maintenance	Date of Inspection	Type of Inspection⁴³	Type of Treatment/HM Control(s) Inspected⁴⁴	Inspection Findings or Results⁴⁵	Enforcement Action Taken⁴⁶	Comments/Follow-up
Pet Smart	770 E El Camino Real, Sunnyvale, CA 94087	No	Property Owner Kay Enterprises	02/27/13	Routine	Onsite 1 Vortex Separator	Proper O&M	None	Maintenance documentation provided for one Vortex Separator.
Topaz Terrace	1170 Morse Ave, Sunnyvale, CA 94089	No	HOA - Encinal	02/28/13	Routine	Onsite 1 Vortex Separator	Proper O&M	None	Maintenance documentation provided for one Vortex Separator.
Trinity Park	805 W Fremont Ave, Sunnyvale, CA 94087	No	HOA – Trinity Park, Community Management Services	02/28/13	Routine	Onsite 1 CDS unit	Proper O&M	None	Maintenance documentation provided for one CDS unit.
Lockheed Martin Space Systems	1111 Lockheed Martin Way, Sunnyvale, CA 94089	No	Lockheed Martin Space Systems	03/18/13	Routine	Onsite 1 Retention pond	Proper O&M	None	Maintenance documentation provided for monitoring and inspections of pond.
Classics at Crossman Place	1035 N Fair Oaks Ave, Sunnyvale, CA 94089	No	HOA - Classic Communities Inc.	03/19/13	Routine	Onsite 1 CDS unit	Proper O&M	None	Maintenance documentation provided for one CDS unit.
Danbury Place	488 Tasman Dr, Sunnyvale, CA 94089	No	HOA - Community Management Services	03/19/13	Routine	Onsite 3 CDS units	Proper O&M	None	Maintenance documentation provided for three CDS units.
Parkside Villas	1046 Morse Ave, Sunnyvale, CA 94089	No	HOA – Parkside Villas, The Bridgeport Company	03/20/13	Routine	Onsite 2 CDS units	Proper O&M	None	Maintenance documentation provided for two CDS units.
Classics at Kiel Court	1049 Kiel Ct, Sunnyvale, CA 94089	No	HOA – Community Management Services	03/21/13	Routine	Onsite 1 Vortex Separator	Proper O&M	None	Maintenance documentation provided for one Vortex unit.

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.

“Yes*” in the “Newly Installed?” column indicates facilities that are being reported and inspected for the first time, which had treatment controls installed prior to December 1, 2010 and therefore did not receive 45-day inspections.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)^{41*}	Party Responsible⁴² For Maintenance	Date of Inspection	Type of Inspection⁴³	Type of Treatment/HM Control(s) Inspected⁴⁴	Inspection Findings or Results⁴⁵	Enforcement Action Taken⁴⁶	Comments/Follow-up
Super Space Self Storage	875 E Arques Ave, Sunnyvale, CA 94085	No	Property Owner, Summit Commercial Properties	03/21/13	Routine	Onsite 2 CDS units	Proper O&M	None	Maintenance documentation provided for two CDS units.
Menrock Almanor	525 Almanor Ave, Sunnyvale, CA 94085	No	Menlo Equities Property Management	03/26/13, 03/27/13	Routine	Onsite 3 CDS units, vegetates swales	Proper O&M	None	Maintenance documentation provided for 3 CDS units and swales.
Intuitive Surgical Building 103	1250 Kifer Rd, Sunnyvale, CA 94086	No	Intuitive Surgical	03/27/13	Routine	Onsite 2 CDS units	Proper O&M	None	Maintenance documentation provided for two CDS units.
Fair Oaks Plaza / Sunnyvale Affordable Housing	690680 S Fair Oaks Ave, Sunnyvale, CA 94086	No	Mid-Peninsula Fair Oaks Plaza Property Management	03/28/13	Routine	Onsite 1 CDS unit	Proper O&M	None	Maintenance documentation provided for one CDS unit.
Classics at City Park	545 E Weddell Dr, Sunnyvale, CA 94089	No	HOA – City Park, Christison Company	03/29/13	Routine	Onsite 7 CDS units	Proper O&M	None	Maintenance documentation provided for seven CDS units.
Network Appliance	1275-1395 Crossman Dr, Sunnyvale, CA 94089	Yes*	Network Appliance	03/29/13	Routine	Onsite 5 Vortex Separators	Proper O&M	None	Maintenance documentation provided for five Vortex units.
Cherry Glen Plaza	398 W El Camino Real, Sunnyvale, CA 94087	No	William Jacobson, Cherry Glen Plaza, LLC	04/02/13	Routine	Onsite 1 CDS unit, vegetated swale	Proper O&M	None	Maintenance documentation provided for one CDS unit and swale.
Classics at Las Palmas Park	707-711 Mathilda Ave, Sunnyvale, CA 94087	No	Lilac Management Group, property management	04/02/13	Routine	Onsite 4 CDS units, vegetated swale	Proper O&M	None	Maintenance documentation provided for 4 CDS units and swale.

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.

“Yes*” in the “Newly Installed?” column indicates facilities that are being reported and inspected for the first time, which had treatment controls installed prior to December 1, 2010 and therefore did not receive 45-day inspections.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)^{41*}	Party Responsible⁴² For Maintenance	Date of Inspection	Type of Inspection⁴³	Type of Treatment/HM Control(s) Inspected⁴⁴	Inspection Findings or Results⁴⁵	Enforcement Action Taken⁴⁶	Comments/Follow-up
Classics at Sunnyvale Manor	1462 Yukon Dr, Sunnyvale, CA 94087	No	HOA - Sunnyvale Manor	04/10/13	Routine	Onsite 1 CDS unit	Proper O&M	None	Maintenance documentation provided for one CDS unit.
Aster Place	1156 Aster Ave, Sunnyvale, CA 94086	No	HOA - Professional Association Services, Inc.	04/16/13	Routine	Onsite 1 Vortex Separator	Proper O&M	None	Maintenance documentation provided for one Vortex unit.
Palo Alto Medical Foundation	301 Old San Francisco Rd, Sunnyvale, CA 94086	Yes	Palo Alto Medical Foundation	11/01/12	45 Day	Onsite Media filter system	Proper installation	None	None
Palo Alto Medical Foundation	301 Old San Francisco Rd, Sunnyvale, CA 94086	Yes	Palo Alto Medical Foundation	11/01/12	45 Day	Onsite Media filter system	Proper installation	None	None
Peninsula Communities Residential	391, 397, 407, 417, 427 S Bayview Ave, 412 & 114 Flora Vista Ave, Sunnyvale, CA 94086	Yes	Home Owners Association	12/04/12	45 Day	Onsite Bioretention area and Vegetated swale	Proper installation	None	None
Palo Alto Medical Foundation	301 Old San Francisco Rd, Sunnyvale, CA 94086	Yes	Palo Alto Medical Foundation	03/05/13	45 Day	Onsite Bioretention area and gravel band	Proper installation	None	None
The Estates at Sunnyvale	722, 726, 730, 734, 738, 742, 746, 750 Timberpine Ave, Sunnyvale, CA 94086	Yes	Community Facilities District	05/02/13	45 Day	Onsite Bioretention areas	Proper installation	None	None

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.

“Yes*” in the “Newly Installed?” column indicates facilities that are being reported and inspected for the first time, which had treatment controls installed prior to December 1, 2010 and therefore did not receive 45-day inspections.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)^{41*}	Party Responsible⁴² For Maintenance	Date of Inspection	Type of Inspection⁴³	Type of Treatment/HM Control(s) Inspected⁴⁴	Inspection Findings or Results⁴⁵	Enforcement Action Taken⁴⁶	Comments/Follow-up
TBD Commercial Building	580 N Mary Ave, Sunnyvale, CA 94085	Yes	Property Owner	06/20/13	45 Day	Onsite Vegetated swale	Proper installation	None	None

C.3.e.vi.Special Projects Reporting Table												
Reporting Period – January 1 – June 30, 2013												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴⁷	Status ⁴⁸	Description ⁴⁹	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category ⁵⁰	LID Treatment Reduction Credit Available ⁵¹	List of LID Stormwater Treatment Systems ⁵²	List of Non-LID Stormwater Treatment Systems ⁵³
2012-7450	St. Anton Partners	1101 N Fair Oaks Ave, Sunnyvale, CA 94089	06/06/12	Approved 10/16/13	Special Development Permit for a new 97 residential unit project and rezone to R4 and green building density bonus.	2.5	38.6 du/acre	1.17	Category C: Location: 1/4 Mile Density: 38 d/a Parking: Non-auto related	Category C: Location: 50% Density: 10% Parking: 0%	Bioretention areas 75%	Media Filter 25%
2012-7460	Prometheus	388 E Evelyn Ave, Sunnyvale, CA 94086	06/13/12	Approved 03/19/13	General Plan Amendment, Rezone and Special Development Permit for a new 64 residential unit project.	0.807	65 du/acre	1.9	Category C: Location:1/4 Mile Density: 65 d/a Parking: No surface	Category C: Location: 50% Density: 20% Parking: 20%	Bioretention areas 10%	Media Filter 90%
2013-7313	Prometheus	457 E Evelyn Ave, Sunnyvale, CA 94086	06/13/12	Pending Approval FY 2013-2014	General Plan Amendment, Rezone and Special Development Permit for a new 117 residential unit project.	2.12	50 du/acre	1.9	Category C: Location:1/4 Mile Density: 66 d/a Parking: No surface	Category C: Location: 50% Density: 20% Parking: 20%	Bioretention areas 10%	Media Filter 90%

⁴⁷ Date that a planning application for the Special Project was submitted.

⁴⁸ 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.

⁴⁹ Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁵⁰ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁵¹ 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.

⁵²: 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.

⁵³ 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.

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

Program Highlights
Provide background information, highlights, trends, etc.
<ul style="list-style-type: none"> – The City completed 719 industrial/commercial site inspections during the reporting period and issued a total of 77 enforcement actions including 56 verbal warnings, 18 warning notices, and three notices of violation. The City initially assigned 534 facilities for inspections in FY 2012-2013 and completed 719 inspections at 634 facilities, and included new industrial and commercial facilities. Table C.4.c.iii(1) provides summary information on the City's industrial commercial inspection program including total number of facilities inspected, total number of violations issued (not including verbal warnings), and percent of violations resolved within 10 businesses days (or otherwise timely manner). Inspectors found and documented 9 actual discharge violations and 12 potential discharge violations. The City maintained its rate of 100% for correcting all identified violations within 10 business days or in an otherwise timely manner. – The City received a letter from the Regional Water Quality Control Board in April 2013 stating that their review of the City's Stormwater Enforcement Response Plans and Business Inspection Plan were fully compliant with requirements contained in the Municipal Regional Stormwater Permit. – The City actively participated in SCVURPPP's Industrial and Commercial Ad Hoc Task Group (IND AHTG) on multiple projects. The IND AHTG planned and held a countywide inspector training workshop which included training on Industrial and Commercial Stormwater requirements and inspection techniques. The City actively participated with the IND AHTG to develop the Inspector Training Workshop, which covered industrial/commercial inspection and illicit discharge detection and elimination issues, requirements and techniques. During the Workshop, Sunnyvale staff presented training for inspecting for pollutants of concern and provided case scenarios used for training and discussion. All field inspectors attended the workshop held on April 23, 2013. – One inspector attended the Annual P3S Conference in Napa, CA, February 2013, and attended several stormwater sessions. One inspector attended the CASQA Annual Stormwater Conference in November 2012. – The City will continue to train its staff in FY 2013-2014 and will work with SCVURPPP and BASMAA on pertinent regional inspector training. See the C.4 Industrial and Commercial Site Controls section of the SCVURPPP's FY 2012-2013 Annual Report for a description of the activities of the IND/IDDE AHTG and the BASMAA Municipal Operations Committee.

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.
The Commercial Database maintains the list of facilities in our Inspection Plan. There are a total of 825 facilities subject to commercial/industrial stormwater inspection in the City. The Potential Facilities List is included 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.
 There are 554 facilities scheduled for inspection in FY 2013-2014. The Facilities Scheduled for Inspection list is included as 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	634	
Total number of inspections conducted	719	
Number of violations (excluding verbal warnings)	21	
Sites inspected in violation	20	3.2%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	21	100%

Comments:

- The number of sites inspected in violation is reported as those facilities where an actual or potential violation was observed, and an enforcement action was taken other than a verbal warning.
- There was one site whose violation was not abated within 10 days, which is scheduled to be corrected by September 2013. The facility was found to have cooling tower blowdown water connected and discharging to a storm drain. A Warning Notice was issued on 4/13/2013. The corrective actions require significant capital cost and budgeting for the 13/14 fiscal year. The discharge and chemicals used were reviewed and found to be free from pollutants of concern and therefore the temporary impact is minimal and the timeframe acceptable.

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)	9
Potential discharge and other	12

Comments:
 Discharge streams are counted as one discharge per inspection per site.

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 (as listed in ERP) ⁴⁸	Number of Enforcement Actions Taken	% of Enforcement Actions Taken⁴⁹
Level 1	Verbal Notice or Warning Notice and Distribution of Educational Material - Minor enforcement action needed	56	73%
Level 2	Warning Notice or Notice of Violation – Moderate violation enforcement action	21	27%
Level 3	Notice of Violation with Compliance Meeting – Severe Violation Enforcement Action	0	0
Level 4	Administrative Order/Administrative Penalties issued with City Attorney involvement – Severe Violation	0	0
Total		77	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 Category⁵⁰	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Building Materials	1	0
Building Trades / Yards	0	0
Dry Cleaners	0	0
Facilities subject to the State Industrial General Permit	0	0
Food Service	5	6
Metal and other recycled materials collection facilities; waste transfer facilities	0	0
Nurseries and greenhouses	0	0
Other	2	1
Plastic manufacturers	0	0
Vehicle mechanical repair, maintenance, fueling, or cleaning	1	5

⁴⁸ Agencies to list specific enforcement actions as defined in their ERPs.

⁴⁹ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁰ List your Program's standard business categories.

Vehicle Salvage Yards	0	0
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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:

There were no industries identified as non-filers.

C.4.d.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
SCVURPPP Industrial and Commercial Inspector Stormwater Training	April 23, 2013	<ul style="list-style-type: none"> - Regulatory update - Inspecting pollutants of concern - Record keeping - Case scenarios 	7	100%
Pretreatment, Pollution Prevention and Stormwater Conference – Illegal Dumping Prevention and Enforcement	February 26, 2013	<ul style="list-style-type: none"> - Stormwater inspections - Effects of pollution 	1	14%
Pretreatment, Pollution Prevention and Stormwater Conference – Stormwater General Permits	February 27, 2013	<ul style="list-style-type: none"> - Overview of general permits - Industrial general permit compliance - Pollutant source identification and BMPs 	1	14%
CASQA – Workshops	November 5, 2012	<ul style="list-style-type: none"> - Industrial permit overview - Qualified Industrial Stormwater Practitioner - Program efficiency - Public Outreach - Inspections and enforcement - Program effectiveness 	1	14%
CASQA – Technical Programs	November 6-7, 2012	<ul style="list-style-type: none"> - Clean Water Act - Construction permit - Industrial permit - Program assessment 	1	14%

		<ul style="list-style-type: none">- Modifying public behavior- Enforcement- Source control- Low impact development and sustainable development- Regulations and policy		
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Section 5 – Provision C.5 Illicit Discharge Detection and Elimination

Program Highlights
Provide background information, highlights, trends, etc.
<ul style="list-style-type: none"> – City staff inspected a total of 26 stormwater outfalls as part of the collection system screening program; no illicit discharges were noted. – City staff participated in SCVURPPP's IND/IDDE Ad Hoc Task Group (AHTG). – City staff participated in BASMAA Municipal Operations Committee. – See the C.5 Illicit Discharge Detection and Elimination section of SCVURPPP's FY 2012-2013 Annual Report for a description of activities of the IND/IDDE AHTG and the BASMAA Municipal Operations Committee.

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
City of Sunnyvale Emergency	Illicit Discharge Detection and Elimination Program EMERGENCY	911 or (408) 736-6244
City of Sunnyvale Environmental Services Department	Illicit Discharge Detection and Elimination Program Compliance Inspectors	(408) 730-7270 or (408) 730-7260 Fax (408) 747-1139 (M-F, 7 AM – 4PM)
City of Sunnyvale Public Safety Dispatch	Non-emergency 24 hour number	(408) 730-7181
City of Sunnyvale Environmental Services Department	Wastewater Collections 24-hour number (storm and sanitary sewer)	(408) 730-7510
City of Sunnyvale Wastewater Collections Manager	Cell phone	(408) 334-4965
City of Sunnyvale Superintendent of Field Services	Cell phone	(408) 655-8320
City of Sunnyvale Community Development	Building Safety Inspectors	(408) 730-7444 (M- F, 8 AM – 5 PM)
Office of Emergency Services (OES)	State OES State Warning Center will notify EPA, Fish and Game	1-800-852-7550 or alternate (916) 427-4341
Regional Water Quality Control Board	Spill Hotline number	(510) 622-2369
	Courtesy Call: Sue Ma	(510) 622-2386
Coast Guard	24 hour	(415) 399-3530
Santa Clara County	Household Hazardous Waste Program & Department of Env. Heath	(408) 918-3400

Santa Clara Valley Water District	Maintenance Division – reporting or assistance requests	(408) 265-2607 x2378
City of Santa Clara	Sewer/Water Emergency	(408) 615-5640 or 615-2062

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:

- The City currently addresses mobile businesses by responding to any complaints or observations of illicit discharges on an as-needed basis. In addition, the City has a practice of recommending certified Mobile Surface Cleaners. The City requires the same BMPs as recommended by the BASMAA Mobile Surface Cleaners Program, which reduce the discharge of pollutants from mobile businesses and include minimum standards and BMPs for specific types of mobile businesses. The City utilizes the IDDE Response Plan in conjunction with its Stormwater Enforcement Response Plan to implement consistent enforcement for mobile businesses. The City utilizes a brochure developed with assistance from SCVURPPP, which addresses mobile business types that are not covered through the BASMAA program and includes automobile washing, steam cleaning and carpet cleaning best management practices.
- City staff (i.e., Facilities Management and Parks) is aware of the need to hire certified Mobile Surface Cleaners or to have staff take the training to become certified under the BASMAA programs. Parks staff that operates the Tennant Scrubber to clean downtown business district streets is aware of the BASMAA BMPs and follow them for their sidewalk cleaning activities. See responses to provision C.2.b of this report.
- The City participated in the IND/COM AHTG. For additional information, see the C.5 Illicit Discharge Detection and Elimination section of SCVURPPP's FY 2012-2013 Annual Report for a description of efforts by the 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:

- The City's Collection System Screening program follows the guidance provided by the USEPA/Center for Watershed Protection by conducting inspections of all storm drain inlets on an annual basis and conducting a survey of key outfalls (approximately one screening point per square mile, less open space). The outfalls selected include key major outfalls draining industrial areas.
- Annual outfall inspections are conducted by Compliance Inspection and Wastewater Collections staff during the dry season at a subset of the City's 97 outfalls in the Sunnyvale East, West, and El Camino Channels, and Calabazas and Stevens Creeks. A copy of the outfall inspection results is included in Appendix 5-1 for FY 2012-2013. A total of 26 outfalls were inspected, and no illicit discharges were noted.
- The Wastewater Collections Section inspects and cleans as necessary all storm drain inlets within the City's jurisdiction on an annual basis. Field staff is trained to notify Compliance Inspection staff if they observe an illicit discharge entering the storm drain or if illicit materials are observed during inspection and cleaning activities. These are reported as illicit discharge incidents and follow up occurs per the City's

enforcement response plan.

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))	31	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	12	39%
Discharges resolved in a timely manner (C.5.f.iii.(3))	30	100%

Comments:
 The City tracks all complaints as individual cases. The 31 discharges reported represent the number of complaints received in FY 2012-2013. If a discharge cannot be corroborated in the field, the "discharge type" is identified as "none" in the database and for reporting. The City defines "actual" discharges reaching storm drains and/or receiving waters to include all flows that enter the stormwater conveyance system, (which includes drainage systems, gutters, ditches, etc.) in addition to catch basins, storm drains, and receiving waters. If a discharge is prevented from reaching storm drains / receiving waters, the City tracks these as "potential" discharges. Sunnyvale Municipal Code prohibits potential discharges and enforces potential discharges as violations according to the Enforcement Response Plan. The City's Commercial Database tracks all complaints, findings, enforcement, and reporting requirements.
 Of the 31 discharges reported, one could not be found upon field inspection. Of the remaining 30 discharges reported, 12 actual and 18 potential discharge violations were identified. One actual discharge was identified as an allowable discharge, and 100% were resolved in a timely manner.

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

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

Category Name	Total Number of Complaints
Accidental Spills	1
Allowable Discharge	1
Complaint Not Found	1
Construction Debris	3
Dumpster Discharge	1
Grey Water Discharge	1
Misc. Incident	4
Oil and Grease	1
Paint	2
Pools/Spas/Fountains	5
RV Waste	1

Sanitary Spill	1	
Surface Cleaning	2	
Vehicle and Equipment Leaking	3	
Vehicle Repair	1	
Vehicle Washing	2	
Water Line Breaks	1	

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals		
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (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) (C.6.e.iii.1.c)
Private Projects		
0	30	257
Public Projects		
0	1	9
Comments: For Private Projects, an additional 10 inspections were conducted at 10 sites less than one acre. For Public Projects, an additional 19 inspections were completed for sites less than one acre.		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category (Private Projects)	Number of Violations⁵¹ excluding Verbal Warnings	% of Total Violations⁵²
Erosion Control	8	10%
Run-on and Run-off Control	10	13%
Sediment Control	23	29%
Active Treatment Systems	2	3%
Good Site Management	28	36%
Non Stormwater Management	7	9%
Total⁵³	78	100%
BMP Category (Public Projects)	Number of Violations excluding Verbal Warnings	% of Total Violations
Erosion Control	0	-
Run-on and Run-off Control	0	-
Sediment Control	0	-
Active Treatment Systems	0	-
Good Site Management	0	-
Non Stormwater Management	0	-
Total	0	-

⁵¹ 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.

⁵² Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

⁵³ 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 (Private Projects) (as listed in ERP) ⁵⁴	Number Enforcement Actions Issued	% Enforcement Actions Issued⁵⁵
Level 1 ⁵⁶	Notice of Correction	40	95%
Level 2	Notice of Violation	1	2.5%
Level 3	Stop Work Order	1	2.5%
Level 4	Administrative Actions	0	0%
Total		42	100%
	Enforcement Action (Public Projects) (as listed in ERP)	Number Enforcement Actions Issued	% Enforcement Actions Issued
Level 1	Notice of Correction	0	-
Level 2	Notice of Violation	0	-
Level 3	Stop Work Order	0	-
Level 4	Administrative Actions	0	-
Total		0	-
C.6.e.iii.1.f, g ▶ Illicit Discharges			
Private Projects			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)			2
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)			0
Public Projects			
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)			0

⁵⁴ Agencies should list the specific enforcement actions as defined in their ERPs.

⁵⁵ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁶ For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.1.h, i ► Violation Correction Times		
Private Projects	Number	Percent
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)	42	100% ⁵⁷
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0% ⁵⁸
Total number of violations (excluding verbal warnings) for the reporting year⁵⁹	42	100%
Comments: None		
Public Projects	Number	Percent
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)	0	-
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	-
Total number of violations (excluding verbal warnings) for the reporting year⁶⁰	0	-
Comments: None		

⁵⁷ 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.

⁵⁸ 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.

⁵⁹ 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.

⁶⁰ 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.

C.6.e.iii.(2) ► Evaluation of Inspection Data

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.).

Description:
 The City identified two illicit discharges into storm drains on sites disturbing 1 or more acres, both sites and storm drains were cleaned within 24 hours and before the next rain event (C.6.e.iii.1.f). In one of those instances, a stop work order was issued as part of enforcement. There is only one public project that disturbed more than 1 acre. There were no violations noted.

C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness

Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.

Description:
 For private projects, the City updated its Construction Site Inspection Report forms and inspection data tracking tools to better align the requirements and reporting needs. Upon review of completed inspection report forms, some are not completed correctly in full and require follow up. Additional training will be provided in FY 13-14 to improve inspection tracking. Field performance has improved substantially, with all required wet weather inspections being completed in FY 13-14.
 For the public project, inspections were conducted and noted through the duration of the land disturbing activity; however, there should have been at least one additional inspection following the hydroseeding of the site to note the success of the final stabilization. The City inadvertently neglected to file an NOI for the project. A procedure will be implemented to ensure that this oversight is not repeated going forward. All of the public works inspectors have attended training sessions on SWPPP inspection requirements; however each has indicated that they could benefit from additional training. The City will develop and implement an updated training program to address public project inspector needs in FY 13-14.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
In-House Training	10/10/2012	Stormwater Field Inspection SOPs	6	75%
SCVURPPP Construction Site Stormwater Compliance: Half-Day Training for Municipal Inspectors	3/5/2013	Inspections	2	25%
Project Administration (Public Projects)				
SCVURPPP Construction Site Stormwater Compliance: Half-Day Training for Municipal Inspectors	3/5/2013	SWPPP Construction inspection	1 (plus 2 project managers)	25%

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

C.7.a ▶ Storm Drain Inlet Marking (existing storm drains)

(For FY 12-13 Annual Report only) Report prior years' estimated annual percentages of municipality maintained storm drain inlet markings inspected and maintained as legible with a no dumping message or equivalent. At least 80% of municipality-maintained storm drain inlet markings shall be inspected and maintained at least once per 5-year permit term.

Summary:

Estimated annual percentage of stenciled municipality storm drain inlets that were inspected and maintained as legible:

2009-10: 100 %

2010-11: 100 %

2011-12: 100 %

2012-13: 100 %

All storm drain inlets located on public street are cleaned annually by the City's Wastewater Collection group. Any city owned drain that is found to be unmarked during the annual cleaning is immediately marked.

C.7.a ▶ Storm Drain Inlet Marking (newly-constructed, privately-maintained streets)

(For FY 12-13 Annual Report only) Report prior years' annual number of projects accepted after inlet markings were verified. For newly-approved, privately-maintained streets, permittees shall require inlet marking by the project developer upon construction and maintenance of markings through the development maintenance entity. Markings shall be verified prior to acceptance of the project.

Summary:

Annual number of newly-constructed, privately-maintained streets for which inlets were marked:

2009-10: 1 projects

2010-11: 2 projects

2011-12: 2 projects

2012-13: 5 projects

As part of the plan review, Building Division staff specify on the plans that all storm drain inlets shall be marked with the No Dumping medallions. The Building inspectors verify that all inlets are marked prior to approving the project.

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 City's campaign details for FY 2012-2013 included:

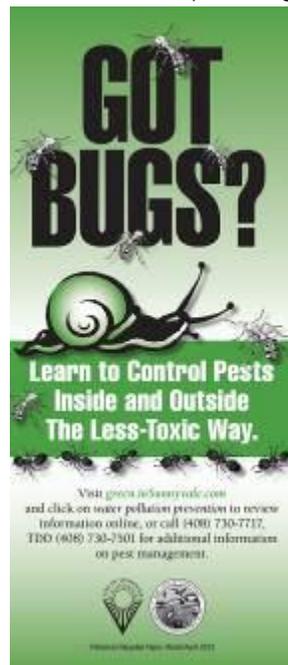
Utility Bill Inserts

Advertising inserts were placed into utility bill inserts and sent to approximately 26,000 account customers for each two-month mailing. Electronic copies of bills are placed on Finances website for reference for approximately 4,000 account customers that opted out of receiving paper bills.

- July/August 2012: Side one of advertising insert was titled: "Keep Mercury Out of the Environment," and focused on proper disposal methods. Side two was titled: "Mercury Products Should Be Handled with Care," and focused on proper disposal and clean-up.
- September/October 2012: Side one of advertising insert was titled: "Leaves/Yard Debris – Storm Drains," and focused on keeping debris out of storm drains. Side two was titled: "Backyard Composting Keeps Chemicals Out of the Bay," and focused on how to have a healthy, pest-free garden and upcoming compost workshops.
- November/December 2012: Side one of advertising insert was titled: "Don't FOG Up the Sewer System this Holiday Season," and focused on proper disposal of fats, oils and grease. Side two was titled: "Holiday Recycling – Made Simple and focused on proper disposal of tress, batteries and cooking oil.
- March/April 2013: Side one of advertig insert was titled: "Got Bugs?," and focused on finding IPM solutions inside and outside one's home. Side two was titled: "Compost Controls Garden Pests," and focused on using compost to reduce the need for water, fertilizers and pesticides, as well as information on upcoming compost classes.



Sept/Oct 2012



Mar/Apr 2013

On-screen viewing at Mercado 20 and Cupertino 16 Theaters

Water pollution prevention advertising for on-screen viewing at the Mercado 20 and Cupertino 16 Theaters.

March 15 – April 4, 2013: Advertisement focused on IPM and reducing pesticide use.

April 12 – May 5, 2013: Advertisement focused on keeping litter out of storm drains and protecting our creeks and bay.

Valley Transportation Authority (VTA) Buses

Water pollution prevention advertisements were placed on the back of a minimum of 50 VTA buses that have routes in the city.

May 20 – June 16, 2013: Advertisement focused on the importance of keeping litter out of storm drains and was titled: "If it flows down the street ... it ends up in the creek."

Sunnyvale Sun

A variety of advertisements and articles were submitted during this fiscal year and published in our local community newspaper, the Sunnyvale Sun. The Sun has a readership of approximately 33,723 and an approximated circulation of 14,988. The advertisements and articles included:

- July 6, 2012: Water Plant Open for Free Tours – information on tours at Sunnyvale's Water Pollution Control Plant (WPCP).
- July 13, 2012: Home Composting Workshops – ad publicizing and inviting individuals to upcoming workshops.
- July 27, 2012: Tour Sunnyvale's Water Pollution Control Plant– ad publicizing and inviting individuals to participate in upcoming tour.
- August 3, 2012: Tour Sunnyvale's Water Pollution Control Plant– ad publicizing and inviting individuals to participate in upcoming tour.
- August 24, 2012: Tour Sunnyvale's Water Pollution Control Plant– ad publicizing and inviting individuals to participate in upcoming tour.
- August 31, 2012: Gardeners Go Green with ACE Class –information on Green Gardener program and upcoming classes, Volunteers Make Clean Sweep of Local Waterways – information on upcoming Coastal Cleanup Day event and Home Composting Workshops - ad publicizing and inviting individuals to upcoming workshops.
- September 7, 2012: Mercury Fever Thermometer Exchange – ad publicizing and inviting individuals to participate in upcoming Mercury Thermometer Exchange event.
- September 14, 2012: Coastal Cleanup Day – ad publicizing and inviting individuals to upcoming event, also listed in calendar section.
- October 5, 2012: Home Composting Workshops – ad publicizing and inviting individuals to upcoming workshops.
- November 2, 2012: Article on Be the Street video contest and how to participate, Home Composting Workshops – ad publicizing and inviting individuals to upcoming workshops.
- November 16, 2012: This Holiday Season, don't FOG up the sewer ...– ad on proper disposal of fats, oils and grease.
- December 21, 2012: This Holiday Season, don't FOG up the sewer ...– ad on proper disposal of fats, oils and grease.
- February 15, 2013: Calendar listing on upcoming WPCP tour.
- February 22, 2013: Calendar listing on upcoming WPCP tour and thermometer exchange/MedDrop event.
- March 1, 2013: Home Composting Workshops – ad publicizing and inviting individuals to upcoming workshops, calendar listing on thermometer exchange/ MedDrop event and Mercury Fever Thermometer Exchange – ad publicizing and inviting individuals to participate in upcoming Mercury Thermometer Exchange event.
- March 8, 2013: Calendar listing on upcoming thermometer exchange/MedDrop event.
- March 22, 2013: Ground Zero – Downtown Street Team focuses on Fair Oaks Park – article on the litter cleanups being done.

- April 5, 2013: Great American Litter Pickup – ad publicizing and inviting individuals to participate in event and Home Composting Workshops – ad publicizing and inviting individuals to upcoming workshops.
- April 12, 2013: Great American Litter Pickup – calendar listing publicizing and inviting individuals to participate in event.
- April 19, 2013: Great American Litter Pickup – calendar listing publicizing and inviting individuals to participate in event and Tour Sunnyvale's Water Pollution Control Plant– calendar listing publicizing and inviting individuals to participate in upcoming tour.
- May 3, 2013: Home Composting Workshops – ad publicizing and inviting individuals to upcoming workshops and Got Bugs? – ad focused on finding IPM solutions inside and outside one's home.
- May 10, 2013: National River Cleanup Day – ad and calendar listing publicizing and inviting individuals to participate in upcoming event.
- May 31, 2013: Home Composting Workshops – ad publicizing and inviting individuals to upcoming workshops and Tour Sunnyvale's Water Pollution Control Plant– ad publicizing and inviting individuals to participate in upcoming tour.
- June 14, 2013: Drain Smart– ad focused on proper draining methods for pools and spas.

The City continues to participate in the Program's Watershed Education and Outreach (WEO) Ad Hoc Task Group and assist with ongoing implementation of the Watershed Education and Outreach Campaign, including campaign development and staff support for special projects. The City's wastewater and stormwater Environmental Outreach Coordinator is the Co-Chair of this Committee. Environmental staff provides evaluation of WEO projects prior to becoming final and supports campaigns for programs at the Alviso Ed Center, ZunZun water education performances at local schools and events and Our Water Our World (OWOW) IPM Store Partnership. In addition, the City participates in the ongoing implementation of the BASMAA Youth Litter Campaign, "Be the Street."

The following separate reports developed by SCVURPPP and BASMAA summarize advertising efforts conducted during FY 2012-2013:

- FY 2012-2013 Watershed Watch Campaign Report
- FY 2012-2013 Watershed Watch Partner Report
- FY 2012-2013 Watershed Watch Web Statistics Report
- FY 2012-2013 BASMAA Be the Street Campaign Report

These reports are included within the C.7 Public Information and Outreach section of Program's FY 2012-2013 Annual Report.

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 2011-2012 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 City's media relation efforts for FY 2012-2013 included:

COMMUNITY OUTREACH

Print: Sunnyvale Quarterly Report

The Quarterly Report is mailed to approximately 60,000 residents and businesses in Sunnyvale every three months. In addition, 2,000 copies are distributed to reception and outreach areas around Sunnyvale and are available for download from the city's web site.

- *Summer 2012* – (Water Conservation) More Dates Added to Popular WPCP Tours: Information and invitation to participate in event, (Stormwater Pollution Prevention/Car Wash/Auto Fluids) Sexy Car Washes Only Happen in the Movies: Article on why it's important to take your car to a car wash or wash it on the lawn or gravel area.
- *Fall 2012* – (Litter/Storm Drain Protection) Join Sunnyvale on World Water Monitoring Day: Article publicizing and inviting individuals to participate in upcoming event, (Stormwater Pollution Prevention - reporting) How to Report Illegal Dumping in Storm Drains: Information on how to report spills and dumping and informing public that the City prohibits the discharge of anything other than rainwater, (Stormwater Pollution Prevention/Litter/Water Conservation) Students Treated to Environmental Impact Education: Article on outreach efforts to youth and what they are thought during classroom presentations, (Water Conservation) Water Efficiency with BAWSCA Workshops: Article publicizing and inviting individuals to participate in upcoming workshops.
- *Winter 2012* – (Stormwater Pollution Prevention/Litter): Environmental Preservation and Protection: Information on how the City is a regional leader in environmental sustainability and the services we provide to the community.

Print: Sunnyvale reNews

The Sunnyvale reNews, is a supplemental insert focused on recycling news that is part of the Quarterly Report.

- *Summer 2012* – (HHW/Mercury, Motor Oil) SMaRT Station Services: Article on how to dispose of household hazardous waste, including mercury and other items, (Yard Waste) Compost Workshops: Information on upcoming workshops, (Mercury) Mercury Fever Thermometer Exchange: Article publicizing and inviting individuals to participate in the upcoming event.
- *Fall 2013* –, (HHW/Mercury, Motor Oil) SMaRT Station Services: Article on how to dispose of household hazardous waste, including mercury and other items, (Yard Waste) Compost Workshops: Information on upcoming workshops.
- *Winter 2013* – (Stormwater Pollution Prevention/Litter): Residents & Businesses Weigh In ... Proposed Foam Food Container Ban: Article on why we are looking at a ban and the impacts of food foam ware, (HHW/Mercury, Motor Oil) SMaRT Station Services: Article on how to dispose of household hazardous waste, including mercury and other items, (Auto Fluids/Mercury) How to Recycle Right! – At Home: Information on how to recycle used motor oil and batteries curbside.
- *Spring 2012* – (HHW/Mercury, Motor Oil) SMaRT Station Services: Article on how to dispose of household hazardous waste, including mercury and other items, (Mercury/Auto Fluids/Yard Waste) SMaRT Station Self-Haul Services: Information on how to dispose of items at the

SMaRT Station, (Auto Fluids/Mercury) How to Recycle Right! – At Home: Information on how to recycle used motor oil and batteries curbside.

Print: Brochure

February/June 2013 (Litter) Staff developed a multi-family owner/manager brochure with litter reduction language which reminds owners to select the right size of garbage bin for service and keep lids shut on bins. Brochures will be used for mandatory recycling program expansion in 2013/14.

Print: Lakewood Neighborhood Association Newsletter

Sunnyvale Neighborhood Association newsletter

- August 2012 – (Litter/Storm Drain Protection, Mercury/Pharmaceuticals, and IPM/Pesticides) Upcoming Events in Sunnyvale: Coastal Cleanup Day, WPCP Tour, Thermometer Exchange/MedDrop and Green Gardener Training: Information and invitation to participate in upcoming events.

Electronic Newsletter: Sustainable Sunnyvale

The Sustainable Sunnyvale is a bi-monthly e-mail subscription newsletter. The newsletter covers a variety of sustainability topics. Approximately 350 individuals currently subscribe to the newsletter.

- August 2012 – (Litter) Coastal Cleanup Day: Information and invitation to participate in event, (Water Conservation) Tour the Water Pollution Control Plant: Information on facility and how to participate in upcoming tour, (IPM) Santa Clara Valley Green Gardener Training: Article on program and upcoming classes being offered, (Litter/Storm Drain Protection) World Water Monitoring Day in Sunnyvale: Article publicizing and inviting individuals to participate in event, (Mercury/Pharmaceuticals) Mercury Fever Thermometer Exchange/MedDop: Information on how to participate in upcoming event.
- October 2012 – (Litter/Storm Drain Protection) World Water Monitoring Day: Article publicizing and inviting individuals to participate in upcoming event.
- December 2012 – (Dioxin/Burning) The Rap on Gift Wrap: Article on why not to burn and alternatives to gift wrapping, (Stormwater Pollution Prevention) Did You Know ... No Dumping Flows to Bay: Article on why it's important and how to prevent stormwater pollution, (Water Conservation) Hold the Date – WPCP Community Tour: Information on upcoming tours.
- February 2013 – (Litter/Storm Drain Protection) Expanded Polystyrene Food Ware –Days Numbered!: Information on why we would like to ban and the impact that it has on the environment, (Litter) Sunnyvale Spring Clean-up Events: Information on and how to participate in upcoming events, (Water Conservation) Tour Sunnyvale's Water Pollution Control Plant: Information and invitation to participate in upcoming event, (Mercury/Pharmaceuticals) Mercury, Fever Thermometer Exchange & MedDrop Event: Article publicizing and inviting individuals to participate in upcoming event.
- April 2013 – (Litter/Storm Drain Protection) Spring Cleaning for Our Community and Creeks: Information on how storm drain pollution can happen, ways to prevent it and an invitation to make a difference by participating in upcoming events, (IPM/Pesticides) It's Gardening Time!: Article on how to find less-toxic options for pest control and hiring a sustainable gardener, (Water Conservation) Spring Landscape Education Series Underway!: Information on how to participate in BAWSCA landscape education classes.
- June 2013– (Water Conservation) The Wonderful Water Tour – A Family Fun Event: Information and invitation to participate in upcoming tours, (Storm Drain Protection) Keep Car Wash Water Out of Storm Drains: Article on materials that could come off vehicles when washing, ways to wash it without causing storm drain pollution and how to get a Watershed Watch Discount Card that offers car wash discounts.

Electronic Newsletter: Beyond the Badge

Beyond the Badge is a monthly e-mail subscription newsletter from Sunnyvale's Department of Public Safety.

- August 2012– (Mercury/Pharmaceuticals) Mercury Thermometer Exchange & MedDrop Event: Calendar listing publicizing upcoming event, (Litter/Storm Drain Protection) Knock Out Litter in Sunnyvale: Calendar listing publicizing upcoming event.
- February 2013 – (Mercury/Pharmaceuticals) MedDrop Pharmaceutical Event: Calendar listing publicizing upcoming event, (Litter/Storm Drain Protection) NEAT Helps the Downtown Streets Team Expand: Article about the team and their efforts on picking up litter.

E-Mail Blast: Neighborhood Associations

These emails were sent out to neighborhood leaders who forward them onto the various association contact lists.

- August 2012 – (Litter/Storm Drain Protection, Water Conservation, Mercury/Pharmaceuticals, and IPM/Pesticides) Upcoming Events in Sunnyvale: Coastal Cleanup Day, WPCP Tour, Thermometer Exchange/MedDrop and Green Gardener Training: Information and invitation to participate in upcoming events.
- February 2013 – (Litter/Storm Drain Protection, Mercury/Pharmaceuticals/Water Conservation) Upcoming Events in Sunnyvale: Coastal Cleanup Day, WPCP Tour and Thermometer Exchange/MedDrop: Information and invitation to participate in upcoming events.
- April 2013 – (Litter/Storm Drain Protection) National River Cleanup Day: Information and invitation to participate in upcoming event.
- June 2013 – (Water Conservation) Tour Sunnyvale's WPCP: Information and invitation to participate in upcoming event.

Print: /Posters

Placed at various key locations throughout the city promoting upcoming events event. **Any person living, working, or going to school in the City, who used the library, community center, senior center or city hall could view the posters.

- June/August 2012 – (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.
- August/September 2012 – (Litter/Storm Drain Protection) Coastal Cleanup Day: Information on upcoming event and how to participate.
- September 2012 – (Litter/Storm Drain Protection) Knock Out Litter: Information on upcoming event and how to participate.
- March 2013 – (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate.
- March/April 2013 – (Litter/Storm Drain Protection) Great American Litter Pickup Event: Information on upcoming event and how to participate.
- April/May 2013 – (Litter/Storm Drain Protection) National River Cleanup Day: Information on upcoming event and how to participate.
- May/June 2013 – (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.

Print: Senior Center Kiosk

Sunnyvale Senior Center Kiosk – items are replenished as needed

- July 1, 2012 to June 30, 2013 – (IPM, Water Conservation and Stormwater Pollution Prevention) Various IPM, water conservation and pollution preventions flyers and brochures are made available to the public.

Print: Senior Activity Guide

Information on upcoming activities and events at the Sunnyvale Senior Center

- August 2012 – (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate.

Print/City Website: Press Release

- September 6, 2012 – (Mercury) Exchange Mercury Fever Thermometers: Information on upcoming event and how to participate.

Print: Senior Activity Guide

Information on upcoming activities and events at the Sunnyvale Senior Center

- August 2012 – (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate.

E-Mail Blast: Sunnyvale Library

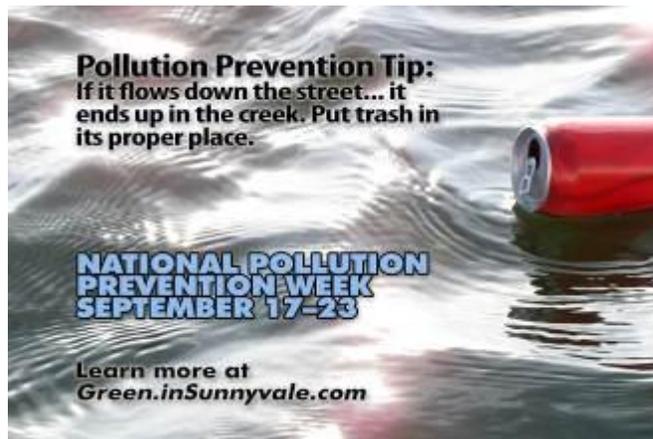
These emails are sent from the Library to those that opt-in to receive information on upcoming events.

- February 2013 – (Storm Drain Protection/HHW/Litter) Live Green, Save Green: Information on upcoming presentation and how to participate.

Community Cable TV: KSUN

Messages are developed and advertised on KSUN. These messages reach approximately 20,000 city residents with cable TV.

- September 2012 – (Litter/Storm Drain Protection) Coastal Cleanup Day: Information on upcoming event and how to participate, (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate.
- September 17 to 23, 2012 – (Pollution Prevention) P2 Week Slides – Daily Tips
 - o (Pesticides/IPM) Pollution Prevention Tip #1: Use less-toxic methods to control insects in your home and garden
 - o (Mercury) Pollution Prevention Tip #2: Proper disposal of mercury-containing products
 - o (Pool and Spa) Pollution Prevention Tip #3: Proper way to drain a pool or spa
 - o (Unused Medicines) Pollution Prevention Tip #4: No Drugs Down the Drains: proper disposal methods
 - o (Litter/Storm Drain Protection) Pollution Prevention Tip #5: "If it flows down the street. It ends up in the creek. Don't litter."
 - o (Auto Fluids) Pollution Prevention Tip #6: Proper disposal of automotive fluids.



P2 Week – Pollution Prevention Tip #5

- *October/November 2012* – (Litter/Storm Drain Protection) World Water Monitoring Day: Information on upcoming event and how to participate.
- *February 2013* – (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.
- *April 2013* – (Litter/Storm Drain Protection) Great American Litter Pickup: Information on upcoming event and how to participate, (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate and (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate.
- *May 2013* – (Litter/Storm Drain Protection) National River Cleanup Day: Information on upcoming event and how to participate.
- *June 2013* – (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.

Electronic Display Board: Library and Department of Public Safety(DPS)

Messages are developed and advertised on electronic bulletin boards. One is located in the City's Library near where items are checked out. The other is located in the lobby DPS. *Any person living, working, or going to school in the City who used the library or visited DPS could view the electronic display boards.

- *June/August 2012* – (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.
- *August/September 2012* – (Litter/Storm Drain Protection) Coastal Cleanup Day: Information on upcoming event and how to participate and (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate.
- *October/November 2012* – (Litter/Storm Drain Protection) World Water Monitoring Day: Information on upcoming event and how to participate.
- *February 2013* – (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.
- *March 2013* – (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate.
- *March/April 2013* – (Litter/Storm Drain Protection) Great American Litter Pickup: Information on upcoming event and how to participate.
- *April 2013* – (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.
- *April/May 2013* – (Litter/Storm Drain Protection) National River Cleanup Day: Information on upcoming event and how to participate.
- *June 2013* – (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.

Online: City of Sunnyvale Community Calendar

The City's community calendar can be found at: <http://sunnyvale.ca.gov/IntheCommunity/CommunityEvents.aspx>.

- *June/August 2012* – (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.
- *August/September 2012* – (Litter/Storm Drain Protection) Coastal Cleanup Day: Information on upcoming event and how to participate and (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate.
- *September/November 2012* – (Litter/Storm Drain Protection) World Water Monitoring Day: Information on upcoming event and how to participate.
- *January/February 2013* – (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.
- *February/March 2013* – (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate.
- *March/April 2013* – (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate and (Litter/Storm Drain Protection) Great American Litter Pickup: Information on upcoming event and how to participate.

- April/May 2013 – (Litter/Storm Drain Protection) National River Cleanup Day: Information on upcoming event and how to participate.
- May/June 2013 – (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.

Online: Yahoo! Groups Posting, Yahoo! (changed to Live SV in June) and San Jose Mercury News Calendar Listing

Sunnyvale Cool City Group is a group of city residents and friends organized to act to reduce the emissions of greenhouse gases in their community. In addition, they focus on various other green activities and events. The group has approximately 110 members. Yahoo! upcoming events calendar can be found at: <http://upcoming.yahoo.com/> and the San Jose Mercury News event calendar can be found at: <http://events.mercurynews.com/>.

- June/August 2012 – (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.
- August/September 2012 – (Litter/Storm Drain Protection) Coastal Cleanup Day: Information on upcoming event and how to participate, (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate, (IPM/Pesticides) Green Gardener Training: Information on upcoming classes and how to participate, (Water Conservation) Where Does Your Wastewater Go?: Information on upcoming event and how to participate.
- October/November 2012 – (Litter/Storm Drain Protection) World Water Monitoring Day: Information on upcoming event and how to participate.
- January/February 2013 – (Water Conservation) WPCP Tour: Information on upcoming event and how to participate.
- March 2013 – (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate.
- March/April 2013 – (Litter/Storm Drain Protection) Great American Litter Pickup: Information on upcoming event and how to participate.
- April 2013– (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.
- April/May 2013– (Litter/Storm Drain Protection) National River Cleanup Day: Information on upcoming event and how to participate.
- June 2013– (Water Conservation) Tour the WPCP: Information on upcoming event and how to participate.

TV: Channel 7 and Channel 11 Class Action

- August 19, 2012– (Mercury) Mercury Thermometer Exchange: Information on upcoming event and how to participate.
- December 2, 2012 – (Pesticides/IPM/Storm Drain Protection) City staff spoke on behalf of the OWOW program in a segment that was aired (See SCVUPPP's FY 2012-2013 Annual Report for further information)

Radio/Online: Public Service Announcement (PSA) – KRTY/KLIV

The following announcements were aired on KRTY (FM 95.3) and KLIV (AM 1590) and listed on their websites. The PSA's for KRTY are at: <http://krtv.com/Community/2668341> and KLIV's are at: <http://kliv.com/Public-Service/1055852>.

- March 2013 – (Mercury) Mercury Thermometer Exchange: Information on upcoming event and how to participate.
- May 2013 – (Litter/Storm Drain Protection) National River Cleanup Day: Information on upcoming event and how to participate.
- June 2013– (Water Conservation) WPCP Tour: Information on upcoming event and how to participate.

Online/Mobile : City of Sunnyvale Facebook and Twitter Accounts and City of Sunnyvale ESD Facebook Page

- June/August 2012 – (Water Conservation) WPCP Tour: Information on upcoming event and how to participate.
- September 2012 – (Litter/ Storm Drain Protection) 2012 Coastal Cleanup Day Volunteer Opportunities: Information on upcoming event and how to participate, (Yard Waste) Compost Workshops: Information on upcoming workshops and how to participate. And (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate.

- September 17 to 23, 2012 – (Pollution Prevention) P2 Week Slides – Daily Tips
 - o (Pesticides/IPM) Pollution Prevention Tip #1: Use less-toxic methods to control insects in your home and garden
 - o (Mercury) Pollution Prevention Tip #2: Proper disposal of mercury-containing products
 - o Pool and Spa) Pollution Prevention Tip #3: Proper way to drain a pool or spa
 - o (Unused Medicines) Pollution Prevention Tip #4: No Drugs Down the Drains: proper disposal methods
 - o (Litter/Storm Drain Protection) Pollution Prevention Tip #5: "If it flows down the street. It ends up in the creek. Don't litter."
 - o (Auto Fluids) Pollution Prevention Tip #6: Proper disposal of automotive fluids.
- October/November 2012– (Litter/Storm Drain Protection) World Water Monitoring Day: Information on upcoming event and how to participate.
- March 2013 – (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate.
- April 2013 – (Litter/Storm Drain Protection) National River Cleanup Day: Information on upcoming event and how to participate, (Pollution Prevention) Earth Day: ways to make Earth Day every day, and (Pollution Prevention/Litter) Earth Care Kidz: information on the camp presentation and a quick video of the youth proclaiming they are Earth Care Kidz.
- June 2013 – (Water Conservation) WPCP Tour: Information on upcoming event and how to participate.

Online: City of Sunnyvale Webpages

Updated Periodically – (Stormwater pollution prevention and proper waste disposal options) various pollution prevention messaging on three different web sites in the City as well as on green.insunnyvale.com.

- The Solid Waste and Recycling website provides HHW information regarding proper disposal of pesticides, fertilizers, and mercury containing products.
- The Water Pollution Control Plant Pretreatment section includes specific business related BMPs for painting, concrete, facility, equipment, cleaning, and vehicle maintenance.
- The Water Pollution Control Plant site also includes extensive water pollution prevention information and upcoming event information.
- Green.inSunnyvale.com provides a hub for issues related to pollution prevention and sustainability.

BUSINESS OUTREACH

E-Mail: Business E-mail/Newsletter Blast

This e-mail blast goes out to businesses in the City that have opted to receive messages from the Recycling division.

- Summer 2012 – (Litter) Foam Food Container Ordinance Input Meeting: Information on why the need for an ordinance and ways to provide input on potential ordinance and (Mercury) Your Inquires – fluorescent tubes: Information on why and how to recycle fluorescent tubes.
- Winter 2013 – (Mercury) Battery Recycling/HHW: Information on how to dispose of properly.
- Spring 2013 – (Litter) Food ware Ban - Poly: Information on upcoming ban.

EMPLOYEE OUTREACH

Online: The Sun Times Newsletter

A newsletter for employees of the City that reaches approximately 900 municipal employees.

- *July 2, 2012* – (Litter/ Storm Drain Protection) Help Keep Sunnyvale Clean: Information on how to prevent litter, with a focus on how to have a litter-free summer.
- *October 1, 2012* – (Mercury) Proper Disposal of Universal Waste & Mercury-containing Products: Proper disposal options and (Mercury/Plant Waste) Recycle and Compost at Work!: Information on what and how to recycle and compost at work.
- *January 2, 2013* – (IPM) IPM and You: Information on the City's IPM policy and what it means to the employee.
- *April 1, 2013* – (Litter/ Storm Drain Protection) Help Keep Sunnyvale Clean: Information on Great American Litter Pickup and National River Cleanup Day events and how to participate.

Print: Flyers and Posters

Placed in various staff break rooms (City Hall, DPS, Corp Yard, Senior Center, NOVA, WPCP, etc. ...)

- *August/September 2012* – (Litter/Storm Drain Protection) Coastal Cleanup Day: Information on upcoming event and how to participate, (Mercury/Pharmaceuticals) Mercury Thermometer Exchange/MedDrop: Information on upcoming event and how to participate.
- *March/April 2013* – (Litter/Storm Drain Protection) Great American Litter Pickup: Information on upcoming event and how to participate.
- *April/May 2013* – (Litter/Storm Drain Protection) National River Cleanup Day: Information on upcoming event and how to participate.

E-Mail: Sunnyvale Staff E-Mail

Sent to employees of the City with e-mail access.

- *September 17 to 21, 2012* – (Stormwater Pollution Prevention) Daily P2 Week Messages
 - o Monday's Tip: (Vehicle Maintenance) Proper maintenance (fluids, washing) tips.
 - o Tuesday's Tip: (Mercury) Proper disposal of mercury-containing items.
 - o Wednesday's Tip: (Mercury/Universal Waste) Proper Disposal of Universal Waste and Mercury-Containing Products: Options for proper disposal at work and at home.
 - o Thursday's Tip: (Yard Waste) Keep out of storm drains and disposal options.
 - o Friday's Tip: (Water Pollution Prevention) Cleaning with less-toxic options.
- *April 22 to 26, 2013* – (Stormwater Pollution Prevention) Be Kind to the Earth Challenge
 - o Monday's Challenge: (Litter) Plastic Free
 - o Tuesday's Challenge: (Water Pollution Prevention) Less-toxic options for cleaning
 - o Wednesday's Challenge: (Pesticides/IPM) Less-toxic options
 - o Thursday's Challenge: (Litter) Plastic film
 - o Friday's Challenge: (Water Pollution Prevention) Commuting

YOUTH OUTREACH

Print: Sunnyvale Sun

Local community newspaper with a readership of approximately 33,723 and an approximated circulation of 14,988.

- *November 15, 2012* – (Litter) Video Contest for Residents: BE the Street - Information on upcoming litter campaign and how to participate in contest.

Print: Wastewater Professional

Quarterly publication of the California Water Environment Association that is sent to members.

– April 2013 – (Stormwater Pollution Prevention) Earth Care Kidz – A feature article on the program and its outcome.

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 2012-2013:

- FY 2012- 2013 BASMAA Media Relations Final Report

This report and any other media relations efforts conducted by SCVURPPP are included within the C.7 Public Information and Outreach section of SCVURPPP's FY 2012-2013 Annual Report.

C.7.d ► Stormwater Point of Contact

No changes were made.

For additional information, see C.7 Public Information and Outreach section of SCVURPPP's FY 2012-2013 Annual Report for efforts conducted by the Program to publicize stormwater points of contact (e.g. program website, hotline, outreach materials, etc).

C.7.e ► Public Outreach Events

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.

Use the following table for reporting and evaluating public outreach events

See SCVURPPP's Report; section C.7.e for information on countywide events. Specific events held in Sunnyvale or where Sunnyvale staff assisted are identified below:

Event Details	Description (messages, audience)	Evaluation of Effectiveness
COMMUNITY OUTREACH		
<p>Mercury Thermometer Exchange / MedDrop Sunnyvale Senior Center September 19, 2012 March 13, 2013</p>	<p><u>Type of Event:</u> Collaboration with Department of Public Safety staff for a Mercury Thermometer Exchange / Medicine Drop-off during Pollution Prevention Week and a second in May. <u>Audience:</u> Senior adults <u>Messages:</u> Proper disposal options for mercury-containing products and old medications.</p>	<p><u>General Feedback:</u> Very successful events. We collected 44 mercury-containing thermometers and 63.75 pounds of unused medications in September, and 29 mercury-containing thermometers and 90 pounds of unused medications in May. <u>Estimated Number of Contacts:</u> At least 65 individuals brought in thermometers. We did not count the number of individuals bringing in used medications. <u>Comparison to Previous Events:</u> Two events were held in FY 2011-2012 with 93 thermometers and 143.75 pounds of unused medications collected. The quantity of thermometers</p>

		decreased and medicines collected increased, showing that this is an effective event to get residents to properly dispose of wastes.
<p>Green Gardener 10-week Program Sunnyvale Adult Community Education Center September - December 2012</p>	<p><u>Type of Event:</u> Training sessions where city staff served as guest instructors for three classes – Soils, IPM and Air Quality. See the Program's section C.7 of the annual report for additional information on the Green Gardener program. <u>Audience:</u> Landscape maintenance professionals <u>Messages:</u> Benefits of healthy soils to reduce synthetic fertilizer use, IPM practices for landscape care, techniques to reduce air quality impacts prevent air and water pollution</p>	<p><u>General Feedback:</u> This training provides a good mechanism to teach and promote the use of IPM practices by landscape maintenance professionals. Student evaluations of the presentations by city staff were generally positive and identified as being useful. <u>Estimated Number of Contacts:</u> 26 individuals attended the SCVURPPP-sponsored program. <u>Comparison to Previous Events:</u> The number of individuals attending the SCVURPPP-sponsored classes decreased this year. All successful program graduates are listed on www.mywatershedwatch.org website under the Green Gardener tab.</p>
<p>Family Fun Night Columbia Neighborhood Center, Sunnyvale October 24, 2014</p>	<p><u>Type of Event:</u> Community event that provides a safe environment for families to enjoy a night of games and activities. <u>Audience:</u> City residents, both youth and adults <u>Messages:</u> Literature and worksheets on good bugs vs. bad bugs and water conservation was provided. In addition, individuals had the opportunity to make masks of good bugs/critters and water cycle bracelets.</p>	<p><u>General Feedback:</u> This was a good opportunity for outreach to community on a variety of topics and provided an atmosphere for great conversations. <u>Estimated Number of Contacts:</u> Approximately 177 individuals (adults and youth) visited the table to make items and pickup information. <u>Comparison to Previous Events:</u> This was a first time event. We have been asked to participate again in 2013.</p>
<p>World Water Monitoring Day Stevens Creek (behind West Valley School), Sunnyvale November 3, 2012</p>	<p><u>Type of Event:</u> In collaboration with the Stevens & Permanente Creeks Watershed Council, volunteers were able to perform various water quality testing and biomonitoring. <u>Audience:</u> City residents, both youth and adults <u>Messages:</u> Stormwater pollution prevention, IPM, less-toxic options for pest control, draining options for pools and spas, and proper disposal information on pesticides,</p>	<p><u>General Feedback:</u> This event offered a venue for outreach to focus on how indoor/outdoor daily activities impact the health of our watershed and for residents to test and see what can happen to the water. In addition to the water testing, staff delivered Enviroscape presentations, and had various pollution prevention materials available. Youth were also able to color "good bug" coloring pages and learned about beneficial insects. <u>Estimated Number of Contacts:</u> 48 individuals</p>

	pharmaceuticals, and mercury.	attended the presentation. <u>Comparison to Previous Events:</u> Approximate decrease of 24% from previous year. Possibly due to a later time in the year. We do plan on presenting another event this year and will look into others ways to advertise the event.
Sunnyvale Quarterly Neighborhood Association Meeting Sunnyvale Senior Center January 28, 2013	<u>Type of Event:</u> Guest Speaker at Neighborhood Association Meeting <u>Audience:</u> Neighborhood Association leaders, adults <u>Messages:</u> Spoke ways for the associations to participate in various events hosted by the city and how they could book an outreach presentation. Provided various P2 handouts to those in attendance.	<u>General Feedback:</u> This was a good opportunity for targeted outreach and to be available to answer questions. <u>Estimated Number of Contacts:</u> 29 individuals attended the meeting. Most took information and several asked questions on a variety of topics. <u>Comparison to Previous Events:</u> This was a new event this year.
Live Green, Save Green Presentation Sunnyvale Library February 12, 2013	<u>Type of Event:</u> Adult P2 Presentation <u>Audience:</u> City residents <u>Messages:</u> Focus was on storm and wastewater pollution prevention, recycling options and composting. Also provided other stormwater pollution prevention information (IPM, less-toxic options for pest control, draining options for pools and spas, and proper disposal information on pesticides, pharmaceuticals and mercury.	<u>General Feedback:</u> This was a good opportunity for targeted outreach and to be available to answer questions. <u>Estimated Number of Contacts:</u> 15 individuals attended the talk. Most took information and several asked questions on a variety of topics. <u>Comparison to Previous Events:</u> This was a new event this year.
Leadership Sunnyvale Sunnyvale Materials Recovery and Transfer Station (SMaRT Station®) / Water Pollution Control Plant (WPCP) March 15, 2013	<u>Type of Event:</u> Community education program that provides participants with training on the fundamentals of leadership and classes in community awareness <u>Audience:</u> Adults / community members <u>Messages:</u> Topics included a wastewater treatment process overview, tours of the SMaRT Station® and WPCP, and discussions on water and stormwater pollution and its prevention.	<u>General Feedback:</u> This event presents a key opportunity to provide awareness to potential community leaders about watershed and pollution prevention issues. <u>Estimated Number of Contacts:</u> 13 individuals participated in the event <u>Comparison to Previous Events:</u> There was a slight decrease from the number of individuals that participated compared to the previous year.
BAWSCA Landscaping Classes Various City Locations September 2012 – Water-Efficient Landscaping with Introduction to Integrated Pest	<u>Type of Event:</u> In collaboration with BAWSCA, the City hosted 8 classes. <u>Audience:</u> City residents <u>Messages:</u> Pesticides, Yard Waste and Water Conservation, IPM	<u>General Feedback:</u> The classes have been a success. Those attending like the topics and instructors. The overall rating of the classes by those attending is excellent. <u>Estimated Number of Contacts:</u> A total of 152

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C.7 – Public Information and Outreach

<p>Management</p> <p>October 201 – Water-Efficient Edible Gardening and Water-Efficient Irrigation</p> <p>November 2012 – Landscaping with CA Native Plants</p> <p>March 2013 – Water-Efficient Edible Gardening</p> <p>April 2013 – Landscaping with CA Natives to Save Time, Water & Money and Increase the Curb Appeal of Your Garden</p> <p>May 2013 – CA Native Gardening Hands-On Workshop</p>		<p>people attended the various classes in FY 2012-2013</p> <p><u>Comparison to Previous Events:</u> There was a slight decrease in the number of individuals attending classes.</p>
<p>Sunnyvale Art & Wine Festival Downtown Sunnyvale June 1, 2013</p>	<p><u>Type of Event:</u> Community event <u>Audience:</u> City residents, both youth and adults <u>Messages:</u> Participants could spin the wheel and answers various questions to receive a small prize. Literature about water pollution prevention (IPM, less-toxic options for pest control, water conservation, and proper disposal information on pesticides, pharmaceuticals and mercury) was distributed.</p>	<p><u>General Feedback:</u> This was a good opportunity for outreach to community on a variety of environmentally related topics. <u>Estimated Number of Contacts:</u> Approximately 131 individuals (adults and youth) visited the exhibit for information and to spin the wheel. <u>Comparison to Previous Events:</u> First time that staff participated in this event.</p>
<p>Compost Workshops Various City Locations Workshops are held once per month, 10 times during the year</p>	<p><u>Type of Event:</u> Community workshop on learning how at-home composting turns organic material into valuable product for gardens and landscaping. <u>Audience:</u> City residents, adults <u>Messages:</u> Registrants learn that applying compost to gardens and landscaping reduces the need to apply fertilizer resulting in healthier plants, thus reducing the need for pesticide applications.</p>	<p><u>General Feedback:</u> These classes help support IPM practices and educate individuals on how to reduce the need for fertilizers, which can impact stormwater. <u>Estimated Number of Contacts:</u> Attendance was sporadic, depending on the season. Generally, anywhere between 12 and 40 individuals attended each new workshop session. <u>Comparison to Previous Events:</u> Participation numbers this year were similar to those from previous years.</p>
<p>Sunnyvale Farmers Market</p>	<p><u>Type of Event:</u> Community</p>	<p><u>General Feedback:</u> The market draws 2,000-</p>

<p>Downtown Sunnyvale In FY 2012-2013, staff participated 5 times</p>	<p><u>Audience:</u> City residents, both youth and adults <u>Messages:</u> Environmental Outreach exhibit promotes pesticide reduction through IPM practices during the spring and summer months, and highlights the difference between sanitary sewers and storm drains at other times. Stormwater pollution prevention is emphasized during the fall and winter months. Literature and fact sheets on less-toxic pest control and other pollution prevention literature such as the HHW mercury brochure, water conservation, vehicle fluids, car washing and surplus utility bill targeting water/stormwater pollution concerns are available. This year, we started engaging participants by having them play the P2 Dice Game.</p> <p>Give-aways such as stickers and “Pest or Pal” activity books about IPM are available for youth.</p>	<p>3,000 people each Saturday and provides an effective way to interface with shoppers in a venue that promotes healthy food and pesticide free gardening. <u>Estimated Number of Contacts:</u> For this reporting year, staff spoke with and provided outreach materials to approximately 311 individuals (adults) total for all days attended. <u>Comparison to Previous Events:</u> Participation numbers increased by approximately 39% this FY.</p>
<p>Sunnyvale Water Pollution Control Plant Tours Provided when requested by schools and approximately quarterly for residents</p> <p>Plant Tours are conducted year round during normal business hours; however, Community Tours which are held on Saturdays are also available. Six Saturday Community Tours were conducted during FY 2012-2013.</p> <p>In addition, staff can now provide a “virtual tour” with a Power Point presentation either on-site or at school in case of rain.</p>	<p><u>Type of Event:</u> Plant Tours <u>Audience:</u> City residents, both youth and adults <u>Messages:</u> Treatment stages and processes are discussed, and attendees learn the function and importance of the wastewater treatment plant and its role of preventing water pollution from wastewater discharge. Both stormwater and wastewater pollution issues are discussed as part of the tour, and educating participants on the difference between the sanitary sewer and storm drain collection system is an integral part of the messages provided.</p>	<p><u>General Feedback:</u> Discussions about water pollution and issues impacting the watershed and the environment help tour attendees gain a better understanding of the problems. At the completion of the tour, attendees are given educational materials that promote environmentally responsible behaviors. By the end of the tour, all participants know the difference between sanitary sewers and storm sewers. <u>Estimated Number of Contacts:</u> The Plant conducted 40 adult tours (two were virtual – totals include college students, new ESD employees and youth at Community Tours, reaching 752 adult/college aged individuals and 76 youth. See section C.7.h for information on youth tours.</p>

		<u>Comparison to Previous Events:</u> There was an increase of approximately 82% in the number of tours this year.
Sunnyvale Farmers Market (Targeted Outreach) Downtown Sunnyvale January-June 2013	<u>Type of Event:</u> Focused outreach to community <u>Audience:</u> Residents <u>Messages:</u> Staff provided information on Phase 2 of Sunnyvale's plastic bag ban which impacted the Farmer's Market. Gave out flyers and reusable net produce bags to encourage patrons to use reusable bags.	<u>General Feedback:</u> Good opportunity for one-on-one discussions. <u>Estimated Number of Contacts:</u> Gave away 50 net bags, spoke to all the market vendors (around 50) and 20-30 market goers. <u>Comparison to Previous Events:</u> One-time event
BUSINESS OUTREACH		
NetApp Healthy Living Fair NetApp, Sunnyvale August 2, 2012	<u>Type of Event:</u> Corporate <u>Audience:</u> Data Storage Device company employees <u>Messages:</u> Various organizations offered free information to employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on various P2 messages. This was a paper-free event. We had info with QR codes on it. In addition, we played the P2 Dice Game and gave away small prizes to those that played.	<u>General Feedback:</u> This was a good opportunity to engage employees on a variety of environmentally related topics and to be able to answer various questions related to pollution prevention. <u>Estimated Number of Contacts:</u> We had approximately 144 individuals stop by the booth to play the game or collect information. <u>Comparison to Previous Events:</u> There was a slight decrease (3%) over booth visitors reported for the previous year. We have been asked to participate again this year.
Lockheed Fun Run Event Lockheed, Sunnyvale August 2, 2012	<u>Type of Event:</u> Corporate <u>Audience:</u> Security and Aerospace employees <u>Messages:</u> Various organizations offered free information to employees during the outdoor festival that is designed to give a select group of local community vendors an opportunity to be a part of our infrastructure for a day. Our exhibit focused on various P2 messages. We aimed to keep it mostly paper-free by using the display pieces with QR codes. We did have a few handouts available to those interested. In	<u>General Feedback:</u> This was a good opportunity to engage employees on a variety of environmentally related topics and to be able to answer various questions related to pollution prevention. <u>Estimated Number of Contacts:</u> We had approximately 126 individuals stop by the booth to play the game or collect information. <u>Comparison to Previous Events:</u> We did not partake in this year the previous year. We will be participating again in 2013.

	<p>addition, we played the P2 Dice Game and gave away small prizes to those that played.</p>	
<p>Aruba Networks Health & Safety Fair Aruba Networks, Sunnyvale April 11, 2013</p>	<p><u>Type of Event:</u> Corporate <u>Audience:</u> Network Access company employees <u>Messages:</u> Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on general pollution prevention. We also provided information on water conservation and, general water pollution prevention literature about mercury, pesticides/IPM, car washing, and automotive fluids. In addition, the dice game was available for employees to play and win a prize.</p>	<p><u>General Feedback:</u> This was a good opportunity to engage employees on a variety of environmentally related topics and to be able to answer various questions related to pollution prevention. <u>Estimated Number of Contacts:</u> Approximately 78 individuals stopped by the booth for information or to play the game. <u>Comparison to Previous Events:</u> Increase of approximately 56%.</p>
<p>GreenNG Fair Northrop Grumman, Sunnyvale April 22, 2013</p>	<p><u>Type of Event:</u> Corporate <u>Audience:</u> Aerospace & Defense company employees <u>Messages:</u> Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on a variety of pollution prevention messages. We also provided water conservation messages and general water pollution prevention literature about mercury, pesticides/IPM, car washing, automotive fluids, etc. In addition, the dice game was available to play.</p>	<p><u>General Feedback:</u> This was a good opportunity to engage employees on a variety of environmentally related topics and to be able to answer various questions related to pollution prevention. <u>Estimated Number of Contacts:</u> This was a well-attended event, with 121 employees stopping by the booth for information or to play the game. <u>Comparison to Previous Events:</u> This was a decrease of approximately 9%; however feedback from the organizer stated that employees felt the booths were informative and stated that the event was enjoyable.</p>
<p>Earth Day Event AMD, Sunnyvale April 23, 2013</p>	<p><u>Type of Event:</u> Corporate <u>Audience:</u> Semiconductor company employees <u>Messages:</u> We were the only table. Our exhibit focused on a variety of pollution prevention messages. We also provided water conservation messages and general water pollution prevention literature about</p>	<p><u>General Feedback:</u> This was a good opportunity to engage employees on a variety of environmentally related topics and to be able to answer various questions related to pollution prevention. <u>Estimated Number of Contacts:</u> Was not well attended. Only 20 employees stopped by for information.</p>

	mercury, pesticides/IPM, car washing, automotive fluids, etc. In addition, the dice game was available to play.	<u>Comparison to Previous Events:</u> This was a first time event. Based upon feedback from employees, it was not advertised.
Earth Day Event Hewlett Packard, Sunnyvale April 25, 2013	<u>Type of Event:</u> Corporate <u>Audience:</u> Computer Hardware and Software employees <u>Messages:</u> Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on a variety of pollution prevention messages. We also provided water conservation messages and general water pollution prevention literature about mercury, pesticides/IPM, car washing, automotive fluids, etc. In addition, the dice game and wheel of recycling was available to play.	<u>General Feedback:</u> This was a good opportunity to engage employees on a variety of environmentally related topics and to be able to answer various questions related to pollution prevention. <u>Estimated Number of Contacts:</u> This was a well-attended event, with 78 employees stopping by the booth for information or to play the game. <u>Comparison to Previous Events:</u> This was a first time event.
Targeted IPM Outreach Orchard Supply Hardware (OSH), Sunnyvale May 11, 2013	<u>Type of Event:</u> Gardening / Home Improvement <u>Audience:</u> City Residents / Employees <u>Messages:</u> Targeted point-of sale IPM/pesticide outreach. We also provided water conservation messages and general water pollution prevention literature about draining pools and spas, car washing, automotive fluids, etc.	<u>General Feedback:</u> This was a good opportunity for targeted outreach on IPM and pesticides. Set-up in the gardening section. <u>Estimated Number of Contacts:</u> During the two-hour event, 25 individuals stopped by for information. <u>Comparison to Previous Events:</u> This was a first time event.
EMPLOYEE OUTREACH		
P2 Presentation Corp Yard, Sunnyvale October 3, 2012	<u>Type of Event:</u> Presentation/Discussion <u>Audience:</u> City Employees <u>Messages:</u> Water pollution prevention at home and work. Focused on IPM, water conservation, litter, auto fluids and proper disposal of mercury, HHW and pharmaceuticals.	<u>General Feedback:</u> This was a good opportunity to engage staff on a variety of environmental topics that relate to both home and work. <u>Estimated Number of Contacts:</u> Approximately 25 employees were in attendance. <u>Comparison to Previous Events:</u> This was a first time event.
IPM Training for Leads Community Center, Sunnyvale November 8, 2012	<u>Type of Event:</u> Presentation/Discussion <u>Audience:</u> City Employees (Park Leads) <u>Messages:</u> City IPM policy , MRP provisions and requirements, practices,	<u>General Feedback:</u> Annual training <u>Estimated Number of Contacts:</u> Approximately 30 employees were in attendance. <u>Comparison to Previous Events:</u> Varies

	recordkeeping, water conservation and litter	
IPM Training for Crews Community Center, Sunnyvale March 21, 2013	<u>Type of Event:</u> Presentation/Discussion <u>Audience:</u> City Employees <u>Messages:</u> City IPM policy , MRP provisions and requirements, BMPs, record keeping, water conservation and litter	<u>General Feedback:</u> Annual training <u>Estimated Number of Contacts:</u> Approximately 49 employees were in attendance. <u>Comparison to Previous Events:</u> Varies
Protecting our waterways During Maintenance Corp Yard, Sunnyvale June 26, 2013	<u>Type of Event:</u> Presentation/Discussion <u>Audience:</u> City Employees (Sewer Crew) <u>Messages:</u> MRP provisions and responsibilities, recordkeeping requirements and BMPs.	<u>General Feedback:</u> Annual training <u>Estimated Number of Contacts:</u> Approximately 30 employees were in attendance. <u>Comparison to Previous Events:</u> Varies
REGIONAL OUTREACH		
Twilight Movie Premiere Cupertino 16, Cupertino November 15, 2012 Countywide event	<u>Type of Event:</u> BE the Street <u>Audience:</u> Young adults <u>Messages:</u> Litter Prevention	<u>General Feedback:</u> Good opportunity to reach out to young adults. The BASMAA Be the Street photo booth was used at this event. <u>Estimated Number of Contacts:</u> Approximately 63 attendees posed for pictures. <u>Comparison to Previous Events:</u> First time event.
Mission College Eco Fair Mission College Campus, Santa Clara April 18, 2013 Countywide event	<u>Type of Event:</u> BE the Street College event <u>Audience:</u> Young adults, students <u>Messages:</u> Litter Prevention	<u>General Feedback:</u> The event was well organized and a good place to reach young adults. The BASMAA Be the Street photo booth was used at this event and approximately 68 attendees posed for pictures. <u>Estimated Overall Event Attendance:</u> 500-1,000
For description of Regional efforts, see section C.7.e of SCVURPPP's FY 2012-2013 Annual Report.		

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 2012-2013, the City and SCVURPPP actively supported the Santa Clara Basin Watershed Initiative, including the Steering Committee, the Land Use Subgroup, and the Santa Clara Valley Zero Litter Initiative. A description of these efforts is included within the C.7 Public Information and Outreach section of SCVURPPP's FY 2012-2013 Annual Report. The Program also participated in the Bay Area Macroinvertebrate Bioassessment Information Network (BAMBI). A description of BAMBI efforts is included in the C.8 Water Quality Monitoring section of the SCVURPPP's FY 2012-2013 Annual Report.

C.7.g. ► Citizen Involvement Events

List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.

See SCVURPPP's Report; section C.7g for information on countywide events. Specific events held in Sunnyvale are identified below:

Event Details	Description	Evaluation of effectiveness
<p>Name: California Coastal Cleanup Day Date: September 15, 2012(9 AM – noon) Locations/ Focus: For the statewide event, the City focused on Sunnyvale West Channel and a portion of Guadalupe Slough on the outside levees (shoreline) of the Water Pollution Control Plant oxidation ponds.</p>	<p>Trash and litter cleanup event along shorelines of local waterways.</p>	<p>Number of Participants: 47 volunteers and 3 city staff Area cleaned: Approximately 3.3 miles of slough and channel bank. Quantities of materials removed: Approximately 1,860 pounds of trash and 290 pounds of recyclables (plastic bottles / glass) during the event. Most common debris items collected: -Shotgun shells/wadding (too numerous to count) - Plastic bottles - Food wrappers and containers Comparison to previous events: The number of participants and quantity of debris collected</p>

		<p>increased from the previous year. The amount of debris was increased by over 100%.</p>
<p>Name: Knock Out Litter in Sunnyvale <u>Date:</u> September 22, 2012 (9 – 11 AM) <u>Locations/ Focus:</u> The City chose four sites in need of cleanup: San Miguel neighborhood area, Bishop School neighborhood area, and Mathilda/Maude business/neighborhood area.</p>	<p>In collaboration with the Department of Public Safety, Trinity Church and the Sunnyvale Boxing Club. Collected litter and cleaned illegal dumping sites from neighborhoods surrounding event check-in sites.</p>	<p><u>Number of Participants:</u>36 volunteers and 4 city staff <u>Area cleaned:</u> Approximately 3.5 miles square miles <u>Quantities of materials removed:</u> Approximately 1,660 pounds of litter and debris were collected during the event. <u>Comparison to previous events:</u> While the number of volunteers decreased, the amount of trash slightly increased.</p>
<p>Name: Great American Litter Pickup <u>Date:</u> April 20, 2013 (9 AM – noon) <u>Location/Focus:</u> Three City neighborhood sites were sponsored: Columbia Neighborhood Center, Braly and Washington Parks.</p>	<p>Collected litter and cleaned illegal dumping sites from neighborhoods surrounding event check-in sites.</p>	<p><u>Number of participants:</u> 35 volunteers and 3 city staff. <u>Area cleaned:</u> Approximately a one square mile neighborhood area around each check-in location (total of 3 square miles). <u>Quantities of materials removed:</u> Approximately 845 lbs. of trash and litter, including recyclable bottles and cans were collected. An additional 4 cubic yards of illegally dumped material was collected from the areas. These were generally larger items that would not fit into a storm drain inlet, but could get into the nearby Sunnyvale East Channel. <u>Most common debris items collected:</u> From streets: Styrofoam, snack food wrappers, and paper. Larger debris collected was mostly cardboard, furniture, carpet, and tires. <u>Comparison to previous events:</u> There was a slight decrease in the number of volunteers and trash collected. Decrease in debris could be due to community awareness and due to these locations being cleaned on other occasions.</p>

<p><u>Name:</u> National River Clean Up Day <u>Date:</u> May 18, 2013 <u>Location/Focus:</u> Sunnyvale East Channel and a portion of Calabazas/San Tomas Aquino Creek, north of Highway 237 crossing</p>	<p>Clean up along banks of local waterways.</p>	<p><u>Number of participants:</u> 33 volunteers and 2 City staff <u>Area cleaned:</u> Approximately 3.5 miles of channel bank and creeks were cleaned <u>Quantities of materials removed:</u> Approximately 1, 000 lbs. of trash and 30 lbs. of recyclable materials were removed. <u>Most common debris items collected:</u> Plastic bottles, Styrofoam pieces, packing material, and food/beverage containers and wrappers, single use plastic bags, and cigarette butts <u>Comparison to previous events:</u> This event had an increase in both volunteers and trash.</p>
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The following separate reports developed by SCVURPPP and other organizations also include information about citizen involvement events conducted during FY 2012-2013:

- Watershed Watchers: Keeping Our Waterways Clean: FY 2012-2013 Fourth Quarter Report (includes end-of-year Summary from Alviso Education Center)
- Going Native Garden Tour 2013- Summary Report

These reports are included within the C.7 Public Information and Outreach section of SCVURPPP's FY 2012-2013 Annual Report.

C.7.h. ► School-Age Children Outreach

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment. Use the following table for reporting school-age children outreach efforts.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
<p>Sunnyvale Community Services Summer Safari Camps Ages 3-5 July 12 & 13, 2012 Three Camps (Serra, Ortega & Las Palmas Parks)</p>	<p>A joint venture between Solid Waste staff and Outreach Coordinator. The presentation was titled Pollution Solutions and focused on water pollution prevention and recycling.</p>	<p>Approximately 45 children and 11 adults attended the three sessions.</p>	<p>Well received by all. Will return next year if the format remains the same.</p>
<p>Sunnyvale Christian School Summer Camp Preschool – 5th</p>	<p>A joint venture between Solid Waste staff and Outreach Coordinator. The presentation was titled Pollution</p>	<p>Approximately 97 children and 10 adults attended the</p>	<p>This was a first time event and was very well received. Was invited back to do classroom presentations in the fall.</p>

<p>July 24, 2012 Three Camps (Preschool, Grades K & 1 and Grades 2-5)</p>	<p>Solutions and focused on water pollution prevention and recycling. In addition to the presentations, each group participated in a litter-walk and collected litter (3.5 bags of debris collected) around the campus and neighborhood.</p>	<p>three sessions.</p>	
<p>Sunnyvale Library Presentation Grades 1-5 April 9, 2013</p>	<p>The presentation focused on how our local waterways can become polluted via storm drains. We honed in on pesticides and started a conversation on beneficial insects. The youth then had the opportunity to make "good-guy" masks. In addition, we discussed actions that could be taken to make everyday Earth Day. A variety of color and activity sheets related to water pollution prevention were distributed at the end.</p>	<p>Approximately 19 children and 9 adults attended.</p>	<p>Very well received by all in attendance. Both the youth and the parents participated in verbal responses when asked "whose job is it to make sure our water does not become polluted?" Several parents came up to ask questions while their children collected their color and activity sheets and others stopped by on their way out to express their thanks and mentioned that they learned new things as well.</p>
<p>Earth Care Kidz Sunnyvale Spring Camp Grades 1-8, broken into two sessions of grades 1-3 and 4-8 April 15, 2013</p>	<p>Day Camp is sponsored by the City during the spring school break. Through fun games and activities, camp participants learn about living a healthy lifestyle and how they can contribute to the welfare of the community they live in. Program was compressed to one day this year and included: difference between sanitary sewers and storm drains, leading to information about water pollution prevention and an Enviroscope demonstration. In cooperation with Solid Waste staff who also presented recycling information, campers did a litter pick-up (13.5 bags of debris collected), had a discussion on what was found, performed a recycling relay and took a banner pledge. The campers were given posters that allowed them to complete message</p>	<p>80 campers 8-9 camp instructors / volunteers</p>	<p>The camp learning activities went well. The litter pick-up brought home the message that they can make a difference and many were adamant about collecting the trash even after the allotted time was up.</p>

	<p>blanks and color the posters to show what they had learned from the activities during the session related to conservation, litter, and sustainability actions. In addition, the banner signed by all participants was hung in a location where they could see it daily.</p> 		
<p>Earth Day Poster Winners Social Grades K-8 City Council Chambers and Library April 23, 2013</p>	<p>Winners of the 3rd Annual Earth Day Poster contest are acknowledged by the Mayor and the posters are shown on screens in the Council Chambers. Winning posters included a variety of sustainable messages including: "Only rain Down the Drain", Don't Litter, Reduce, Reuse and Recycle and Conserve Water. After acknowledgment, the winners and their family are invited to the library for ice cream, where the winning posters are displayed. Currently, the posters are lining the hallway at City Hall.</p>	<p>Approximately 18 children and 20 adults attended.</p>	<p>Very well received by all those in attendance and the council. It also provides a great opportunity to have one-on-on conversations with the parents and to answer their questions.</p>

			
<p>Brownie Troop Presentation DeAnza Park Building Grade 3 May 10, 2013</p>	<p>The presentation focused on how our local waterways can become polluted via storm drains. This was primarily done through discussion and an Enviroscape demonstration. In addition, a litter-walk was conducted (2 bags of debris collected) and a discussion on what was found followed. A variety of color and activity sheets related to water pollution prevention were distributed at the end.</p>	<p>Approximately 12 scouts and 5 adults attended.</p>	<p>Very well received by all in attendance. Both the youth and the parents participated in verbal responses and in the litter cleanup. Several parents expressed their thanks and stated that they learned something new and that it helped bring the awareness of litter to the forefront.</p>
<p>Plant Tours School Groups Grades 5-12</p>	<p>Students learn the stages of treatment by viewing the various processes, equipment, and tanks. They also learn the function and importance of the wastewater treatment plant and its role of preventing water pollution from wastewater discharge. Both stormwater pollution issues are discussed as well as the difference between sanitary sewers and storm sewers.</p>	<p>The plant conducted a total of 14 tours for school-age students during FY 2012-2013, reaching 327 youth and 83 adult chaperones.</p>	<p>Discussions about water pollution and issues impacting the watershed and the environment help tour attendees gain a better understanding of the problems. By the end of the tour, all participants know the difference between sanitary sewers and storm sewers. At the completion of the tour, attendees are given educational materials that promote environmentally responsible behaviors and have the opportunity to ask questions.</p>
<p>Creek Education Program</p>	<p>Water and Structures of Life. After studying the course in class, students take a creek education trip to McClellan Ranch Park as a supplement to their water studies course and gain knowledge about the importance of watersheds. This</p>	<p>During FY 2012-2013, 346 students, 15 teachers and 68 parents from Sunnyvale schools participated.</p>	<p>Program is always well received by those in attendance. For future information, please see Cupertino's annual report.</p>

	<p>program is produced in partnership with the Cupertino School District.</p>		
<p>Classroom Presentations Various Sunnyvale Schools Grades K-8</p>	<p>In our primary school water pollution education program, staff provides a presentation as well as a demonstration on water pollution and prevention. This is done through discussion, student participation, and a demonstration using the Enviroscape or the Who Dirtied the Bay fish bowl demo. Lesson plans vary depending on age of students. Topics include: the forms of water, the water cycle, what a watershed is, how stormwater pollution happens, how to prevent stormwater pollution, how to prevent pollution of aquifers (includes building a model of one in the classroom) and how to conserve water. Younger grades include a reading of the book "All the Way to the Ocean" as a wrap-up of the lesson.</p>	<p>Conducted 56 classroom presentations during FY 2012-2013 reaching approximately 1,368 students and 63 teachers / teacher aides. A breakdown of the various grades can be provided upon request.</p>	<p>Written feedback provided in teacher surveys returned to us after the class presentations indicated that the information presented greatly improved student understanding of storm drains and water pollution caused by human activities. Copies of evaluations received can be provided upon request.</p>
<p>The Earth Care Kidz program and one of the city's Outreach Coordinators, each received two awards during FY 2012-2013:</p> <ul style="list-style-type: none"> – Earth Care Kidz: Public Education Program of the Year (small budget) from the California Water Environment Association's Santa Clara Valley Section. In addition, the Earth Care Kidz Program won the same award at the statewide level. – Outreach Coordinator: Public Education Person of the Year from the California Water Environment Association's Santa Clara Valley Section. In addition, the Outreach Coordinator was named Public Education Person of the Year at the statewide level. <p>The following separate reports developed by SCVURPPP and other organizations also include information about school-age children outreach efforts conducted during FY 2012-2013:</p> <ul style="list-style-type: none"> • ZunZun School Assemblies for Watershed Watch Campaign- FY 2012-2013 Academic Year Final Report • Memorandum- Evaluation of the School Assembly Program- FY 2012-2013 • Watershed Watchers: Keeping Our Waterways Clean: FY 2012-2013 Fourth Quarter Report (includes end-of-year Summary from Alviso Education Center) <p>These reports are included within the C.7 Public Information and Outreach section of the Program's FY 2012-2013 Annual Report.</p>			

C.7.i. ► Outreach to Municipal Officials

(For FY 12-13 Annual Report only) Summarize outreach conducted to increase the overall awareness of stormwater and/or watershed messages among municipal officials.

Summary:

- Single-use Bag Ordinance: Staff updates were provided through the City Manager's Bi-Weekly Report several times in 2012 regarding how the implementation of the single-use bag ordinance was coming along.
- Expanded Polystyrene Foam: On December 18, 2012 staff brought actions to Council regarding the implementation of a ban on expanded polystyrene (EPS) foam food containers and the adoption a Council Policy banning the purchase of EPS foodware containers by City employees. Both items were approved.
- Information on Outreach is provided in the City Manager's Bi-Weekly Report. In addition, council partakes in the annual Earth Day Poster contest and Green Business awards.

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 2012-2013, Sunnyvale contributed through SCVURPPP to the BASMAA Regional Monitoring Coalition (RMC). In addition, Sunnyvale contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and was 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 SCVURPPP, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of SCVURPPP's FY 2012-2013 Annual Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.b ► Implement IPM Policy or Ordinance					
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.					
Trends in Quantities and Types of Pesticides Used⁶¹					
Pesticide Category and Specific Pesticide Used	Amount⁶²				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	0	0	0	0	
Pyrethroids					
Tempo Cyfluthrin	637.2 oz	54.4 oz	25.6 oz	125.3 oz	
Cy-Kick Cyfluthrin (SMaRT Station contractor)	unknown	0.12 oz	0	0	
PT 565 XLO/ (SMaRT Station contractor) Pyrethrins Piperonyl butoxide	unknown	0.12 oz 0.12 oz	0 0	0 0	
Delta Dust Crack & Crevice Dust Deltamethrin	0.00075 oz	0	0	0	
Drione Dust Crack & Crevice Dust Pyrethrin Piperonyl butoxide	0.125 oz 0.0125 oz	0 0	0 0	.04 oz .4 oz	
Spectracide Prallethrin Lambda Cyhalothrin	1.8 oz 0.72 oz	3.5 oz 1.4 oz	0	0	
PT 565 Pyrethrin d-Transallethrin Piperonyl butoxide	0	0.01 oz 0.01 oz 0.04 oz	0	.0125 oz .0125 oz .05 oz	

⁶¹ Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁶² 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 (D-allethrin), bioallethrin, bifenthrin, beta-cyfluthrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (D-phenothrin), tau fluvalinate, tefluthrin, tetramethrin, tralomethrin, and zeta-cypermethrin (S-cypermethrin).

n-Octylbicycloheptane dicarboximide		0.04 oz		.05 oz	
Carbaryl	0	0	0	0	
Fipronil					
Termidor Fipronil	0.2912 oz	0	0	0	
Max Force Bait Station Fipronil	0.00262 oz	0.0021 oz	0.000005 oz	.00001 oz	

Comments:

During the 2012-2013 reporting year, the City continued to implement its IPM policy. The following clarifies noteworthy changes in the City's application of several pesticides:

- Tempo (cyfluthrin) shows an increase in use for FY 12-13, however, it was applied indoors at eight locations around the City in FY 12-13 to control spider/insect problems after other IPM control measures (such as rosemary oil) were tried and unsuccessful. All applications were determined to pose no threat and have no potential impact to stormwater runoff.
- PT 565 shows an increase in use during FY 12-13, it was applied indoors and determined to pose no threat and have no potential impact to stormwater runoff.
- Drione Dust was applied at two locations during FY 12-13 to control bees after other IPM control measures were unsuccessful.
- Max Force Bait Stations (Fipronil) shows an increase in FY 12-13, the two ant baits were only used indoors and pose no threat or potential impact to stormwater runoff.

This report also includes updates to 2011-2012 reporting data which were discovered after submittal of the 2011-2012 Annual Report. A typographical error resulted in reporting Tempo (cyfluthrin) use in 2011-2012 as 256 oz, and the correct amount applied in 2011-2012 was 25.6 oz. Fipronil application via Max Force Bait Station was miscalculated and the amount reported for 2011-2012 represented total bait applied not the active ingredient; the correct amount of Fipronil applied via Max Force Bait Station in 2011-2012 is 0.000005 oz (i.e. one bait station).

C.9.c ► Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	53
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	56
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%

C.9.d ▶ Require Contractors to Implement IPM					
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 9-1 for sample contract specific specifications to follow the City's IPM policy that goes into any contracts for firms providing pest control services).				
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR				
<input type="checkbox"/>	Equivalent documentation.				
If Not attached , explain:					

C.9.e ▶ Track and Participate in Relevant Regulatory Processes	
Summarize participation efforts, information submitted, and how regulatory actions were affected OR reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.	
Summary: During FY 2012-2013, Sunnyvale participated in regulatory processes related to pesticides through contributions to the Program, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees.	

C.9.f ▶ Interface with County Agricultural Commissioners					
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.					

C.9.g. ► Evaluate Implementation of Source Control Actions Relating to pesticides

(For FY 12-13 Annual Report only) Submit a report that evaluates; 1) the effectiveness of control measures implemented, and 2) attainment of pesticide concentration and toxicity targets for water and sediment from monitoring data (Provision C.8.). If needed, the report should include the following:

- Improvements to existing control measures and/or additional control measures required.
- A plan to implement improved and/or new control measures.

Summary:

The Effectiveness Evaluation Report is included in Section C.9 Pesticides Toxicity Control of the Program's FY 2012-2013 Annual Report.

Additionally, effectiveness is evaluated based on the following control measures:

- Sunnyvale revised its IPM policy in June 2010. The policy sets forth the guiding principles for development and implementation of an Integrated Pest Management (IPM) program for all City properties and facilities. The goals of the IPM policy and its implementation throughout the city are to:
 - Create awareness among City staff of the Integrated Pest Management program.
 - Provide education for all City departments to practice the most appropriate approach to managing pests on City properties and facilities.
 - Reduce or eliminate pesticide use on City properties and facilities while providing guidelines for their use when appropriate.
 - Eliminate adverse impacts to the environment due to pesticide usage including water quality (both in urban streams and South San Francisco Bay), composted green waste and soil quality.
- Sunnyvale trains employees that apply or use pesticides (including herbicides) within the scope of their duties throughout the year. In addition to training on pesticide application, staff reviews the City's IPM policy to ensure awareness and compliance with City policy. In the past year, the City has trained 100% of its staff involved in pesticide application.
- Language included in contracts for contractors that perform pesticide application at City facilities specifies that:
 - 1) Those licensed or certified City staff and contractors who are employed by the City to control or manage pests will follow the IPM Best Management Practices and Standard Operating Procedures found in the City of Sunnyvale Urban Runoff Management Plan (URMP) Pest Management Control Program chapter.
 - 2) Pesticide Applicators will use the most current IPM approaches or technologies available to ensure the long-term prevention or suppression of pest problems and to minimize negative impacts on the environment, non-target organisms, and human health to Implement IPM.
- Sunnyvale Municipal Code 12.60.155 Stormwater Management requires that all regulated projects shall implement the LID requirements including landscaping that minimizes irrigation and runoff, promotes surface infiltration, minimizes the use of pesticides and fertilizers and incorporates sustainable landscaping practices.

C.9.h.ii ► Public Outreach: Point of Purchase

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); **OR** reference a report of a regional effort for public outreach in which your agency participates.

Summary:

The following separate reports developed by SCVURPPP and BASMAA summarize point of purchase outreach efforts conducted during FY 12-13:

- FY 2012-2013 Store Employee Training Report (SCVURPPP)
- FY 2012-2013 Store Employee Training Evaluation Summary (SCVURPPP)
- FY 2012-2013 Store Employee Training Status Table (SCVURPPP)
- FY 2012-2013 List of Stores in the IPM Store Partnership Program (SCVURPPP)
- FY 2012-2013 BASMAA "Our Water, Our World" (OWOW) Report (BASMAA)

These reports are included within the C.9 Pesticides Toxicity Control section of SCVURPPP's FY 2012-2013 Annual Report.

C.9.h.iv ► Pest Control Contracting Outreach

(For FY 12-13 Annual Report only) Document effectiveness of outreach to residents who use or contract for structural or landscape pest control **OR** reference a regional that summarizes these actions.

Summary:

See the C.9 Pesticides Toxicity Control section of SCVURPPP' FY 2012-2013 Annual Report for a report that evaluates outreach to residents.

In addition to the Program's efforts, Sunnyvale promoted the Santa Clara Valley Green Gardener classes and the hiring of Green Gardeners at the Sunnyvale Farmers Market and other venues (see Section C.7 of this report for details) and through internal outreach resources. In addition, outreach on IPM was provided at events and through number City communication channels. These include theater billboards, utility bill inserts, newspaper ads and articles, community kiosks, emails blasts and social media outlets such as Facebook.

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 2012-2013:

- FY 2012-2013 Watershed Watch Campaign Final Report
- FY 2012-2013 Green Gardener Training Report

These reports are included within the C.7 Public Information and Outreach and C.9 Pesticides Toxicity Control sections of SCVURPPP's FY 2012-2013 Annual Report.

City staff continued to support the Green Gardener Program by providing both technical and in-kind assistance to coordinate the Santa Clara Valley Green Gardener classes and specifically provided classroom instruction in soils and irrigation practices.

Response to Water Board Staff Comments on Section 9, Provision C.9, of FY 11-12 Annual Report

The City did not receive any requests from Water Board staff for clarification or additional information related to the 2011-2012 Annual Report on Provision C9 and no response is needed.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.iii ► Minimum Full Trash Capture (Summary of Actions)

Provide the following:

- 1) Descriptions of actions/tasks initiated, conducted or completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014), including numbers of devices, device types and total land area treated to-date by full capture devices;
- 2) Descriptions of planned actions/tasks and time schedules for completion;
- 3) A map that includes locations of all full capture devices installed (private and public) to-date and associated treatment areas, trash generation rates/areas, creek/shoreline trash hot spots, and trash management areas defined to-date.
- 4) A summary of maintenance activities implemented for each device or groups of devices, including descriptions of typical maintenance frequencies and issues associated with maintaining these devices.

Descriptions of Actions/Tasks (Conducted or Planned):

The permit-required full trash capture treatment area is 164 acres. The City has completed installations to fulfill the Minimum Full Trash Capture requirement and has taken significant actions to implement full trash capture in the urban service area:

- The City has installed a total of 79 full-capture trash inlet devices (Storm Tek, AS-2 inlet screens) as of February 26, 2013, as identified on the City of Sunnyvale Draft Full Trash Capture Map which is included at the end of this report section. The total estimated acreage treated by the 79 full-trash capture treatment devices in the public right of way is 119.03 acres. The City has installed partial-capture automatic retractable screens on 40 of the 79 full-capture devices.
- As part of the City's Mathilda Bridge Rehabilitation Project, the City installed two large full trash capture devices that treat 10.65 acres.
- Since 2003, the City has approved installation of 90 large full-trash capture devices (e.g., vortex-separator and continuous deflection-type devices) that treat stormwater from parking lots and other impervious surfaces of new and redevelopment projects. Of the 90 units, 66 have been constructed and 24 are currently under construction. The devices installed are identified on the City of Sunnyvale Draft Full Trash Capture Map. The total estimated acreage treated by these full-capture treatment devices on private new and redevelopments is 197.16 acres.
- The total land area currently treated by installed public and private devices is 246.01 acres with an additional 80.83 acres of treatment under construction.
- The City is currently in the engineering stage for the construction of two new large full-trash capture devices (HDS units). According to preliminary designs, the constructed devices will treat stormwater runoff in trash management areas identified on the City of Sunnyvale Draft Trash Management Areas map as Trash Management Area 1 (catchment 47 and catchment 27). The estimated total area treated in Catchment 47 and Catchment 27 will be 268 acres and 436 acres, respectively. These catchments do include some inlet and private property devices already installed. This overlap will be accounted for in future tracking and reporting. Construction of the devices is anticipated to be completed by September 30, 2014.

Descriptions of Maintenance Activities:

- Routine maintenance of the 79 devices in the public right of way is conducted by the City's Wastewater Operations group and occurs between July and October each year. Each unit is cleaned no less than once per year and, depending on the results, may be monitored and cleaned more frequently throughout the year. Maintenance crews document the cleaning efforts on an inspection form and note

overall condition of the catch basin and treatment device, including the type of materials collected. These forms are filed and maintained for potential audit purposes. One issue noted during routine maintenance is that the retractable screens can become fouled by leaves and debris and fail to close requiring additional attention to ensure proper operation.

- City Environmental Compliance Inspectors inspect devices installed by private development on a regular basis for compliance with their Stormwater Management Plan to ensure the treatment systems are properly maintained and operational. This inspection includes a review of the maintenance records and documentation. The inspection forms and any compliance notices are retained with the Stormwater Management Plan with Environmental Compliance files.

The following maps and table, which are working documents and will continue to be refined in FY 13-14, are included at the end of Section 10 of this report:

- City of Sunnyvale Draft Full Trash Capture Map
- City of Sunnyvale Draft Trash Management Areas Map
- Preliminary Draft Trash Management Areas Table

C.10.a.iii ► Minimum Full Trash Capture (List of Devices)

Provide a list of trash full capture devices installed to-date or planned for installation by July 1, 2014 and the land area treated by each device or group of devices.

The following table lists estimated treatment areas for the specified trash capture device. Actual treatment area for some devices cross trash management areas. For the purposes of this report, the device is listed in the trash management area in which it is physically located. Verification of treatment areas for these devices will continue in FY 13-14.

Applicable Trash Management Area (Preliminary Map ID)	Device Type	Planned or Installed	Maintenance Frequency	Total Number Installed	Total Area Treated (acres)
1	Connector Pipe Screen	Installed	1x/year min.	11	12.7
	Hydrodynamic Separators	Installed/Under Construction	1x/year min.	6	17.7
	Hydrodynamic Separators	Planned	1x/year min.	2	704
	Screens	Installed	1x/year min.	3	15.06
	Filters	Installed	1x/year min.	3	7.38
2	Connector Pipe Screen	Installed	1x/year min.	2	2.48
	Hydrodynamic Separators	Installed	1x/year min.	5	3.31
3	Connector Pipe Screen	Installed	1x/year min.	1	1.72
	Hydrodynamic Separators	Installed/Under Construction	1x/year min.	9	16.59
4	Connector Pipe Screen	Installed	1x/year min.	3	3.35
5	Connector Pipe Screen	Installed	1x/year min.	16	24.29
	Hydrodynamic Separators	Installed/Under Construction	1x/year min.	4	52.3
	Filters	Under Construction	1x/year min.	10	5.54
6	Connector Pipe Screen	Installed	1x/year min.	4	6.74
7	Hydrodynamic Separators	Installed	1x/year min.	2	6.84

8	Connector Pipe Screen	Installed	1x/year min.	1	1.41
	Hydrodynamic Separators	Installed	1x/year min.	4	10.13
9	Connector Pipe Screen	Installed	1x/year min.	Treated by County of Santa Clara device	1.40
11	Connector Pipe Screen	Installed	1x/year min.	5	9.13
13	Connector Pipe Screen	Installed	1x/year min.	20	25.76
	Hydrodynamic Separators	Installed	1x/year min.	2	10.65
	Filters	Under Construction	1x/year min.	2	2.6
14	Connector Pipe Screen	Installed	1x/year min.	16	31.45
	Hydrodynamic Separators	Installed	1x/year min.	35	47.87
	Filters	Installed	1x/year min.	7	11.84
			Totals	174	1032.24

C.10.b.iii ► Trash Hot Spot Assessment						
Provide the volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible. Additionally, include a map that identifies the location(s) of trash hot spots.						
Trash Hot Spot	Cleanup Date	FY 2012-13 Volume of Trash Removed (cubic yards)	FY 2011-12 Volume of Trash Removed (cubic yards)	FY 2010-11 Volume of Trash Removed (cubic yards)	Dominant Type(s) of Trash	Trash Sources (where possible)
SNV01	5/21/13	0.543	0.317	0.448	Bottles (plastic or glass), Styrofoam, Sports balls, Other, Spray paint cans, Wood debris	Trash accumulation, Litter
SNV02	5/18/13	0.401	0.112	0.636	Plastic Bags, Other plastic products, Paper and cardboard, Sports balls, Aluminum cans, Wood debris	Trash accumulation, Litter, Other
SNV03	5/20/13	0.335	0.224	0.198	Sports balls, Bottles (plastic or glass), Aluminum cans, Styrofoam, Convenience/Fast Food items, Wood debris	Trash accumulation, Litter
SNV04	5/20/13	0.182	0.168	0.112	Other, Bottles (plastic or glass), Sports balls, Styrofoam, Convenience/Fast Food items, Wood debris	Trash accumulation, Litter
SNV05	5/20/13	0.101	0.037	0.242	Styrofoam, Bottles (plastic or glass), Sports balls, Convenience/Fast Food items, Paper and cardboard, Wood debris	Trash accumulation, Litter
Totals		1.562	0.858	1.637		

C.10.c ► Long-Term Trash Load Reduction Plan	
Provide descriptions of the progress made to-date on the development of Long-term Trash Load Reduction Plans due to the Water Board by February 1, 2014.	
The City of Sunnyvale actively participated with BASMAA to work with the Water Board staff to address feedback on the previous Trash Load Reduction products and to develop a framework for developing the Long-term Trash Plans. The City committed early field staff and program management resources to initially pilot implementation of proposed approaches, and presented its findings to the working group. This effort informed the final framework, the components of which are listed below.	
Long-Term Plan Task	Summary of Progress
1. Identifying and mapping trash generating areas	<p>City staff reviewed the preliminary Trash Generation Map provided by the Program and divided the map into manageable sections for field verification and ground-truthing activities. Environmental Compliance Inspection staff was deployed to these areas in June and July 2013 to conduct these field reviews. The field reviews focused mainly on areas of the map indicating high (red) and medium (yellow) trash generation rates and areas designated as low (green) that may be known to have more trash, based on individual knowledge and field experience. Staff developed and utilized a checklist to evaluate designated areas and walked the areas in teams of two to verify the visible trash impact in the area based on field verification criteria. After independently documenting findings, field staff teams would analyze findings and either confirmed that areas are properly designated or reclassified areas on the map based on in-field findings. This was conducted in 64 designated areas with 110 separate evaluations. Additionally, input and field knowledge was gathered from the City's wastewater collection system staff and citywide enforcement staff. Based on this input and field verifications, staff determined the following changes to the Trash Generation Map and adjusted it accordingly:</p> <p><u>Higher Trash Generation:</u></p> <ul style="list-style-type: none"> • High to Very High (1 Area) • Medium & High to High (10 Areas) • Medium to Very High (1 Area) • Medium to High (7 Areas) • Medium & Low to Medium (1 Area) • Low to High (2 Areas) • Low to Medium (2 Areas) <p><u>Lower Trash Generation:</u></p> <ul style="list-style-type: none"> • High to Medium (5 Areas) • Medium to Low (2 Areas) • Medium & Low to Low (1 Area) <p>These adjustments have been incorporated into the City of Sunnyvale Draft Trash Management Areas Map included at the end of Section 10 of this report. The City will continue field verification work in 2013-2014 and</p>

	will continue make adjustments to the map accordingly.
2. Identifying trash sources (as necessary or feasible) to assist in selecting trash management actions	During the field verification process, staff identified and documented trash types and sources in the survey areas. Common trash types observed included beverage containers, grocery bags, polystyrene foam, paper, metal, other miscellaneous trash, food wrappers, and food waste and construction debris. Observed trash sources included moving vehicles; parked cars; uncovered loads; restaurants; convenience stores; liquor stores; bus stops; overflowing or uncovered receptacles or dumpsters; dispersal of household trash and recyclables before, during and after collection; illegal dumping on land; homeless encampments; lodging establishments; construction sites; commercial businesses; and gas stations. These findings will assist in strategically targeting actions to specific sources such as restaurants, bus stops, retail areas, or construction sites. This information including distinguishing characteristics and potential sources of trash for each of the preliminary trash management areas is included in the Preliminary Trash Management Areas Table included at the end of Section 10 of this report. Staff will continue to refine and document key information about the trash management areas as field work continues in preparation of the Long Term Trash Load Reduction Plan.
3. Prioritizing trash generating areas and associated types of trash problems	With information obtained from the field verification effort that is described above, prioritization of trash generation areas is underway and will continue into FY 2013-2014. It is anticipated that the City will have ten to 20 Trash Management Areas in the proposed Long Term Trash Load Reduction Plan. The City has an initial list of approximately 13-14 priority trash management areas (see Preliminary Draft Trash Management Areas Table at the end of Section 10 of this report) that will continue to be reviewed and refined in the upcoming months.
4. Identifying and selecting trash management actions for specific management areas	<p>The City is currently evaluating potential trash management actions to be implemented in the priority trash management areas. Potential actions under consideration include but are not limited to:</p> <ul style="list-style-type: none"> • Full-Capture Trash Devices • Enhanced Education and Enforcement • Improved Trash Bin/Container Management • Partial-Capture Trash Devices • Increased Street Sweeping Frequency • "Enhanced" Street Sweeping with Parking Enforcement • On-land Trash Cleanups <p>The Preliminary Trash Management Areas Table included at the end of Section 10 of this report lists potential trash management actions that are being considered in each of the initial trash management areas. The City is evaluating cost and effectiveness of these potential actions and will include additional information about the proposed actions in the Long Term Trash Load Reduction Plan.</p>

<p>5. Defining the type of assessment(s) that will be used to demonstrate progress towards goals</p>	<p>The City has been working with the Program and BASMAA to identify and define appropriate assessment methodologies for demonstrating progress towards trash reduction goals. The City supported BASSMA's recently executed Prop 84 grant, "Tracking California's Trash," and will continue to participate and support the development assessment methodologies via that grant.</p> <p>In July 2013, the City in conjunction with BASMAA and 8 city/county partners, applied for EPA grant funding to pilot trash reduction activities and evaluate relative effectiveness compared to full capture devices. The primary objectives of the Trash Free Streets project are to:</p> <ol style="list-style-type: none"> 1) Implement effective new and innovative stormwater trash management actions in high trash generating areas that will significantly reduce trash in local water bodies; and 2) Fill critical information gaps on the effectiveness and costs of implementing trash management actions to inform the selection of cost effective and sustainable actions by Bay Area cities and counties. <p>BASMAA and 8 city and county partners would select a sample of high trash-generating areas where a variety of trash control measures would be implemented and robustly tested to document the effectiveness and implementation costs. Actions that would be funded through the grant include source controls that have a high likelihood of reducing trash in stormwater to an equivalent level as full capture devices. Source controls selected for this project complement other types of trash management actions currently being implemented by Bay Area municipalities. The innovative trash source controls that would be implemented through the Trash Free Streets project include:</p> <ul style="list-style-type: none"> • Developing and implementing outreach, engagement, capacity building, and enforcement programs focused on business areas that are high trash generating. • Installing cost-effective and innovative public trash containers and implementing programs to identify and improve the management of private trash bins/enclosures in high trash generating areas. • Conducting on-land and water body cleanups in high trash accumulating areas, in coordination with local stakeholders and businesses. • Increasing the frequency and efficiency of street sweeping and installing curb inlet trash screening devices in high priority areas. <p>Sunnyvale's participation would focus on the Trash Management Area identified as Catchment 47. As previously described, the City is in the engineering and design stage for construction of a full trash capture device for this area (approximately 268 acres). This device will be installed by September 30, 2014. As proposed in the grant application, this area would serve as one of the Trash Free Streets pilot areas. Trash captured through the full trash capture device will provide a baseline for observed and captured trash in the area. After a determined period of time, specific trash management actions would be implemented and an evaluation would be conducted to determine the level of trash reduction and the effectiveness of chosen actions. Results from the project will inform the City's prioritization of trash management actions and implementation of the Long Term Trash Load Reduction Plan.</p>
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	<p>As of this report writing, BASMAA was informed that the Trash Free Streets Project was not selected to continue in the EPA's competitive grant project. The grant partners, along with the City, will be reviewing opportunities for other funding.</p> <p>Additionally, through our participation in SCVURPPP, we are currently developing a countywide pilot trash assessment strategy and work plan. The pilot strategy will address the need to demonstrate progress in the near-term, while recognizing the fact that method development and testing is needed to achieve confidence in conclusions about trash reduction. The pilot strategy may include the testing of a number of trash assessment methods, including</p> <ul style="list-style-type: none">• Visual assessments of trash conditions on-land;• Trash full capture device operation/maintenance verification;• Condition assessments in receiving waters; and,• Documenting and assessing control measure implementation. <p>The pilot strategy will be included as a supplement to our Long-Term Trash Load Reduction Plan, which will be submitted to the Water Board by February 1, 2014. The City may also choose to supplement the pilot strategy with City specific assessment strategies. The pilot strategy will be implemented in coordination with the three-year Tracking California's Trash grant-funded project, which was awarded to BASMAA by the State Board. A number of trash monitoring and assessment methods will be tested through the project which will assist the City in developing a robust set of indicators for demonstrating progress toward trash reduction goals.</p>
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C.10.d ► Summary of Trash Reduction Actions				
<p>For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.</p>				
Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Trash Management Area Specific Actions				
Full-Capture Treatment Devices	Continued Pre-MRP Actions:			
	Starting in 2003, the City has approved installation of 90 large full-trash capture devices (e.g., vortex-separator and continuous deflection-type devices) that treat stormwater from parking lots of new and redevelopment projects. City staff inspects these units on a regular basis for compliance with their stormwater management plans. Of the 90, 24 are currently under construction and 66 have been constructed. The total estimated acreage treated by full-capture treatment devices in private developments is 116.33 with an additional 80.83 acres of full capture treatment under construction.	See City of Sunnyvale Draft Full Trash Capture Map included at the end of Section 10 of this report.	All sources	All trash types
New/Enhanced Post-MRP Actions Initiated/Planned:				
	A total of 79 trash full-capture treatment devices (Storm Tek, AS-2 inlet screens) were installed in the City as of February 26, 2013. Routine maintenance occurs on the units between July and October each year. Each unit is cleaned no less than once per year and, depending on results, may be monitored and cleaned more frequently throughout the year. The total estimated acreage treated by the 79 full-trash capture treatment devices in the public right of way is 119.03 acres.	See City of Sunnyvale Draft Full Trash Capture Map included at the end of Section 10 of this report.		

	<p>As part of the City's Mathilda Bridge Rehabilitation Project, the City installed two large full trash capture devices that treat 10.65 acres.</p> <p>The City is currently in the engineering and design stage for the construction of two new large full-trash capture devices (CDS units). Once constructed, the devices will treat stormwater runoff in Trash Management Area 1 as identified on the City of Sunnyvale Draft Trash Management Areas Map (Catchment 47 and Catchment 27). The estimated total area treated in Catchment 47 and Catchment 27 will be 268 acres and 436 acres, respectively. Construction of the devices is anticipated to be completed by September 30, 2014.</p>			
<p>Street Sweeping</p>	<p>Continued Pre-MRP Actions:</p> <p>The City street sweeping program includes sweeping nearly all streets every other week and sweeping industrial, commercial, retail and residential areas twice per month, with downtown areas swept once per week. Parking enforcement signs are posted most arterial roads throughout the City.</p> <p>The City provides street sweeping in the Murphy Avenue Business Improvement District core area bounded by Frances Street, Evelyn Avenue, Sunnyvale Avenue, and Washington Avenue. Sweeping and litter pick up services are provided three times per week, and a street cleaning unit for sidewalks is also used weekly. Adjacent city-owned parking lots in this area are part of a special Parking District, and are swept three times per week.</p> <p>New/Enhanced Post-MRP Actions Initiated/Planned:</p> <p>The City is considering implementation of enhanced street sweeping, either by increasing frequency or with parking enforcement, as a measure utilized in specific trash management areas as part of the long term trash management efforts.</p>	<p>Because the street sweeping program covers all City streets, these areas are not shown on the map.</p>	<p>All Sources</p>	<p>All trash types</p>

On-land Trash Cleanups	Continued Pre-MRP Actions: The City implemented minimal on-land cleanup activities prior to the effective date of the MRP. The actions listed below are considered new or enhanced actions because they began after the effective date of the MRP.	See City of Sunnyvale Draft Full Trash Capture Map included at the end of Section 10 of this report.	All Sources	All trash types
	New/Enhanced Post-MRP Actions Initiated/Planned: The City initiated the on-land trash cleanups listed below. These on-land cleanups constitute enhanced actions and will be conducted or coordinated each year and the volume of trash removed will be tracked to demonstrate trash loads reduced. <ul style="list-style-type: none"> – Sponsored the “Knock out Litter” event held by local faith-based groups and a youth boxing club. The event cleaned 3.5 square miles and yielded 1,160 pounds of litter and debris. – Conducted an event for the “Great American Litter Pickup.” This was a collaborative event organized by the City and conducted by volunteers. Approximately 3 square miles were cleaned. The City is considering conducting on-land cleanups in specific trash management areas as part of the long term trash management efforts.			
Partial-Capture Treatment Devices	Continued Pre-MRP Actions: N/A	ARS units have been installed in combination with a portion of the installed full trash capture inlet screens and have not been separately mapped.	Pedestrian litter, vehicles, inadequate container management, illegal dumping	All trash types
	New/Enhanced Post-MRP Actions Initiated/Planned: The City has installed 40 partial-capture treatment devices (West Coast Storm, WCS-2 Automatic Retractable Screens) as of August 18, 2011. The devices were installed in conjunction with full-capture treatment devices. Routine maintenance occurs on the units between July and October each year. Each unit is cleaned no less than once per year and, depending on inspection results, may be cleaned more frequently throughout the year. The City is considering additional partial-capture treatment devices in specific trash management areas as part of the long term trash			

	management efforts.			
Activities to Reduce Trash from Uncovered Loads	Continued Pre-MRP Actions: N/A			
	<p>New/Enhanced Post-MRP Actions Initiated/Planned:</p> <p>The City has prescriptive language in municipal contracts for debris and garbage haulers. Per requirements of the contract, haulers are required to have collection vehicles that have water-tight bodies and are required to place tarps over all open debris boxes during transport to the disposal site.</p> <p>The City revised SMC 8.16 (Solid Waste Management and Recycling) of the City's Municipal Code to implement the following enhanced control measures, effective December 1, 2011.</p> <p>SMC 8.16.190 Vehicles, conveyances, and containers - Applicable Regulations has been amended to include:</p> <p>(a) All vehicles, conveyances, or containers used for hauling solid waste within the City shall be of such construction as to comply with all laws, rules, and regulations of the state of California pertaining thereto, and shall be of a type and construction to prevent leakage, spillage, or overflow. This ordinance is intended to implement the requirements of Vehicle Code section 23114 or its successor statute; and</p> <p>(b) Any operator of an open bed truck hauling waste and recyclables for disposal at the SMaRT Station will be subject to a fee for which the operator will receive a tarp to be used for covering debris and solid waste.</p> <p>The ordinance revisions reinforce State of California requirements for municipal trash haulers to cover loads and establish a fee for uncovered loads delivering materials to the SMaRT station. A required payment of a fee for a tarp, if a load is uncovered, is enforced at the SMaRT station. The fee as established by resolution of the City Council for the truck tarp is currently set at \$15.00. (See Appendix 10-1 for municipal code language.)</p> <p>Beginning December 2011, the City began implementing the</p>	Unable to map areas affected by these actions at this time.	Vehicles	All trash types

	<p>uncovered loads ordinance and selling tarps at the SMaRT Station to vehicles that were not in compliance. Between July 1, 2012 and June 30, 2013, the City sold 163 tarps. The average compliance rate between July 2012 and June 2013 was 99.4% based on 26,955 transactions.</p>			
<p>Improved Trash Bins/Container Management</p>	<p>Continued Pre-MRP Actions:</p> <p>Solid Waste Division staff continues to enforce the requirements of SMC 8.16.040 and 8.16.050 to ensure that businesses and households have sufficient trash collection frequencies and that the trash bins/containers are of an adequate size to hold the quantity of trash generated to prevent unintended releases of trash. The City will continue to include language in the contract with its franchised waste hauler to allow City staff to go out with drivers on their routes and identify problematic properties. The contract also includes requirements for ensuring container lids are properly closed after emptying and for cleaning up litter in the vicinity of any solid waste storage bins.</p> <p>Solid Waste Program staff will continue with follow up and enforcement with property owners where bin sizing, placement, collection frequency, and failures to comply with municipal code are noted.</p>	<p>Unable to map areas affected by these actions at this time.</p>	<p>Inadequate container management</p>	<p>All trash types</p>
	<p>New/Enhanced Post-MRP Actions Initiated/Planned:</p> <p>The City has been an active participant in the Santa Clara County Zero Litter Initiative (ZLI) and on the ZLI Steering Committee. In October 2012 and January 2013, the ZLI convened two roundtable sessions that brought together local water quality program administrators, solid waste program administrators, and solid waste collection and facility operators. Through these roundtable sessions, the participants identified a collection of focus areas where tools can be developed and implemented in order to reduce trash/litter that results from the collection and disposal/recycling of municipal solid waste. Tools will be developed in FY 13-14 for the following:</p> <ul style="list-style-type: none"> • Improved training for solid waste drivers and facility staff; • Identified improvements to solid waste service parameters 	<p>Unable to map areas affected by these actions at this time.</p>		

	<p>and operations that result in "right sizing" of solid waste containers to minimize over-flowing trash;</p> <ul style="list-style-type: none"> • Development of set of contract language best practices that enforce cleanup of trash that escapes during collection or processing of solid waste; • Targeted public education for commercial and multi-family properties where shared trash enclosures are often littered and dirty. <p>Once these tools are developed the City will implement as appropriate as part of long term trash management efforts.</p>			
<p>Creek, Channel, Shoreline Cleanups</p>	<p>Continued Pre-MRP Actions:</p> <p>The City conducted the following creek/channel/shoreline cleanups listed below.</p> <ul style="list-style-type: none"> - National River Clean Up Day This was a three hour (9 am – 12 pm) collaborative event organized by the City and completed with volunteer support. Approximately 3.5 miles were cleaned during the event yielding 1000 pounds of trash and 30 pounds of recyclables. - Coastal Clean Up Day This was a three hour (9 am – 12 pm) collaborative event organized by the City and completed with volunteer support on the third Saturday of September. Approximately 3.3 miles of slough/channel were cleaned during the event. Approximately 1,860 pounds of trash and 290 pounds of recyclables were collected. The City has sponsored cleanup sites for these events since 2008, and will continue to do so in the future. 	<p>See City of Sunnyvale Draft Full Trash Capture Map included at the end of Section 10 of this report.</p>	<p>Pedestrian litter, vehicles, illegal dumping</p>	<p>Expanded polystyrene, cigarette butts, plastic bags and bottles,</p>
	<p>New/Enhanced Post-MRP Actions Initiated/Planned:</p> <ul style="list-style-type: none"> - "Hot Spot" Clean Ups City staff has performed the five trash hot spot clean up actions required in accordance with provision C.10.b (see section C.10.b) since May 2010. The hot spot clean ups will continue to occur through the course of this permit. <p>The City is considering additional clean ups in specific trash management areas as part of the long term trash management efforts.</p>			

Area/Jurisdictional-wide Actions				
Single-Use Carryout Bag Policies	Continued Pre-MRP Actions: N/A			
	New/Enhanced Post-MRP Actions Initiated/Planned: The City adopted an ordinance prohibiting the distribution of single-use plastic carryout bags on December 13, 2011 (SMC 5.38 - Plastic Carryout Bags). Phase 1 of SMC 5.38 includes the following criteria and applied to the following retail establishments beginning June 20, 2012: <ul style="list-style-type: none"> ○ Full-line self-service retail store with gross annual sales of two million dollars or more that sells a line of dry grocery, canned goods or non-food items and some perishable items; ○ Store of at least 10,000 square feet of retail space that sells any perishable or non-perishable goods, including but not limited to: clothing, food, or personal items and generates sales or use tax; or ○ Drug store, pharmacy, supermarket, grocery store, convenience food store, food mart or other entity engaged in the retail sale of a limited line of goods that includes milk, bread, soda, and snack foods, including those stores with a Type 20 or 21 license issued by the Department of Alcoholic Beverage Control. ○ None of these retail establishments shall provide any customer a plastic carry-out bag for groceries at the point of sale. The ordinance does not apply to plastic produce bags or product bags. ○ Store shall make only recyclable paper bags or reusable bags (as defined) available for the purpose of carrying away goods or other materials from the point of sale. Stores that provide customers with a recyclable paper carry-out bag must charge the customer \$0.10 per bag, with stores indicating on the customer receipt the number of bags provided and total amount charged. After January 1, 2014, the charge to customers will go up to \$0.25 per bag. Stores may not reimburse customers for any portion of the cost of a bag. [This requirement was recently changed. See later discussion.] 	Jurisdiction-wide	Pedestrian litter, vehicles, retail and convenience stores, inadequate container management	Single-Use Plastic Bags

	<ul style="list-style-type: none"> ○ Stores must provide at the point of sale, free of charge either reusable bags or paper carryout bags or both (at the store's option) to any customer participating in the California Special Supplemental Food Program for Women, Infants, and Children, pursuant to specific chapters within the Health and Safety Code. [This requirement was recently changed. See later discussion.] ○ The ordinance does not apply to charitable organizations that reuse and recycle donated goods or materials and receive more than fifty percent of revenues from the handling and sale of those donated goods or materials. <p>On March 20, 2013, Phase 2 of the ordinance was implemented and the applicability of the ordinance expanded to include all establishments under the following criteria:</p> <ul style="list-style-type: none"> ○ Store of less than 10,000 square feet of retail space that sells any perishable or non-perishable goods including, but not limited to, clothing, food, or personal items, and generates sales or use tax pursuant to the Bradley-Burns Uniform Local Sales and Use Tax Law. <p>The City monitored the effectiveness of the ordinance by requiring stores to report on a quarterly basis to the Environmental Services Department on the number of bags sold, the amount of monies collected, and any efforts the store has taken to promote the use of reusable bags by customers. If reports are not received, then enforcement measures as outlined in SMC 5.38.080 (Enforcement and violation penalty) will be implemented and the store will be subject to fines as described in that chapter. The Director of the Environmental Services Department or his/her designee is responsible for enforcing the requirements of SMC 5.38. This includes investigating violations, issuing fines, and entering any store during business hours. Written warning notices may be issued for violations of the ordinance, with penalties payable by the operator of the store to the Solid Waste Management Fund, to assist with the costs of implementing and enforcing the requirements of the chapter. (See Appendix 10-2 for official Municipal Code citation language)</p> <p>The City conducted robust outreach to implement Phase 1 of the ordinance.</p>			
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	<p>The City implemented Phase 2 of the plastic bag ordinance on March 20, 2013. Leading up to the implementation of Phase 2, the City conducted additional outreach. In December 2012, trilingual notification letter went out to retailers. Reminder postcards were sent out to Phase 2 stores in advance of Phase 2 implementation date with a link to online quarterly reporting tool. The City also translated the "Bring Your Bag" poster into Chinese and Spanish and distributed to 5 local stores. Staff audited 75 Phase 1 and Phase 2 stores for compliance. Only one letter of non-compliance was issued after verbal warnings, and behavior was promptly corrected. No fines have been levied. Staff found that a few stores have been giving out reusable bags that do not exactly meet the definition in the ordinance and those have been addressed one by one to encourage compliance. Online quarterly reporting was enabled for retailers, and 64 reports were submitted using that method out of 233 total during FY12-13. Staff has found that obtaining reports has been challenging both for some of the large stores and smaller ones, and many have been exempted as using no bags.</p> <p>The City has continued public outreach and educational efforts to encourage the use of reusable bags by residents through its website and other printed media. Enhancements and additional outreach efforts to educate the public, with a focus on making behavioral changes will continue to be implemented to. The City continues to work directly with retail establishments to provide low-cost reusable bags, assisting with signage to remind patrons to bring their own bags, and encourage the use of free or low-cost media options to promote reusable bag usage.</p> <p>On August 20, 2013, the City Council took actions to amend the ordinance based on implementation experience to make the ordinance more effective. Two key changes would keep the paper bag charge at \$0.10 and not increase it to \$0.25 in 2014, and adding a \$0.10 charge for reusable bags. The quarterly reporting requirement was replaced with the requirement that stores keep records on the numbers of paper and reusable bags provided and the monies collected for each, plus the number of bags given away with no charge under the exemption for WIC and food stamp recipients. Records would be maintained for 3 years from the date of purchase and provided to the City upon request. These</p>			
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	<p>changes would become effective thirty days after final adoption by the City Council.</p>			
<p>Polystyrene Foam Food Service Ware Policies</p>	<p>Continued Pre-MRP Actions:</p> <p>The City's Environmental Procurement Policy (EPP) requires staff to consider the long-term environmental impacts of purchasing any materials, products, or services, and specifically requires the use of non-Expanded Polystyrene (EPS) alternatives for cups and food service items. The policy prohibits the purchase and use of EPS food service ware at City-sponsored events and on City-owned property. City Solid Waste Division staff review applications for City event permits and include requirements to follow the City's EPP Policy. Enforcement of the policy is done by the Solid Waste Division.</p> <hr/> <p>New/Enhanced Post-MRP Actions Initiated/Planned:</p> <p>The City of Sunnyvale has been studying the issue and impacts of foam food and beverage containers on the environment. Included in the study was the option of an ordinance banning the use of foam containers by food vendors. At the December 18, 2012 City Council meeting, Council voted 7-0 to support development of an ordinance.</p> <p>The vote supported drafting an ordinance that would include:</p> <ol style="list-style-type: none"> 1. Implementation of a ban on the use of expanded polystyrene food containers by retail food establishments after due diligence (and no less than six months from adoption of the ordinance), 2. Codifying the city's existing practice of no EPS food container use as part of city business, and 3. Establishing a ban on all commercial sales of EPS food containers within two years from adoption of the ordinance (and after the appropriate due diligence). <p>The ordinance will make it unlawful for food service vendors to distribute foam food or beverage take-out containers. Examples of products that will be prohibited include: plates, cups, bowls, lids, trays, hinged containers and lidded containers. The ordinance</p>	<p>Jurisdiction-wide</p>	<p>Pedestrian litter, food service establishments</p>	<p>Expanded polystyrene foodware</p>

	<p>exempts pre-packaged foods, such as eggs and meat sold in retail stores. Take-out containers still allowed for use would include non-foam plastics, aluminum, paper and containers that are compostable. As recommended by the Sustainability Commission, the proposal also includes an eventual ban on retail sales of EPS food containers at stores in Sunnyvale.</p> <p>The formal consideration of the ordinance is expected to occur on October 22, 2013.</p>			
<p>Public Education and Outreach Programs</p>	<p>Continued Pre-MRP Actions:</p> <p>The City has implemented and continues to implement an extensive and comprehensive public education and outreach control measures. Please refer to the information included in section C.7 of this report, with some key efforts summarized below.</p> <p><i>Watershed Watch Campaign (Countywide)</i> In addition to the BASMAA Campaign, the City will continue to implement the countywide Watershed Watch Campaign through active participation and funding of the Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP). This Campaign conducts media advertising that includes anti-litter messages. Anti-litter advertisements for television, print, transit and radio have been developed and are used each year and will continue in the future. A telephone survey is conducted every five years to measure the effectiveness of outreach and increase in awareness about litter and stormwater related messaging. The FY 12-13 Watershed Watch media advertising included 312 anti-littering advertisements on TV, radio and online media. The Campaign also conducted outreach at a community event to promote the BASMAA "Be the Street" anti-littering campaign.</p> <p><i>Outreach to School-age Children or Youth through ZunZun (Countywide)</i> Through participation and funding of the SCVURPPP countywide ZunZun Program, the City is continuing to implement litter reduction outreach to elementary school-age children. Up to 50 ZunZun assemblies at elementary schools are conducted in the Santa Clara Valley each year. These bilingual musical assemblies educate elementary school students and their teachers on</p>	<p>Jurisdiction-wide</p>	<p>All trash sources</p>	<p>All trash types</p>

	<p>watersheds and urban runoff pollution prevention, including litter. ZunZun performances use physical comedy, audience participation and musical instruments to educate teachers and children. Handouts, including teacher and student activity sheets, are distributed following the assembly.</p> <p>The SCVURPPP Schools and Youth Education and Outreach Work Group provides a list of schools for ZunZun to contact. In addition to schools with high Hispanic populations, the list includes schools with high Asian/Pacific Islander populations.</p> <p>ZunZun assemblies are evaluated using postage-paid evaluation cards that are distributed to all teachers present at the performances. Teachers mail the completed evaluation cards to SCVURPPP, and results are compiled by SCVURPPP staff. Based on the teacher feedback, changes are made to future assemblies and/or handouts. During FY 12-13, ZunZun conducted 49 assemblies at 27 elementary schools in ten cities. In addition, two assemblies were conducted at the Pumpkins in the Park event, and one at the Water Wizards event for the general public. The assemblies reached approximately 15,632 students and their teachers in grades K-6.</p> <p><i>BASMAA Regional Media Relations Project (Regional)</i> Through participation and funding of the BASMAA Regional Media Relations Project, the City is continuing to implement a media relations project partially designed to reduce littering from target audiences in the Bay Area. The goal of the BASMAA Media Relations Project is to generate media coverage that encourages individuals to adopt behavior changes to prevent water pollution, including littering. At least two press releases or PSAs focus on litter issues each year (e.g., creek clean-up activities, preventing litter by using reusable containers, etc.). In FY 12-13, the Media Relations project developed a press release new and recent bag bans in cities around the region. The pitch included information on the litter caused by plastic bags. Information ran on KBAY, KCBS and on eight Bay Area Patch.com sites.</p> <p>New/Enhanced Post-MRP Actions Initiated/Planned:</p> <p>In addition to the control measures continued post-MRP adoption,</p>			
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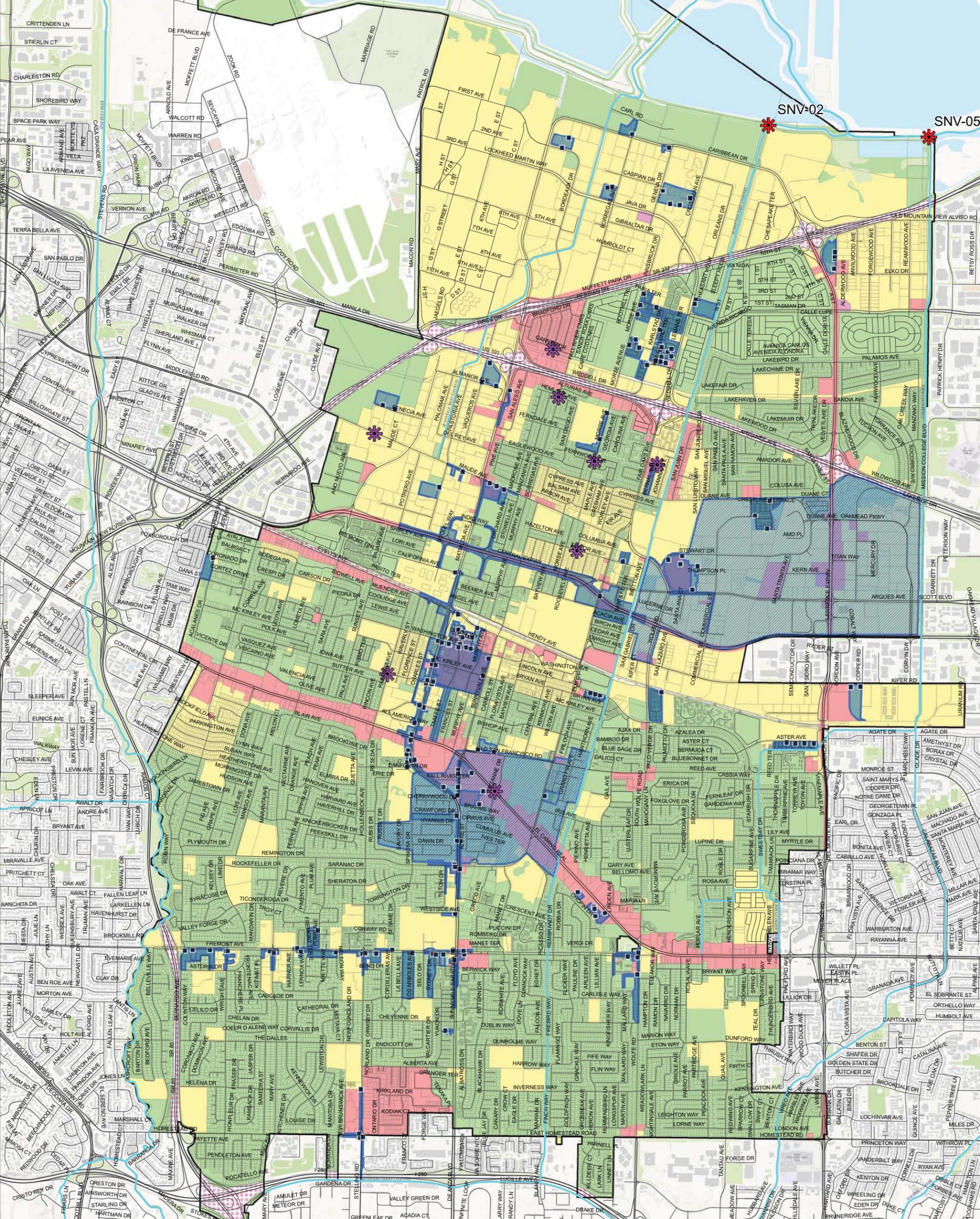
	<p>the City is currently implementing or planning to implement the following public education and outreach control measures that were initiated after the MRP was adopted.</p> <p><i>Litter Reduction Advertising Campaign(s)</i> <i>BASMAA Youth Outreach Campaign (Regional)</i></p> <p>Through participation and funding of the regional BASMAA Youth Outreach Campaign, the City is implementing an outreach campaign designed to reduce littering from the target audience in the Bay Area. The Youth Outreach Campaign was launched in September 2011 and aims to increase the awareness of Bay Area Youth (ages 16-24) on litter and stormwater pollution issues, and eventually change their littering behaviors. Combining the ideas of Community Based Social Marketing with traditional advertising, the Youth Campaign aims to engage youth to enable the peer-to-peer distribution of Campaign messages. The Campaign will at least run through FY 13-14. A brief description of the Campaign activities is provided below:</p> <ul style="list-style-type: none"> • <u>Raising Awareness</u>: The Campaign is raising awareness of the target audience on litter and stormwater pollution issues. Partnerships with youth commissions, high schools, and other youth focused organizations have been developed to reach the target audience. Messages targeted to youth have been created and distributed via paid advertising, email marketing, Campaign website and social networking sites (e.g., Facebook and Twitter). • <u>Engage the Youth</u> - The advertisements encourage the audience to participate in the Youth Campaign by joining a Facebook page, entering a contest, taking an online quiz, etc., and providing their contact information. At the beginning of FY 12-13, a video contest was launched to get Bay Area youth further involved in the Campaign. An online voting system was used to select the winning entry. Media advertising was conducted to promote the winning entry. • <u>Change Behaviors</u>: To move the audience along the behavior change continuum, the Campaign is using electronic platforms such as email marketing and social 			
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	<p>networking sites to encourage participants to engage in increasingly more difficult behavior changes, such as participating in a clean-up, organizing a clean-up, etc.</p> <ul style="list-style-type: none"> • <u>Maintain Engagement</u>: The Campaign continues to interact with the target audience through email marketing and social media websites. <p>The Youth Campaign includes a pre and post campaign survey to evaluate the effectiveness of outreach. The pre-campaign survey was conducted in FY 11-12 and the post campaign survey will begin in FY 13-14. Other evaluation mechanisms, such as website hits, number of youth engaged in the Campaign's social networking website, etc. are also being used to evaluate its effectiveness in increasing awareness and changing behavior.</p> <p>Activities in FY 12-13 included maintaining the website www.BetheStreet.org, Facebook page, and Instagram account. A video contest asking participants to submit their best anti-litter video was also conducted. The Be the Street campaign received 52 entries in response to the contest. The winning video was promoted on television, Pandora (online music site), YouTube, Google, and Facebook. The Watershed Watch Campaign promoted the winning video on KNTV. Highlights of FY 12-13 Be the Street activities are below:</p> <ul style="list-style-type: none"> • The website received 15,431 total visits and 10,040 unique visitors. • The Facebook page received 1,062 new fans, resulting in a total of 1,468 fans. There were a total of 2,048 total interactions (includes likes, comments, shares and responses to poll questions). • The contest resulted in 52 video entries. The online voting resulted in a total of 4,844 votes being cast. • Media advertising results - Using the winning video, Be the Street launched a regional ad buy on Pandora, Facebook, and KTVU, resulting in approximately 6.5 million impressions from target demographic of 14-24 year olds in the Bay Area. Media advertising results are summarized below: <ul style="list-style-type: none"> ○ Television advertising - The winning video ran 12 times in June and July 2013 on KTV Fox. The video also ran on 			
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	<p>KTVU online 273 times.</p> <ul style="list-style-type: none"> o Facebook advertising - Advertisements promoting the Be the Street Facebook page were placed in August 2012, September 2012, March 2013, May 2013, and June 2013. Overall, the advertisements received 5,733,573 impressions and 2,173 "click-throughs". The advertisements also resulted in 917 additional likes on the Be the Street Facebook page. o Pandora - The placement of the winning video on Pandora resulted in 371,919 impressions and 13,143 "click-throughs". The 3.82% click through rate on the Pandora advertisement is significantly above the industry standard of 1.2%. <p>The City has supported the campaign by hosting a Be the Street event locally, working at SCVURPPP's event at Mission College, and promoting the Be the Street website and the video contest through the City's communications channels. In addition, the City has provided feedback on content and design of the campaign.</p> <p>As previously discussed, the City has been an active participant in the Santa Clara County Zero Litter Initiative (ZLI) and on the ZLI Steering Committee. Staff is actively supporting committees that are developing tools and materials that can be used to educate property owners and property managers to reduce trash/litter that emanates from shared trash enclosure areas and shared dumpsters. Tools and materials will be developed in FY 13-14. Once these tools and materials are developed the City will implement as appropriate as part of long term trash management efforts.</p> <p>The City is considering implementation of a targeted education and enforcement program in specific trash management areas as part of the long term trash management efforts.</p>			
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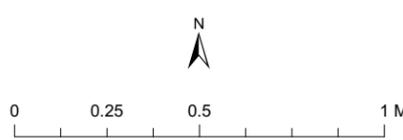
City of Sunnyvale DRAFT Full Trash Capture Map

 SNV-03
 SNV-04
 SNV-01
 SNV-02
 SNV-05



Legend

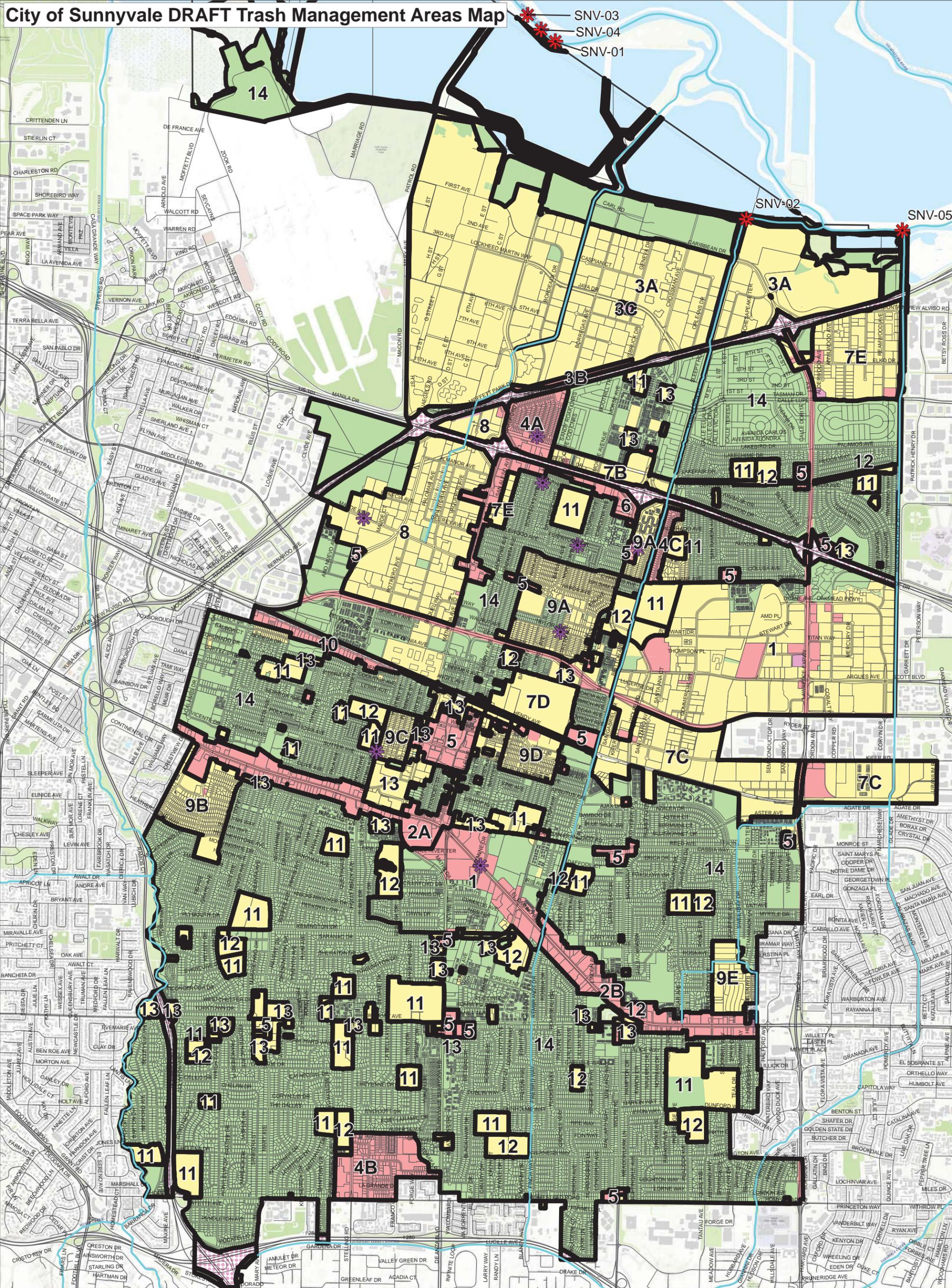
Trash Generation Category	 On-Land Trash Cleanup	 Streets
 Low	 Creek/Shoreline Hotspot	 Agency Boundary
 Medium	 Full-Capture Location	 Creeks
 High	 Full Trash Capture	 Parcel Boundary
 Very High	 Planned Full Trash Capture	
	 Non-Jurisdictional (Dot color = Generation Category)	



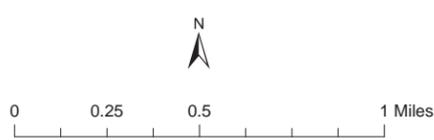
Data Sources:
 Roads: Santa Clara County
 City Boundaries: Santa Clara County
 Background: ESRI World Topographic Map
Map Created By:
 EOA, Inc.
Date:
 August 26th, 2013

City of Sunnyvale DRAFT Trash Management Areas Map

- * SNV-03
- * SNV-04
- * SNV-01



Legend	
■ Low	* On-Land Trash Cleanup
■ Medium	* Creek/Shoreline Hotspot
■ High	□ Trash Management Area
■ Very High	□ Non-Jurisdictional (Dot color = Generation Category)
— Streets	— Agency Boundary
— Creeks	□ Parcel Boundary



Data Sources:
 Roads: Santa Clara County
 City Boundaries: Santa Clara County
 Background: ESRI World Topographic Map

Map Created By:
 EOA, Inc.

Date:
 August 26th, 2013

Preliminary Trash Management Areas Table

Permittee Name: City of Sunnyvale

Primary Management Area	Secondary Management	AREA Description	Potential Trash Control Measures Under Consideration			Comments
			1	2	3	
1		C47 and C27; Downtown Town Center Areas that have high concentrations of food service and retail businesses that will be/are treated with full trash capture	Full-Capture Treatment Devices			RED
2	A-B	EL Camino (minus C47) High concentration of retail businesses	Enhanced Education and Enforcement	Street Sweeping - increase frequency	Partial-Capture Treatment Devices	RED
3	A	High Tech Industrial North of 237 Mostly high tech office parks, some light industrial activity	Enhanced Education and Enforcement	Full-Capture Treatment Devices		YELLOW
3	B	Moffett Park Road/237 red strip high traffic area and/or trash from waste collection vehicles traveling to SMaRT Station	Activities to Reduce Trash from Uncovered Loads	On-land Trash Cleanups		RED
3	C	Java Dr complex Food service center that serves neighboring high tech office parks	Enhanced Education and Enforcement	Partial-Capture Treatment Devices		PURPLE
4	A	High Density Res w/some commercial (north red pockets)	Street Sweeping - with parking enforcement	Enhanced Education and Enforcement	On-land Trash Cleanups	RED
4	B	High Density Res w/some commercial (south red pockets)	Street Sweeping - with parking enforcement	Enhanced Education and Enforcement	On-land Trash Cleanups	RED
4	C	San Juan	Enhanced Education and Enforcement	Street Sweeping		RED
5		Island Retail and Food Service Retail and Food Service establishments that are scattered in other areas of the City and not in another trash management area	Enhanced Education and Enforcement	Improved Trash Bins/Container Management		RED
6		Awhanee Loop Sound wall that collects wind blown trash, illegal dumping, retail/grocery, hotels, homeless	Enhanced Education and Enforcement	On-land Trash Cleanups	Street Sweeping - with parking enforcement	RED
10		West Evelyn Automotive industries and railroad fence line that captures litter and windblown trash	Enhanced Education and Enforcement	On-land Trash Cleanups	Partial-Capture Treatment Devices	RED
7	A	The Woods (South of 237) Collection of industrial facilities and machine shops	Enhanced Education and Enforcement	Street Sweeping - increase frequency	Partial-Capture Treatment Devices	YELLOW
7	B	Weddell Dr Collection of industrial facilities and machine shops	Enhanced Education and Enforcement	Street Sweeping - increase frequency	Partial-Capture Treatment Devices	YELLOW
7	C	Kifer Arm Collection of industrial facilities and machine shops	Enhanced Education and Enforcement	Street Sweeping - increase frequency	Partial-Capture Treatment Devices	YELLOW
7	D	Northrop Grumman Large industrial facility	Enhanced Education and Enforcement	Full-Capture Treatment Devices		YELLOW
7	E	San Aleso Light industrial facilities	Enhanced Education and Enforcement	Street Sweeping - increase frequency	Partial-Capture Treatment Devices	YELLOW
8		Mary Ave (west side) Concentration of business parks (high tech)	Enhanced Education and Enforcement			YELLOW
12		Parks Parks that are located throughout City	Improved Trash Bins/Container Management	On-land Trash Cleanups		YELLOW
13		Island office/commercial Industrial or commercial establishments that are scattered in other areas of the City and not in another trash management area	Enhanced Education and Enforcement			YELLOW
11		Schools and Churches Schools and churches that are located throughout City	Enhanced Education and Enforcement	On-land Trash Cleanups	Other	YELLOW For public schools in City: Potential partnership with State
9	A-E	High Density Residential scattered yellow pockets (includes Brookfield Ave, Pastoria Ave, Bryan Ave, Duane/Arques areas, and mobile home park)	Street Sweeping - increase frequency	Enhanced Education and Enforcement		YELLOW Reassess areas for potential conversion to green
14		Remaining areas of City	Other	Full-Capture Treatment Devices		GREEN Jurisdiction-wide control measures such as product bans, public education, etc. Limited full trash capture devices

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).

SCVURPPP's Watershed Watch Campaign conducts advertising to promote proper disposal of fluorescent lamps and other household hazardous waste. The fluorescent lamps disposal locations and thermometer take-back events are promoted on the Watershed Watch website. See Section 11 Mercury Controls of SCVURPPP's Annual Report.

In addition, the City completed the following activities:

- Promotion: The City website has a plethora on information on HHW recycling options at Recycling.inSunnyvale.com. In addition, the City provided outreach to residents on proper mercury-containing product disposal via: bi-monthly events (February to November) at the Farmer's Market, newsletter articles, utility bill inserts, flyers, health & safety fairs, and other outreach events. See Section C.7 for complete details of outreach activities promoting mercury-containing product recycling.
- Program Services: The City continues financial support of the Santa Clara County Household Hazardous Waste collection program through the Solid Waste Division. In addition, the City provides the program with a facility for local household hazardous waste drop-off events.

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.

HHW events are held the third Saturday of the month (January to November) in the City. Data on quantities of mercury containing products collected by the County HHW program are provided to SCVURPPP for reporting on a countywide basis. The City held two mercury thermometer exchange events during FY 2012-2013. A total of 73 mercury thermometers were collected at the events and sent to County HHW for proper disposal.

The City also collected the following mercury-containing products at the SMaRT Station® Recycling Center from residents of the cities of Sunnyvale, Mountain View, and Palo Alto:

Mercury Containing Device/Equipment	Total Amount of Devices Collected
4-ft Lamps	10,916
8-ft Lamps	889
ARC Lamps	9
Circular Lamps	399
Compax Lamps	9,582
Crushed Lamps	17 lbs
HID Lamps	51 lbs
Mercury (Lbs. includes Thermostats and Thermometers)	13 lbs

The City continues to collect and recycle mercury-containing products generated by city-owned facilities and operations (e.g., fluorescent/HID lamps, mercury switches).

Please refer to SCVURPPP's FY 2012-2013 Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in SCVURPPP's area.

- 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 SCVURPPP's FY 2012-2013 Annual Report and/or the BASMAA Regional POC Report.

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 2012-2013 SCVURPPP Annual Report for a description of training provided countywide and/or regionally. City staff presented training at the SCVURPPP Industrial and Commercial Inspector Stormwater Training held April 23, 2013 regarding identifying and reporting PCBs during industrial commercial inspections. The City includes PCB identification, including documentation and referral to appropriate regulatory agencies as part of every Industrial Commercial Stormwater Inspection performed. During the reporting year, there were no PCBs identified or reported. Please refer to section C4 for more information on Industrial and Commercial Inspections.

- 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 SCVURPPP's FY 2012-2013 Annual Report and/or the BASMAA Regional POC Report.

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 again noncompliance

SCVURPPP developed a brochure titled "Requirements for Copper Roofs and Other Architectural Copper," which is available at the City's One Stop Permit counter. The brochure contains BMPs to educate installers and operators in preventing prohibited discharges during installation and post construction maintenance activities. Sunnyvale Municipal Code section 12.60.230 gives the City authority to require minimum Best Management Practices as appropriate to prevent pollutant sources from entering the city's storm drain collection system that have a reasonable potential to contribute to pollution of stormwater runoff. Sunnyvale Municipal Code section 12.60.075 prohibits wastewater discharges to the storm drain containing copper or copper-based chemicals, including discharges of wastewater generated during the installation, cleaning, treating, and washing of copper architectural features, including copper roofs. The City has authority to enforce against discharge violations resulting from the cleaning and treating of copper architectural features, and relies on identifying these potential discharges through complaint based notification.

C.13.a.iii.(3) ▶ Evaluation of Effectiveness

(FY 12-13 Annual Report) Evaluate the effectiveness of measures the agency has undertaken to prevent discharge of wastewater to storm drains during the installation, cleaning, treating, and washing of the surface of copper architectural features. The discussion of the effectiveness of these measures should include BMP implementation and may propose additional measures to address this source of pollutants.

Best Management Practices are contained in a brochure titled "Requirements for Copper Roofs and Other Architectural Copper," which is available at the City's One Stop Permit counter. The City has authority to enforce against discharge violations resulting from the cleaning and treating of copper architectural features, and relies on identifying these potential discharges through complaint based notification. There have been no complaints regarding illegal discharges from cleaning and treating copper architectural features.

C.13.c ▶ Vehicle Brake Pads	<p>Reported in a separate regional report.</p> <p>A summary of the Program's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of SCVURPPP's FY 2012-2013 Annual Report and/or the BASMAA Regional POC Report.</p>
C.13.c.iii ▶ Water Quality Issues Associated with Automobile Brake Pads	<p><i>(FY 12-13 Annual Report Only)</i> – Assess status of copper water quality issues associated with automobile brake pads and recommend brake-pad related actions for inclusion in subsequent permits if needed.</p> <p>An assessment of copper water quality issues associated with automobile brake pads and recommend brake-pad related actions for inclusion in subsequent permits is included within the C.13 Copper Controls section of SCVURPPP's FY 2012-2013 Annual Report and/or the BASMAA Regional POC Report.</p>
C.13.d.iii ▶ Industrial Sources Copper Reduction Results	<p>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.</p> <p>Summary</p> <ul style="list-style-type: none"> – The City has identified facilities likely to use or have sources of copper and has included them in our business inspection plans. The City identified 13 Industrial Users (IUs) classified under 40CFR 433 as Metal Finishers as potential contributing sources of copper. These IUs are inspected, at a minimum, annually under the Pretreatment Program. Other Permitted Significant Industrial Users are also inspected annually and include inspection procedures to identify potential copper sources, mainly from roof runoff sources. The potential commercial contributors of copper to the sanitary sewer system include automotive service facilities, building materials, building trades / yards, electronic, laboratory, machine shop, vehicle salvage, metal / other recyclers, printers and food service facilities. These commercial business categories are inspected by the City's Environmental Compliance inspectors a minimum of once every three years. – In FY 2012-2013, 625 stormwater inspections were conducted at the facilities identified in the above mentioned categories. Any violations were responded to consistent with the City's Enforcement Response Plan. The number of facilities inspected in various business categories is summarized below: <ul style="list-style-type: none"> ○ Automotive 112 ○ Building Materials 7 ○ Building Trades/Yards 8 ○ Electronic 12 ○ Food Service 413 ○ Laboratories 7 ○ Machine Shops 6 ○ Permitted SIUs 60 – In April 2013, inspectors were trained on industrial facilities likely to use copper or have sources of copper and proper BMPs for them. – The City has educational BMP material available for distribution to the above-listed commercial business identified as potential sources of copper. The materials include information on ensuring proper BMPs are in place to minimize discharge of copper to storm drains, including consideration of roof runoff that might accumulate copper deposits from ventilation systems. The BMP material is distributed as needed during

inspections to the above mentioned categories of facilities.

C.13.e ► Studies to Reduce Copper Pollutant Impact Uncertainties

Report on progress of studies being conducted countywide or regionally to reduce copper pollutant impact uncertainties. State below if information is reported in a separate regional report.

Summary

A summary of program and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of SCVURPPP's FY 2012-2013 Annual Report and/or BASMAA Regional POC Report.

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

C.14.a ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls

Report on progress of studies being conducted countywide or regionally to characterize the distribution and pathways of PBDEs, legacy pesticides, and selenium. State below if information is reported in a separate regional report.

Summary

A summary of program and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

C.14.a.v. ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls – Load Computation

(For FY 12-13 Annual Report only) Submit a report with information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay.

Summary

Information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

C.14.a.vi. ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls – Control Measures

(For FY 12-13 Annual Report only) Submit a report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff.

Summary

A report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

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 No , skip to C.15.b.vi.(2):			
If Yes , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.			
Comments: The reported planned potable water discharges are for those discharges >15,000 gallons. Discharges ≤15,000 gallons are in the “Low Impact Potable Water Releases” conditionally exempt category described in the Program’s FY11-12 Annual Report. For the Low Impact Potable Water Releases category, the City implemented appropriate BMPs, collected discharge data and performed verification monitoring of 5 % of discharges, as described in the Program’s FY 11-12 Annual Report. <ul style="list-style-type: none"> – Refer to Attachment 15-1 for Reporting Table C.15.b.iii.(1) Planned Discharges of the Potable Water System. This table includes a column for flow rate in gallons/minute in addition to the required gallons/day column. – Refer to Attachment 15-2 for Reporting Table C.15.b.iii.(2) Unplanned Discharges of the Potable Water System. 			
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: <ul style="list-style-type: none"> • 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 promotes the measures listed above in the following ways: <ul style="list-style-type: none"> – The City conducts outreach for water conservation, less-toxic pest control and landscape management; promotes the use of drought tolerant and native vegetation and encourages appropriate irrigation practices in various ways: <ul style="list-style-type: none"> • Community events and workshops • Tabling at the Farmers Market and Health and Safety Fairs • Tours of the Water Pollution Control Plant • Classroom presentations • For details, see section C.7 of this report. 			

- The City promotes conservation and provides information and outreach through:
 - Community meetings
 - Quarterly newsletters
 - Electronic newsletters
 - Facebook postings
 - Various calendar listings
 - Utility bill inserts
 - Flyers
 - Direct outreach at public and private (e.g., businesses or speaker's bureau) events. For details, see section C.7 of this report.
- The City has developed multiple web pages dedicated to:
 - Environmental outreach (wpcp.inSunnyvale.com)
 - Water conservation (WaterConservation.inSunnyvale.com)
 - Environmental sustainability (Green.inSunnyvale.com)
- In cooperation with SCVURPPP, the City conducts outreach to residents and businesses for less-toxic pest control options and appropriate irrigation practices. See the Watershed Watch Campaign in the C.7 Public Information and Outreach section. Also, see the BASMAA IPM Store Partnership Program information and Green Gardener Training programs in the C.9 Pesticide Toxicity Control Section of the SCVURPPP's FY 2012-2013 Annual Report. City-specific outreach information and messages are included in section C.7 of this report.
- See section C.9.h.vi of this report for more detailed information on the City's support of the Green Gardener training program and the Integrated Pest Management, water conservation, and irrigation practices that are included in it.
- In April 2010, the City adopted a Water-Efficient Landscape Ordinance to meet the requirements of the State Department of Water Resources (DWR) model ordinance to meet a 20% reduction in water usage. The City's requirement exceeds that of the DWR model by applying requirements to a smaller lot size threshold and placing a limit on turf areas (not to exceed 25% of non-turf areas) or requiring implementation of a water-budget approach to design landscapes. See Chapter 19.12 of the Sunnyvale Municipal Code for the complete ordinance. The ordinance promotes the use of drought-tolerant vegetation, of which many varieties are natives. The City continued with the implementation of these requirements in FY 2012-2013.
- The City actively promotes and provides outreach to residents and businesses through water conservation programs and rebates administered by the Santa Clara Valley Water District. Programs include:
 - Landscape Rebates- Eligibility requirements include lawn replacement with California native and drought tolerant landscaping.
 - Irrigation Equipment Upgrade Rebates- Eligibility requirements include the requirement to install low water using equipment and pressure compensating and check valves.
- The City has partnered with the Bay Area Water Supply and Conservation Agency (BAWSCA) for over five years to provide a landscape education series that focus on:
 - Drought tolerant and low water use plants
 - Water efficient, edible landscaping

- Turf replacement
 - Efficient irrigation technologies
 - California native plants
 - Hands-on model landscape
- During FY 2012-2013, the City hosted 8 classes that were attended by 152 individuals. At each class, informational handouts are provided including many BASMAA materials such as the various "Less Toxic Pest Management" fact sheets and less toxic products pocket guides.
- The City implements the Illicit Discharge Enforcement Response Plan from C.5.b for ongoing, large-volume, landscape irrigation runoff. In particular, if the runoff contains sediment, or is causing erosion, enforcement is conducted. There were no reports of or responses to large-volume landscape irrigation discharges during the reporting period.

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System				Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ⁶³ (NTU)	Implemented BMPs & Corrective Actions
Refer to Appendix 15-1 – Planned Discharges of the Potable Water System										

⁶³ Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System ⁶⁴														
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) ⁶⁵	pH (standard units) ⁵²	Discharge Turbidity (Visual) ⁵² .	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁶⁶	Inspector arrival time	Responding crew arrival time
Refer to Appendix 15-2 – Unplanned Discharges of the Potable Water System														
*The Unplanned discharge on 10/1/2012 had a chlorine residual of 1.18 mg/L and was not reported to the Water Board.														

⁶⁴ This table contains all of the unplanned discharges that occurred in this FY.

⁶⁵ 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.

⁶⁶ 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.

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FY 2012-2013 Annual Report
Permittee Name: City of Sunnyvale

Section 4
Provision C.4 Industrial and Commercial Site Controls

Appendix 4-1: C.4.b.iii (1) Potential Facilities List
Sunnyvale Commercial Database: List of Facilities for Inspection Plan

**Appendix 4-1: C.4.b.iii.(1) ► Potential Facilities List
FY 2012-2013 Annual Report**

Company Name	Street Number	Street Name
A & H AUTO WRECKER	295	Commercial Street
A & J Product Solutions	1245	Birchwood Dr.
a slice of New York	1253	W. ElCamino
A&A PLUMBING	924	Fremont Ave. E.
A-1 Machine MFG, Inc.	1127	Sonora Ct.
A-1 Performance	771	Mathilda Avenue North
AAA Speedy Smog	135	Wolfe Road N.
AAMCO Transmission #25037	968	Evelyn Avenue West
ABC DRY CLEAN	641	Bernardo Ave.
Access Options Incorporated	1253	Birchwood Dr.
Acellent Technologies	835	Stewart Dr.
ACT (Advanced Chemical Transport)	1210	Elko Dr.
Acta Pharmacal Co.	380	Pastoria Avenue North
Active Auto Body	1281	Forgewood Dr.
Adamsons Wood Fired Oven French Dip	806	W El Camino
ADDS Pharmaceuticals LLC	1278	Reamwood Ave.
Advanced Auto Repair	912	Evelyn Avenue West
Advanced Graphics & Circuits	1270	Lawrence Station Rd.
Advanced Micro Devices	1	AMD Place
Advanced Micro Devices (FASL, LLC.) Cafeteria	991	Stewart Drive
Aeroflex / Metelics	975	Stewart Drive
AFGHANI HOUSE RESTAURANT	1103	El Camino Real E.
Agape Grill	845	Stewart
Air Maze Services	933	Kifer Rd.
Aixtron Genus, Inc.	1139	Karlstad Dr.
AL-CON AUTOMOTIVE	279	Fair Oaks Dr. N.
ALLEGRIA	233	Weddell Drive
Allvia, Inc.	657	Pastoria Avenue North
Alpha & Omega Semiconductor	475	Oakmead Parkway
Alphagraphics	1294	Anvilwood Avenue
Alta Devices, Inc.	545	Oakmead Parkway
American European Auto Clinic	105	Maude Avenue East
AMERICAN PEPTIDE	777	Evelyn Avenue E.
AMPRO PLASTIC PRODUCTS	1228	Alderwood Avenue
Ananda Bhavan	920	E. Arques
Anchor Auto Body and Frame	1028	Evelyn Avenue West
Andhra Bhavan Indian Cuisine	151	El Camino Read E.
Angela's Dry Cleaning	110	Fremont Avenue E.
Angela's Residential Home Care	578	Mathilda Avenue North
Apple, Inc.	985	Almanor Ave.
Applied Chemical Laboratories, Inc.	526	Almanor Avenue
Applied Chemical Labs, Inc.	526	Almanor Avenue

Company Name	Street Number	Street Name
Applied Materials, Inc.	974	Arques Avenue East
Applied Materials, Inc. Arques Café	974	Arques Avenue East
Applied Micro	215	Moffett Park
Aptus Endosystems	777	Pastoria Avenue North
Aqua Enterprise Pool Service	1012	Bluebonnet Dr.
Aqua Metrology Systems	1225	E. Arques Ave
ARA AUTOMATED FINISHING	1286	Anvilwood Avenue
ARBOR VITA CORPORATION	722	Lucerne Dr.
Arby's	601	Bernardo Avenue S.
ARCO AM/PM SILICON MINIMART	860	Fremont Avenue W.
Ariake Sushi Boat	759	El Camino Real E.
Arka	725	S. Fair Oaks Ave
ARMADILLO WILLY'S BBQ	161	El Camino Real E.
Armenian Gourmet	929	Duane Avenue E.
ARMSTRONG TECHNOLOGY INC	1271	Anvilwood Avenue
ARROYO ANIMAL CLINIC	1211	Sycamore Tree
Art Institute of California - Sunnyvale	1120	Kifer Road
Art Stange Foreign & Domestic Car Service	822	Evelyn Avenue West
ARTIST WORKSHOP	627	Taylor Ave. E.
ARVI MANUFACTURING CO	1256	Birchwood Dr.
ASHRON Construction and Restoration	1109	N. Fair Oaks Ave.
Asia Village Restaurant	747	Wolfe Road S.
Assay Biotechnology Company	1276	Hammerwood
Asteria Grill	507	Ross Drive
AT & T West Corp Yard	1188	Evelyn Avenue West
Athidhi Indian Cuisine	727	Wolfe Road S.
Atria Senior Living Group	175	E Remington Dr
Auto Champs	771	Mathilda Avenue North
Auto Collision Experts	908	Arques Ave.
AUTO TECHNICA	665	El Camino Real E.
Avantec Vascular Corp.	605	West California
Avantis Medical Systems	263	Santa Ana Court
Avion Research Company	265	Sobrante Way
B2 Perfection Body Shop	150	Wolfe Road
Back Care Specialists	505	Pastoria Avenue South
Bagel Place Café	546	Lawrence Expwy
Bagel Street Café	348	Maude Avenue West
Balaji Bhavan Vegetarian Restaurant	685	East El Camino Real
Bambu Desserts & Drinks	190	S. Frances St
Baraka Market	952	W. El Camino
BARN THAI	921	Duane Avenue E.
Bawarchi Indian Non Vegetarian	1165	Reed Ave.
Bay Area Geotechnical Group (BAGG)	847	Maude Avenue West
Bay Area Light Works - Storage Yard	1148	Sonora Ct.
Bay Graphics (Intermedia Productions)	1190	Miraloma Way

Company Name	Street Number	Street Name
Bay Leaf	122	Sunnyvale Avenue S.
BAY MICROFILM (BMI)	1115	Arques Avenue E.
Bay Sushi Japanese Restaurant	1647	Hollenbeck Road
Bayer Healthcare (Diabetes Div.)	510	Oakmead Parkway
Bayshore 76- Fair Oaks Auto Repair	801	Fair Oaks Avenue N.
BEAN SCENE GOURMET COFFEE & TEA, THE	186	Murphy Ave. S.
BELL PLAZA CHIROPRACTIC	1052	El Camino Real E.
Bella's Bar & Grill	1111	Elko Dr.
Belmont Village Assisted Living	1039	E. El Camino Real
Bengali Sweets Café	783	E. El Camino Real
Berkeley Farms	1276	Reamwood
Beryl's Place Deli	1250	Oakmead Parkway
BETTER BENTO	550	Lakeside Drive
BETTY BRITE CLEANERS	631	Grape Ave.
Bharat Bazar Market	1165	Reed Ave.
Bhavika's Food-to-Go	1053	El Camino Real E.
Bibimbowl	414	Mary Avenue North
Bistro Mozart	168	Murphy Ave. S.
Black Angus	740	El Camino Real E.
Bloom energy	1252	Orleans Dr.
Bloom Energy		Moffett Field
Blue Bonnet Sports Bar	208	Fair Oaks Avenue S.
BMB MOTORS	1297	El Camino Real W.
BOB'S AUTO SUPPLY	124	Carroll Street
Bogarts	1209	Wildwood Avenue
Bon Chon	572	El Camino Real E.
Bon Suisse, Inc.	1276	Reamwood
BORG TECHNICAL SERVICES	1240	Mt. View-Alviso Rd.
Boudin SF #446	701	Sunnyvale - Saratoga Road
BOWERS CHIROPRACTIC	660	Bernardo Ave. S.
Brass Rail	160	Persian Drive
BREAD BASKET DELI	135	Wolfe Road N.
BRITISH & EUROPEAN	683	El Camino Real E.
Bubble Wash	696	El Camino Real West
Burger King #10957	773	Mathilda Avenue North
C.J. Olson Cherries	348	El Camino Real West
CAFE MELANGE	1200	Crossman Avenue
Calculated Machining Inc.	1134	Aster Ave.
Calderon Tire Service Inc	205	Washington Ave E.
CALSTONE COMPANY	1155	Aster Avenue
Cal-West Specialty Coatings	1058	Evelyn Avenue West
CAM HUNG	903	Reed Avenue
Cambrios	930	E. Arques Ave.
Cameron Veterinary Hospital	1285	Mary Ave.

Company Name	Street Number	Street Name
Carlos Dental Lab	584	Mathilda Avenue South
Carl's Jr.	1195	El Camino Real W.
Carl's Jr.	1051	El Camino Real E.
CARRIAGE CLEANERS	115	Fremont Avenue E.
Casa Lupe	691	Bernardo Avenue S.
Cedar Crest Nursing and Rehabilitation Center	797	Fremont Avenue E.
Century Link - Savvis (aka Qwest)	1400	Kifer
Cepheid	632	Caribbean Dr.
Cepheid	1315	Chesapeake Terrace
Cephied	904	Caribbean Drive
Chaat Bhavan	976	E. El Camino Real
Chaat House	939	El Camino Real W.
Chaat House	889	El Camino Real E.
Chaats & Currys	520	Lawrence Expy
Chavez Supermarket	666	Fair Oaks Ave.
Cheetahs Gentlemen's Club	907	E. Arques Ave
Chef Young's Restaurant	494	Mathilda Avenue North
Chef Yu	163	Murphy Ave. S.
CHELOKABABI	1236	Wolfe Road S.
CHERRY CHASE PET HOSPITAL	1297	El Camino Real W.
CHEVRON	1265	Lawrence Station Road
Chevron, The Car Spa, Inc.	1097	Duane Ave. E.
Chic Alterations and Cleaners	1111	W. El Camino
China Wok	1211	S. Mary
Chipolte's #279	324	El Camino Real West
Chiropractic Care	990	W. Fremont
Chiropractic Care	520	Lawrence Expy.
City of Sunnyvale Corporation Yard	221	Commercial Street
City of Sunnyvale Golf Course Cart Maintenance	605	Macara Avenue
City of Sunnyvale Golf Course Maintenance Facility	1003	Maude Avenue West
City of Sunnyvale Golf Course Snack Shack	605	Macara Avenue
City of Sunnyvale Landfill	600	Caribbean Drive
City of Sunnyvale Municipal Tennis Center	755	Mathilda Avenue South
Clarita's Filipino Cuisine	905	Duane Avenue E.
Club La Ronda	927	Duane Ave. East
COALESCENT SURGICAL, INC	559	Weddell Dr. E.
Coco's Family Restaurant	1209	Oakmead Parkway
COFFEE & MORE	100	Murphy Ave. S.
Coherent	1220	Midas Way
COLD STONE CREAMERY	757	El Camino Real E.
COLLISION AUTO REPAIR	277	Fair Oaks Ave. N.
Columbia Middle School	739	Morse Avenue
Complete Genomics	750	Pastoria Avenue North
CONTINENTAL MOTOR WORKS	665	El Camino Real E.
Cosmopolitan Catering	649	S. Bernardo Ave.

Company Name	Street Number	Street Name
COSTCO	150	Lawrence Station Road
COUNTRY GOURMET	1314	Mary Avenue S.
Country Inn and Suites	1300	Chesapeake Terrace
Covidien	540	Oakmead Parkway
CPC Scientific	1245	Reamwood Ave
CVS/Pharmacy	576	El Camino Real E.
CVS/Pharmacy	1675	Hollenbeck Road
Cybustek, Inc.	1286	Kifer
Daily Donuts	110	Sunnyvale Ave. S
Daily Donuts & Sandwiches	505	Pastoria Avenue South
Daily Donuts and Bagels	708	Caliente Dr.
Dairy Belle Freeze #17	1323	Sunnyvale-Saratoga Road
Da-Les Auto Body	728	San Aleso Avenue
Daniel's B&M Cars	848	Evelyn Avenue West
Dannicks Auto Care	135	Wolfe Road. N.
Dastgah Firestone	135	Wolfe Road
Dayton Automotive / Peninsula Transmission	1155	Reed Ave
DE ANZA MANUFACTURING	1271	Reamwood Ave.
DE ANZA SQUARE CLEANERS	1358	Mary Ave. S.
DEL MONTE RESTAURANT	100	Murphy Ave. S.
Denny's Restaurant #7217	311	Mathilda Avenue South
Denny's Restaurant #7218	814	Ahwanee Avenue
Diagnostics for the Real World, Ltd.	840	Del Rey Avenue
DIAGNOSTICS UNLIMITED	135	Wolfe Road N.
Dim Sum King	824	W. ElCamino
Dionex Corporation Building 1	1228	Titan Way
Dionex Corporation Building 10	1214	Oakmead Parkway
Dionex Corporation Building 2	445	Lakeside Drive
Dionex Corporation Building 5	527	Lakeside Drive
Dionex Corporation Building 5 Cafeteria	527	Lakeside Drive
Dionex Corporation Building 8	541	Lakeside Drive
Dish Dash	190	Murphy Avenue S.
Dish n Dash	736	Mathilda Avenue North
Domain Hotel	1085	El Camino Real
Domino's Pizza	992	El Camino Real W.
Domino's Pizza	615	Caliente Drive
Don and Jon's Automotive	1080	El Camino Real E.
Donuts & Sandwiches	311	N. FairOaks Ave
Dosa N Biryani	250	E. Java
Dr. Burrito	266	E. Java
Dryclean Best	605	El Camino Real E.
DT Auto Service Inc. (ARCO)	1040	Sunnyvale-Saratoga
ebr Systems	686	Maude Avenue West
ECONOMY AUTO REPAIR	1170	Willow Ave.
EL CAMINITO MEXICAN RESTAURANT	510	El Camino Real E.

Company Name	Street Number	Street Name
El Carbonero Restaurant.	911	E. Duane
El Cerrito Taqueria	120	Persian Drive
EL POLLO LOCO	996	El Camino Real W.
ELC VETERINARY CLINIC	832	Fremont Ave. E.
Elephant Express	302	Fair Oaks Ave. N.
EME Technologies, Inc.	224	N. Wolfe
Enterprise Rent-A-Car #2302	680	El Camino Real West
Enterprise Rental Cars	815	El Camino Real E.
Epicor	240	Santa Ana Court
ERC CONCEPTS	1255	Birchwood Dr.
ERIK'S DELI/CAFE	717	El Camino Real E.
EUROPEAN AUTO REPAIR & SERVICE	1170	Willow Ave.
European Auto Works	629	Mathilda Avenue North
EUROPEAN CAR REPAIR & SVC	275	Fair Oaks Drive N.
Events of Excellence Catering	745	Wolfe Road S.
EXACT MACHINING INC.	1134	Aster Ave.
EXPRESS CLEANERS	510	Lawrence Expy.
Express Dental R	265	Sobrante Way
EZ SMOG	1170	Willow Ave.
F & M AUTO	975	El Camino Real W.
F&S Autobody and Painting	675	El Camino Real E.
FAIR OAKS 76 - Bestech	603	Old San Francisco Road
Fair Oaks Chevron (gas & car wash)	296	Fair Oaks Avenue
Fair Oaks Smog Check	698	N. Fair Oaks
Falafel Bite	1500	Lawrence Expwy
Famous Food Restaurant	872	Old San Francisco Road
Faultline Brewing Company	1235	Oakmead Parkway
FAZ RESTAURANT & BAR	1108	Mathilda Avenue N.
FCC Collision Centers	904	E. Arques
FEDERAL EXPRESS	1286	Lawrence Station Road
Fenders Collision Center	438	Maude Avenue West
FERRIS CHIROPRACTIC OFFICE	519	Murphy Ave. S.
FIBBAR MAGEE'S	156	Murphy Ave. S.
Fire House Grill and Brewery	111	South Murphy Avenue
Firestone Tire and Service Center	922	El Camino W.
First Auto Services	205	Wahington Ave. E
First Wok	653	S. Bernardo Ave.
Fifth Avenue \$1.75 Cleaners	251	S. Mary Ave
Five Guys	116	E. El Camino Real
FOUR D METAL FINISHING, INC.	620	Taylor Avenue East
Freeslate	415	Oakmead Parkway
Fremont High School Automotive Classroom	1279	Sunnyvale-Saratoga Road
Fremont High School Cafeteria	1279	Sunnyvale-Saratoga Road
Fremont High School Science Building	1279	Sunnyvale-Saratoga Road
Fremont Shell Gas Station	1300	Sunnyvale-Saratoga Road

Company Name	Street Number	Street Name
Fremont U.H.S. District Central Kitchen	589	Fremont Avenue
Fremont Unified High School District	589	Fremont Avenue West
Fresh and Easy Neighborhood Market #1319	1180	Fair Oaks Avenue North
Fresh U Order Bagels - Bakery Café	500	Lawrence
FROGDISEIGN	1327	Chesapeake Terrace
Fujitsu	1250	Arques Avenue E.
Full Moon Biosystems	754	Pastoria Avenue North
Fysh, DC	990	Fremont Avenue W.
GARCIA'S TAQUERIA	738	Fair Oaks Ave. S.
George's Fuel & Auto Repair	996	Evelyn Avenue West
German Motor Specialist	380	San Aleso Avenue
Ginger Café	398	El Camino West
Giovanni's Pizzeria	1127	Lawrence Expressway
Glo USA, Inc.	1225	Bordeaux
Gobi Mongolian BBQ	1135	Tasman Dr.
Godinez Tires	283	Fair Oaks Avenue N.
Golden West Collision Centers	970	Evelyn Avenue West
GOLFLAND USA	855	El Camino Real E.
Gombeï Bento	511	Borregas Avenue
GOOSE MANUFACTURING	1253	Birchwood Dr.
Grand Hotel	865	El Camino Real W.
Great Vegi Land	562	Murphy S.
Green Smog Check (UMIT Inc.)	1073	E. El Camino Real
Griffin Upholstery	1062	El Camino Real E.
Guadalajara Market	827	Borregas Avenue
GUMBA'S ITALIAN RESTAURANT	176	Murphy Avenue S.
H. Butler's BBQ	568	El Camino Real E.
Habit Burger Grill	146	El Camino Real West
HACIENDA CLEANERS	793	El Camino Real E.
Hanamaru	675	Bernardo Avenue S.
Hangar 2 Impulse Portable Kitchen		Moffett Field
Hank Auto Repair	771	Mathilda Avenue North
HANKOOK Super Deli	1092	El Camino Real E.
Hard Roc Concrete	691	Mathilda Avenue North
HARDY'S BAVARIA	111	Evelyn Avenue W.
HCR Manor Care	1150	Tilton Drive
HENDY AUTO REPAIR	111	Sunnyvale Avenue N.
HEPCO INC	150	San Lazaro Ave.
Hertz Local Edition	510	El Camino Real E
HIRSH MACHINE INC	164	Commercial St.
HISTORIC DEL MONTE BUILDING	100	Murphy Ave. S.
Hobee's California Restaurants #7	800	Ahwanee Avenue
Hologic Corp	1240	Elko Dr.
HOME DEPOT	680	Kifer Rd.
Homi Japanese Ramen	1133	N. Lawrence Expy

Company Name	Street Number	Street Name
Hondacraft	906	Evelyn Avenue West
Honeyberry's	1661	Hollenbeck Road
Honeywell	1349	Moffett Park Drive
Hot Breads	464	El Camino Real E.
House of Bagels	1681	Hollenbeck Road
House of Kabobs	161	South Murphy Street
House of Pho	1066	E. El Camino Real
HP Palm SV 01 Cafeteria	950	Maude Avenue West
HU, DR. HANK	749	Fremont Ave. W.
Hybrid Commercial Printing	1010	W. El Camino Real
I Do Smog	771	Mathilda Avenue North
I.N.S. Photo Studio	605	El Camino Real E.
iBagels	266	E. Java Dr.
IDEC	1213	Elko Dr.
iL Postale	127	Washington Street W.
Indian Cash and Carry Deli Department	1032	E. El Camino Real
Infinera Corporation	1322	Bordeaux Drive
Infuse Sushi Burger & Bar	1217	Wildwood
Inko International Corporation	695	Vaqueros Avenue
Inko International Corporation	716	Pastoria Avenue North
IN-N-OUT BURGER	604	El Camino Real E.
Innovalight, Inc.	965	Arques Avenue East
INPRINTZ	924	Borregas Ave.
INTEC RESEARCH CO	568	Weddell Dr.
Intuitive Surgical	1266	Kifer
Intuitive Surgical -commercial	1250	Kifer
Intuity Medical	350	Potrero Avenue
Island 295 Café	295	E. Washington
Ivy and Truman Auto #2	499	Mathilda Avenue North
J & L Auto Repair	1038	Evelyn Avenue West
J & L EDM	1190	Miraloma Wy.
J S MOTORS	1164	Willow Ave.
Jack in the Box	813	El Camino Real W.
JAKE'S OF SUNNYVALE	174	Fremont Ave. E.
JAMBA JUICE	797	El Camino Real E.
Jamba Juice #391	415	Mary Avenue North
JAMES MACHINING SERVICE CO	1012	Morse Ave.
JANG TU SOONDAE RESTAURANT	1012	El Camino Real E.
JAPANESE BEETLE	928	El Camino Real E.
Java Cleaners	256	Java
Java Sushi	262	Java Drive
JC AUTO REPAIR	1062	El Camino Real E.
JIFFY LUBE #295	999	El Camino Real W.
JOHN LINCOLN CO.	172	Commercial St.
JOHNSTON PROTOTYPE	1122	Aster Ave.

Company Name	Street Number	Street Name
Jomin's Café and Bake Shop	907	E. Duane
JSR Micro, Inc.	1260	Mathilda Ave. N.
Kabob Afghan and Persian Cuisine	604	S. Mary Ave.
Kabuki Palace Night Club	1102	Evelyn Avenue West
Kabul	833	El Camino Real W.
Kaiser Permanente	1263	E. Arques
Kaloci & Son	810	Evelyn Avenue West
Kals's Bar-B-Q	425	Mathilda Avenue North
Kaluah Kennels	689	Mathilda Avenue North
KAMET Manufacturing Solutions	171	Commercial St.
KAMET Manufacturing Solutions	155	Commercial St.
Katana Sushi & Sake	411	East El Camino Real
KENTUCKY FRIED CHICKEN	1065	El Camino Real E.
Kentucky Fried Chicken #159	340	Maude Avenue West
Kentucky Fried Chicken & Taco Bell	1695	Hollenbeck Road
King Wah	219	Washington Ave. E.
KING'S SEAFOOD CENTER INC	425	El Camino Real E.
KM Techni Glass	1111	Elko Dr.
KOMALA VILAS RESTAURANT	1020	El Camino Real E.
KRYTAR	1288	Anvilwood Avenue
K's Crepes & Café	126	E. Fremont Ave
Kuehne Construction	933	Kifer Road
Kuykendall's Auto Body & Frame	1024	Evelyn Avenue West
Kwality Sweets' n Food	1036	E. El Camino Real
La Miche	1107	El Camino Real W.
LAB-PRO INC	1290	Anvilwood Court
LAKEWOOD SHELL	1101	Lawrence Expy. N.
LAMEK INDUSTRIAL CORPORATION	1254	Birchwood Dr.
Lanser, Wend DC	990	Fremont Avenue W.
LANSER, WENDY	990	Fremont Ave. W.
LARRY HOPKINS HONDA	1048	El Camino Real W.
Las Islitas Taqueria	848	East Evelyn Avenue
Las Palmas Grill - City Kabob	755	Mathilda Avenue South
Lawrence Expy Smog Center/Santa Clara Super Gas	295	Lawrence
LAZER TOUCH	1039	Kiel Ct.
Le Boulanger	1080	Enterprise Way
Le Boulanger	305	Mathilda Avenue North
Lee's Sandwiches	939	W. El Camino
LEFCO INC	698	Taylor Ave. E.
LensVector, Inc	675	Palomar Avenue
Le's Auto Repair	912	Evelyn Avenue West
LESLIE'S POOL SUPPLY	569	El Camino Real E.
Lilly Mac's	187	S. Murphy Av
Lin - Zhi International	670	Almanor Avenue
Lion & Compass	1023	Fair Oaks Avenue N.

Company Name	Street Number	Street Name
Little Caesar's Pizza #5044	1039	Sunnyvale-Saratoga Road
Little India Café	415	Maude Avenue West
Little Michoacan	305	North Fair Oaks Avenue
LMMS	1111	Lockheed Martin Way
LMMS GES	1111	Lockheed Martin Way
Local Comfort - food truck	1146	Sonora Ct. Parking Lot
Lockheed 157	1111	Lockheed Way
Lockheed 182	1111	Lockheed Way
Lockheed Martin Corp.Groundwater Extraction	1235	Elko Dr.
LONGHORN CHARCOAL PIT	102	Fremont Avenue E.
LOZANO AUTO SERVICE	934	El Camino Real W.
LOZANO'S CAR WASH	610	Grape Avenue
Lucky Foods (Save Mart #780)	484	Mathilda Avenue North
LUX MANUFACTURING, INC.	151	San Lazaro Ave.
MAACO Auto Body	1042	Evelyn Avenue West
Madhuban Indian Cuisine	544	Lawrence Expressway
MADRAS CAFÉ, INC.	1177	El Camino Real W.
Madura Veg Indian Cuisine	1635	Hollenbeck Avenue
Madurai Idli Kadai	744	S. Wolfe Rd.
MAGIC WOK	734	Wolfe Road S.
Magnolia Inn	176	Bernardo Avenue South
Maple Tree Inn	711	El Camino Real E.
Marchetti's (Rick) Auto Service	1026	Evelyn Avenue West
MARIE CALLENDER'S	751	El Camino Real E.
MARK CLEANERS, THE	755	Wolfe Rd. S.
Marty's Donut Shop	350	Maude Avenue West
Mathilda Valero #7669 Auto Service	498	Mathilda Avenue North
Maude - Mathilda Project	1111	Mathilda Avenue
Mc Donald's #6867	615	Mathilda Avenue North
McDonald's	1169	El Camino Real W.
McDonald's	550	Lawrence Expressway
McDONALD'S RESTAURANT	556	El Camino Real E.
McHenrys	415	E. El Camino Real
MedDev Corporation	730	Pastoria Avenue North
Medtronic	1221	Crossman Ave.
Mee's Cleaners	1607	Hollenbeck Road
Meggitt (Endevco MEMS)	355	Pastoria Avenue N.
Mellow's Nursery	221	Mathilda Avenue North
MERCADO LA TORRE INC	614	Evelyn Ave. E.
Merit Vegetarian	548	Lawrence Expressway
Mi Ranchito Produce	259	Maude Avenue East
MiaSole	435	Oakmead Parkway
MICRO LITHOGRAPHY, INC.	1247	Elko Dr.
MICRO LITHOGRAPHY, INC.	1257	Elko Dr.
MID Auto Service	1155	Willow Ave.

Company Name	Street Number	Street Name
MIDAS	725	El Camino Real E.
Miholovich Concrete Construction Co., Inc.	840	Muender Avenue
Minh's Vietnamese Restaurant	1274	Persian Dr.
Mission City Café	510	Lawrence Exp
MOHAWK LABORATORIES DIV OF NCH CORP	932	Kifer Rd.
Molecular Devices LLC	1312	Crossman
MOLECULAR DEVICES, INC.	1311	Orleans Drive
Molecular Medicine Research Institute (MMRI)	525	Del Rey Avenue
Molecular Medicine Research Institute (MMRI)	552	Del Rey Avenue
Molecular Medicine Research Institute (MMRI)	525	Del Ray Avenue
Moose Family Center	905	Kifer
MOSS LITHO INC	1028	Maude Ave. W.
MURPHY AVENUE PET CLINIC	101	Hendy Ave. W.
MURPHY'S LAW	135	Murphy Ave. S.
Nature's Best Cleaners	1281	W. El Camino
Neoconix 2	715	Pastoria Avenue North
NetApp	495	E. Java
Neuralieve Inc.	240	N. Wolfe Rd
New Bangla Bazar	924	E. Fremont Ave.
New Chef Lee's Chinese Restaurant	1115	Tasman Drive
New Port Restaurant	1686	S. Wolfe Road
New Wing Yuan Market	1139	N. Lawrence
NEW YORK STYLE SAUSAGE CO	1228	Reamwood Avenue
NeXTNaV	484	Oakmead Parkway
Nino's Cleaners	826	Fremont Avenue E.
Nirvanaah!	1038	E.El Camino Real
Nissan Sunnyvale	880	El Camino Real E.
Nissan Sunnyvale	710	E. El Camino Real
Nizario's Pizza	725	Sunnyvale-Saratoga Road
Noor Halal Market	889	E. El Camino Real
Noron Precision Machining, Inc.	265	Sobrante Way
Northern California Graphics	817	Maude Avenue West
NORTHROP GRUMMAN CORPORATION	401	Hendy Ave. E.
NORTHROP-GRUMMAN CORP GTS	401	Hendy Ave. E.
NORTH'S BODY SHOP	1096	Maude Ave. W.
Nothing Bundt Cakes	939	W. El Camino
OAKBIO, Inc.	265	Sobrante Way
OAKMEAD PRINTING	233	Weddell Dr. E.
OASIS	952	El Camino Real E.
Ocean Blue Sushi Club	1010	El Camino Real E.
OEPIK Inc.	1231	Boredeaux Drive
Oil Changers #405	135	Wolfe Road N.

Company Name	Street Number	Street Name
OK Auto Body & Repair	210	Ahwanee Avenue
OLIVER INSTRUMENTS. INC	922	California Avenue E.
Ollen Sushi & Tofu House	595	E. El Camino Real
ONE DAY CLEANERS	417	El Camino Real E.
One Love Pizza	109	Fremont Ave E.
Orchard Supply Hardware #0050	777	Sunnyvale-Saratoga Road
O'Reilly Auto Parts	815	El Camino Real E.
Oroweat Thrift Store	456	Maude Avenue West
P. F. Chang's China Bistro #6900	390	El Camino Real West
PACIFIC AUTO ELECTRIC	105	Weddell Drive W.
PACIFIC CERAMICS	824	San Aleso Avenue
Pacific Coast Trane Service	310	Soquel Way
Pacific Inn of Sunnyvale	170	Sunnyvale Avenue S.
Pad Thai Restaurant	500	Lawrence Expressway
Palace Bar-B-Que Buffet	1092	El Camino Real E.
PALACE CAFÉ	139	Murphy Ave. S.
Palladium Nightclub	767	Mathilda Avenue North
Palo Alto Med. Foundation Camino Div. - Int. & Fml	401	Old San Francisco Road
Palo Alto Med. Foundation Camino Div. - Pediatrics	201	Old San Francisco Road
Panchavati	460	Persian Dr.
Panda Express	790	El Camino Real E.
Panera Bread	118	E. El Camino Real
PAPA MURPHY'S	939	El Camino Real W.
Paredes Autoworks	1062	El Camino Real E.
Park Cleaners and Shoe Repair	848	East Evelyn Avenue
Parkinson's Institute & Clinical Center	675	Almanor Avenue
Parranda Night Club (a.k.a. Amnesia)	1131	N Lawrence Expy
Pasta Pomodoro	300	El Camino Real West
Paul & Harvey's	130	Murphy Avenue S.
PDP Micro Dicing Services	580	E. Weddell Dr.
Peacock Lounge	102	Fremont Ave. E.
Pearson Automobile Company	1176	El Camino Real W.
PEBBLE ROPPOGI	160	Francis Ave. S.
Peet's Coffee and Tea #135	144	El Camino Real West
PENINSULA BUILDING MATERIALS CO	1175	Aster Ave.
PENINSULA TIRE AUTO	1096	Maude Ave. W.
Peninsula Transmission Service	1028	Evelyn Avenue West
PENINSULA TRANSMISSIONS	1094	Maude Ave. W.
Penske/Ocean Motors	840	E El Camino Real
Pep Boys	170	El Camino Real E.
PEPSI COLA BOTTLING COMPANY	960	Kifer Rd.
PESARATTU	893	E. El Camino Real
PETES XRAY FACILITY	999	Lake Wy.
PET'S FRIEND ANIMAL CLINIC	158	San Lazaro Ave.
Pezzella's Villa Napoli	1025	El Camino Real W.

Company Name	Street Number	Street Name
Pharmacyclics, Inc.	995	Arques Avenue East
Philly Cheese Steak Shop	832	W. El Camino
Pho Bin Little Saigon	855	Homestead Road E.
Pho Binh Minh Sunrise Noodle House	1129	Lawrence Expressway
Pho Nam	1205	Wildwood Avenue
PHO NAM RESTAURANT	844	El Camino Real W.
PHO QUEEN NOODLE HOUSE	1133	Tasman Drive
PHO QUYEN NOODLE HOUSE	1185	El Camino Real W.
Pho Vy	913	Duane Ave E.
Pho Wagon Restaurant	1627	Hollenbeck Road
PHOTOGRAPH COLOR LAB	1683	Hollenbeck Ave.
Phuong Thao	155	South Murphy Avenue
PINE CONE LUMBER	895	Evelyn Avenue E.
PINE PRESS	1330	Mary Ave. S.
Pinkberry	122	East El Camino Real
PIZZA DEPOT	919	Duane Avenue E.
Pizza Hut	1241	El Camino Real W.
Pizza Hut #011668	464	Mathilda Avenue North
Pizza My Heart	110	E. El Camino Real
Pizza Pub	1342	Mary Ave.
Plamar USA	1319	E. Moffett Park Dr.
Playgrounds Unlimited	1175	Willow Ave.
Plug and Play Tech Center FSE	440	N. Wolfe Road
Pooch Hotel Sunnyvale	180	N. Wolfe
Popeyes Chicken and Biscuits	802	w. El Camino
PRECISION TUNE AUTO CARE	1004	El Camino Real W.
Precision Tune Auto Care	135	Wolfe Road N.
PRINTING WORKS, The	544	E. Weddell Dr.
Prism Inks	824	Ahwanee Avenue
Pro Star Auto and Towing	150	Wolfe Road
PURE LOUNGE	146	S. Murphy Street
Q Cleaners	505	Pastoria Avenue South
Qualitek	1225	Elko Dr
QUALITY AUTO CENTER	1062	El Camino Real E.
Quality Cleaners	566	El Camino Real E.
QUALITY INN SUNNYVALE	1280	Persian Dr.
Quarter Note Bar and Grill	1214	Apollo Way
Quickly	1149	N Lawrence
Quiznos Sub	251	S. Mary Ave.
Rainbow Car Wash and Detail	975	El Camino Real E.
Rajjot	1234	Wolfe Road S.
Rama V Thai Cuisine	1028	E. El Camino Real
Ramen Seas	173	S. Murphy Ave
Raytheon Applied Signal Technologies, Inc.	490	California Avenue West
Remington Podiatry Group	697	Remington Dr. E

Company Name	Street Number	Street Name
Rene Rose	621	Caliente Dr.
RESPONSIBLE METAL FAB INC	1256	Lawrence Station Rd. N.
Resurrection School & Church	1395	Hollenbeck Road
Riot (San Jose Blue)	927	Kifer Road
Rite Aid	777	East El Camino Real
RM Prototype Machining	1183	Tasman Drive
Robees Falafel	260	E. Java
Rok Bistro	124	Murphy Ave. S.
Rokko	190	S. Frances St
RON'S TRANSMISSIONS	932	El Camino Real W.
Rooster T. Feathers Comedy Club	157	El Camino Real West
ROSE CLEANERS	590	Murphy Ave. S.
Round Table	1220	Oakmead Parkway
ROUND TABLE PIZZA	665	Bernardo Avenue S.
ROUND TABLE PIZZA	860	Old San Francisco Road
Round Table Pizza #4	1663	Hollenbeck Road
Round Table Pizza #713	415	Mary Avenue North
ROYAL CLEANERS	1281	Mary Ave. S.
ROYAL DRY CLEANERS	1151	Lawrence Expy.
Rubio's Fresh Mexican Grill	108	E. El Camino Real
Ruby's Pan Dulce	829	Borregas Avenue
Ruby's Taqueria	821	Borregas Avenue
Run 'em Ragged/ A Dog's Life	1249	Birchwood Dr.
S & S TIRE & AUTO REPAIR	597	Murphy Avenue S.
Safeway	639	Bernardo Avenue S.
Safeway	785	El Camino Real E.
Safeway Foods #313	1601	Hollenbeck Road
Safeway Inc. #2887	150	El Camino Real East
Saigon Hong Kong Restaurant	1135	Lawrence Expressway
Saigon's Cleaners & Alterations	1034	E. El Camino
Saizo	592	El Camino Real E.
Samax Precision, Inc.	926	Evelyn Avenue West
Santa Clara Cycle	993	El Camino Real E.
SANTRONICS, INC.	1240	Birchwood Dr.
Saravanaa Bhavan	1305	S. Mary Ave.
Savory & Sweet Catering	149	Hendy Avenue
Sawa Sushi	1042	El Camino Real E.
Scandia Auto Service	848	Evelyn Avenue West
SCOTTY'S CLEANERS	684	Fair Oaks Ave.
SeaMicro	1237	E. Arques
Senor Jalepeno	415	Mary Avenue North
Serious Energy (Quiet Solution before)	1250	Elko Ave.
Seto Tempura House	511	Borregas Avenue
Shah Restaurant	962	W. El Camino
Shalimar Restaurant	1146	W. El Camino Real

Company Name	Street Number	Street Name
Shanghai Flavor Shop	888	Old San Francisco Road
Shanghai Restaurant	253	Maude Avenue East
Shaw's Sandwiches	470	Mathilda Avenue North
SHELL - westmore	925	Fremont Avenue W.
Shell (Mathilda)	776	Mathilda Avenue North
SHELL- Wolfe Auto Service	703	Wolfe Road S.
Shirin Deli & Market	582	Murphy Ave S
Siam Taste	172	South Murphy Street
Sichuan Gourmet	542	Lakeside Dr.
Sierra Proto Express, Inc.	1108	Evelyn Avenue West
Silicon Image and Simplay Lab (a subsidiary)	1140	E. Arques Ave.
Silicon Labs	940	Stewart Dr.
SILICON VALLEY AUTO BODY	327	Weddell Drive
Silicon Valley Chiropractic Group	333	El Camino Real West
Silicon Valley Fuels	1697	S. Wolfe Road
SIR SPEEDY	1185	Tasman Dr.
SMaRT STATION-Bay Counties Waste Services	301	Carl Road
Smoothie King #644	398	El Camino Real West
Sneha Indian Dining	1214	Apollo Way
Solar Junction Corp.	1170	Sonora court
Spansion LLC	915	Deguigne Drive
Spansion LLC	915	Deguigne Drive
Sparkle Clean Dry Cleaners	478	Mathilda Avenue North
Specialty Café and Bakery	605	Tasman
SPECTRAL INCORPORATED	442	Oakmead Pkwy.
Speed Oil Change Center	1240	W. El Camino
SpeeDee Oil Change & Tune Up #17-049	695	Homestead Road West
Spice Hut	594	El Camino Real E.
Spinal Kinetics	595	Pastoria Avenue North
Sporty's Bikini Bar	1053	El Camino Real E.
Sprouts Farmers Market	111	E El Camino Real
St. Cyprian's Church and School	195	Leota Avenue
St. John's Bar & Grill	510	Lawrence Expressway
ST. JUDE MEDICAL CRMD	701	Evelyn Ave. E.
St. Martin School	597	Central Avenue
STANFORD RESEARCH SYSTEMS	1290	Reamwood Ave.
Starbucks	201	S. Mary Ave.
Starbucks #2885	460	Mathilda Avenue North
STARBUCKS COFFEE	1291	Mary Avenue S.
Starbucks Coffee	795	El Camino Real E.
Starbucks Coffee #5981	332	El Camino Real West
Starbucks Coffee #631	1687	Hollenbeck Road
Staybridge Suites	900	Hamlin Court
STEVEN'S CLASSIC PHILLY CHEESESTEAK	1121	Tasman Drive
Subway	264	Java Drive

Company Name	Street Number	Street Name
Subway	956	El Camino Real W.
Subway	1139	Tasman Dr.
SUBWAY	704	Wolfe Rd. S.
Subway	500	Lawrence Expressway
Subway	1044	El Camino Real E
SUBWAY	605	El Camino Real E.
Subway Sandwiches #5834	415	Mary Avenue North
Sugar, Butter, Flour	669	S. Bernardo Ave.
Summer Winds Nursery	861	El Camino Real E.
SUNKEN GARDENS (MAINTENANCE)	1010	Wolfe Rd. S.
Sunny Auto Care	1170	Willow Ave.
Sunnyside Gardens Assisted Living	1025	Carson Drive
Sunnyvale 76 (Alliance)	1198	El Camino Real W.
Sunnyvale Acura	750	El Camino Real E.
Sunnyvale Art Gallery Café	251	El Camino Real
Sunnyvale Auto Spa	1005	El Camino Real W.
Sunnyvale Buffet	830	East El Camino Real
SUNNYVALE CAB/YELLOW CAB SVC	810	Muender Ave.
Sunnyvale Café	223	Maude Avenue East
Sunnyvale Car Wash & Detail	905	El Camino Real E.
Sunnyvale Car Wash (Chevron)	724	Mathilda Avenue North
Sunnyvale Chiropractic	201	S. Mary
Sunnyvale Chiropractic	481	Murphy Ave. S.
Sunnyvale Elks Lodge	375	Pastoria Avenue North
SUNNYVALE FORD	650	El Camino Real E.
Sunnyvale Ford Preowned Vehicles	681	E El Camino Real
SUNNYVALE FOREIGN CAR SVC	1096	Maude Ave. W.
Sunnyvale Health Care Center	1291	S. Bernardo
Sunnyvale Lumber, Inc.	870	Evelyn Avenue West
SUNNYVALE OLYMPIC Valero	750	Bernardo Avenue S.
Sunnyvale Open MRI	260	South Sunnyvale Avenue
Sunnyvale Presbyterian Church	728	Fremont Avenue West
Sunnyvale Recreation Center	550	E. Remington Dr
SUNNYVALE SCHOOL DISTRICT	825	Iowa Avenue W.
Sunnyvale Senior Center	550	E. Remington Drive
Sunnyvale Smog Center	1062	El Camino Real E.
SUNNYVALE TOWING	247	Commercial Street
SUNNYVALE VETERINARY CLINIC	1036	El Camino Real W.
SUNNYVALE VOLKSWAGEN	1025	El Camino Real E.
SUNNYVALE WELDING & FABRICATING	717	Evelyn Ave. E.
Sunpreme, Inc.	615	Palomar
Sunrise Senior Living	633	Knickerbocker S.
Super Burrito	1671	Hollenbeck Road
SUPER QUALITY CLEANERS	1049	El Camino Real E.
Super Sunnyvale Market	933	E Duane Ave

Company Name	Street Number	Street Name
Supertex Inc	1235	Bordeaux
Surface Engineering	919	Hamlin Court
Susan's Donuts & Snacks	1113	Tasman Drive
Sushi Blvd	903	E. Duane Ave.
Sushi Club	415	Mary Avenue North
Svaya	275	Santa Ana Court
Swathi Tiffins	1202	Apollo Way
SWEET TOMATOES	1210	Kifer Road
Synopsys Bldg. 8	1030	Maude Avenue West
Szechuan Garden Express	1677	Hollenbeck Avenue
T & J GARAGE	755	Mathilda Ave. N.
T & N AUTO WORLD	477	Evelyn Ave. E.
T. L. Beer Garden	769	Mathilda Avenue North
T.D. Auto Repair and Service	683	East El Camino Real
Taco Bell	1109	Tasman Drive
TACO BELL	811	Kifer Road
TACO BELL #3208	991	El Camino Real W.
Tacos Jalapa	154	El Camino Real West
Tanto Japanese Restaurant	1063	El Camino Real E.
TAO TAO	175	Murphy Avenue S.
Taqueria El Grullo	620	Evelyn Ave. E.
Taqueria Latina	201	Maude Avenue East
Target	298	McKinley Ave W.
Target	298	McKinley Ave. W
TARRAGON	140	Murphy Avenue S.
Taste Buds	673	Grape Ave.
Taste Nutrution Services	1296	Kifer Road
Tasty Subs and Pizza	528	Lawrence Exp.
Taverna Bistro	133	Murphy Avenue S.
Tech Star Industries	1171	Sonora Ct.
TELEDYNE COUGAR ELECTRONICS	290	Santa Ana Ct.
THAI BASIL #1	101	Murphy Avenue. S.
Thai Lemongrass	573	E El Camino Real
Thai Pepper	103	Fremont Ave. E.
THAI SPOONS	909	El Camino Real W.
The Bay Fish & Chips	826	El Camino Real W.
The Motor Café (HONDA PENINSULA)	1289	El Camino Real W.
The Old Siam	1111	W. El Camino
The Pasta Market	460	El Camino Real E.
The Patio	944	El Camino Real E.
Theron, Inc.	365	San Aleso Avenue
THUY'S TAILORS AND CLEANERS	159	Sunnyvale Ave. S.
TIA JUANA MEXICAN RESTAURANT	901	Duane Avenue E.
Tina's Kusina Catering & Deli	582	Murphy Ave S
TJ Automotive	135	Wolfe Road N.

Company Name	Street Number	Street Name
TLC @Spirent	1325	Borregas
TOGOS	1253	El Camino Real W.
Togo's	540	Lawrence Expressway
TOGO'S	561	El Camino Real E.
Togo's Eatery	1220	Crossman Avenue
Togo's Eatery #334704	1683	Hollenbeck Road
Tom's Auto Repair	1004	W. El camino
TONY & BROS	281	Fair Oaks Avenue N.
Toyota Certified	1124	W. El Camino
TOYOTA SUNNYVALE	898	El Camino Real W.
Trader Joe's #68	316	El Camino Real
Trader Joe's #68	727	Sunnyvale-Saratoga Road
Tres Potrillos Taqueria	670	Fair Oaks Avenue N.
Trinity Church	477	Mathilda Avenue North
Tru-Si	655	Pastoria Avenue North
Tu Mero Mole	590	Old San Francisco rd
TURMERIC INDIAN CUISINE	141	Murphy Ave. S.
Turner Designs	845	Maude Avenue West
Tutti Frutti Frozen Yogurt	127	S. Murphy Ave
TW Manufacturing LLC	1223	Bordeaux Drive
UHAUL	939	El Camino Real E.
UNAMAS Mexican Grill	548	Lawrence Expressway
Unilever Manufacturing Company	1484	Kifer Road
Union 76 (Sunnyvale-Saratoga Road)	1296	Sunnyvale-Saratoga Road
UNITED PARCEL SERVICE	1245	Hammerwood Avenue
United Rentals #547	940	Evelyn Avenue West
Unity Semiconductor	255	Santa Ana Ct.
UPS	925	Morse Ave.
UVEXS	1260	Birchwood Dr.
Valero Gas Station	698	Fair Oaks Avenue N.
Valero/Smog Haven	1037	Lakehaven Drive
VANDER-BEND MANUFACTURING	123	Uranium Rd.
Vargas Elementary School	1054	Carson Drive`
Vargas Upholstery	675	El Camino Real E.
Vista at Sunnyvale	605	Macara Avenue
Vito's Pizzeria	1155	Reed Avenue
W.L. GORE AND ASSOCIATES, INC.	1327	Orleans Dr.
Wahoo's Tacos and More	691	Tasman Dr.
Walgreens	105	El Camino Real E.
Walgreens	780	El Camino Real
WALGREENS STORE #3380	1306	Mary Ave. S.
WB MANUFACTURING	1230	Mt. View-Alviso Rd.
Wellness Chiropractic	730	El Camino Real E.
Wendy's	1313	Wolfe Road S.
Wendy's Old Fashioned Hamburgers #528	485	Mathilda Avenue North

Company Name	Street Number	Street Name
West Auto Care	698	N. Fair Oaks
WESTAK	1272	Forgewood Dr.
WESTCOR A DIVISION OF VICOR	560	Oakmead Pkwy.
Wheel Works	1291	W. El Camino
Wild Palms Hotel	910	E. Fremont Ave.
WINDSOR FISH & CHIPS	876	Old San Francisco Road
Wing Stop #451	1661	Hollenbeck Avenue
Wok's On Express	156	El Camino Real West
World Muffler	966	El Camino Real E.
World Oil #50	117	Maude Avenue West
Xoft, Inc.	345	Potrero Avenue
Yag Manufacturing, Inc.	625	Pastoria Avenue North
Yahoo!, Inc.	781	First Avenue
Yume - Ya Japanese Restaurant	150	El Camino Real West
Zikon, Inc.	365	San Aleso Avenue
Zinola Manufacturing	1190	Evelyn Avenue West
Zoll Circulation	650	Almanor Avenue
Zuccato's Auto Care	1026	Evelyn Avenue West
Zywyn Analog Interface Solutions	1270	Oakmead Parkway

FY 2012-2013 Annual Report
Permittee Name: City of Sunnyvale

Section 4
Provision C.4 Industrial and Commercial Site Controls

**Appendix 4-2: C.4.b.iii (2) Facilities Scheduled for Inspection in Fiscal Year
2013/2014**

**Appendix 4-2: C.4.b.iii.(2) ► Facilities Scheduled for Inspection FY 13/14
FY 2012-2013 Annual Report**

Company Name	Street Number	Street Name
A & H AUTO WRECKER	295	Commercial Street
a slice of New York	1253	W. ElCamino
Access Options Incorporated	1253	Birchwood Dr.
Adamsons Wood Fired Oven French Dip	806	W El Camino
Advanced Micro Devices (FASL, LLC.) Cafeteria	991	Stewart Drive
Aeroflex / Metelics	975	Stewart Drive
Agape Grill	845	Stewart
Air Maze Services	933	Kifer Rd.
Aixtron Genus, Inc.	1139	Karlstad Dr.
ALLEGRIA	233	Weddell Drive
Allvia, Inc.	657	Pastoria Avenue North
Alpha & Omega Semiconductor	475	Oakmead Semiconductor
Alphagraphics	1294	Anvilwood Avenue
Alta Devices, Inc.	545	Oakmead Parkway
AMERICAN PEPTIDE	777	Evelyn Avenue E.
Amnesia	1131	N Lawrence Expy
Andhra Bhavan Indian Cuisine	151	El Camino Read E.
Angela's Residential Home Care	578	Mathilda Avenue North
Apple, Inc.	985	Almanor Ave.
Applied Chemical Laboratories, Inc.	526	Almanor Avenue
Applied Materials, Inc. Arques Café	974	Arques Avenue East
Applied Micro	215	Moffett Park
Aptus Endosystems	777	Pastoria Avenue North
ARA AUTOMATED FINISHING	1286	Anvilwood Avenue
ARBOR VITA CORPORATION	722	Lucerne Dr.
Ariake Sushi Boat	759	El Camino Real E.
Arka	725	S. Fair Oaks Ave
ARMADILLO WILLY'S BBQ	161	El Camino Real E.
Armenian Gourmet	929	Duane Avenue E.
Art Institute of California - Sunnyvale	1120	Kifer Road
ARTIST WORKSHOP	627	Taylor Ave. E.
Asteria Grill	507	Ross Drive
Athidhi Indian Cuisine	727	Wolfe Road S.
Atria Senior Living Group	175	E Remington Dr
Auto Collision Experts	908	Arques Ave.
Bagel Place Café	546	Lawrence Expwy
Bagel Street Café	348	Maude Avenue West
Balaji Bhavan Vegetarian Restaurant	685	East El Camino Real
BARN THAI	921	Duane Avenue E.
Bawarchi Indian Non Vegetarian	1165	Reed Ave.
Bay Area Geotechnical Group (BAGG)	847	Maude Avenue West

Company Name	Street Number	Street Name
Bay Leaf	122	Sunnyvale Avenue S.
Bay Sushi Japanese Restaurant	1647	Hollenbeck Road
Bayshore 76- Fair Oaks Auto Repair	801	Fair Oaks Avenue N.
BEAN SCENE GOURMET COFFEE & TEA, THE	186	Murphy Ave. S.
Bella's Bar & Grill	1111	Elko Dr.
Belmont Village Assisted Living	1039	E. El Camino Real
Bengali Sweets Café	783	E. El Camino Real
Berkeley Farms	1276	Reamwood
Beryl's Place Deli	1250	Oakmead Parkway
BETTER BENTO	550	Lakeside Drive
Bharat Bazar Market	1165	Reed Ave.
Bhavika's Food-to-Go	1053	El Camino Real E.
Black Angus	740	El Camino Real E.
Bloom Energy		Moffett Field
Bloom energy	1252	Orleans Dr.
Blue Bonnet Sports Bar	208	Fair Oaks Avenue S.
BMB MOTORS	1297	El Camino Real W.
Bogarts	1209	Wildwood Avenue
Bon Chon	572	El Camino Real E.
Bon Suisse, Inc.	1276	Reamwood
Boudin #446	701	Sunnyvale Avenue
Bowers Chiropractic	660	Bernardo Ave S.
Brass Rail	160	Persian Drive
BREAD BASKET DELI	135	Wolfe Road N.
Burger King #10957	773	Mathilda Avenue North
C.J. Olson Cherries	348	El Camino Real West
Café Dolce	415	Mary Avenue North
CALSTONE COMPANY	1155	Aster Avenue
Cal-West Specialty Coatings	1058	Evelyn Avenue West
CAM HUNG	903	Reed Avenue
Cambrios	930	E. Arques Ave.
Carl's Jr.	1051	El Camino Real E.
Carl's Jr.	1195	El Camino Real W.
Casa Lupe	691	Bernardo Avenue S.
Cedar Crest Nursing and Rehabilitation Center	797	Fremont Avenue E.
Chaat Bhavan	976	E. El Camino Real
Chaat House	939	El Camino Real W.
Chaats & Currys	520	Lawrence Expy
Chavez Supermarket	666	Fair Oaks Ave.
Cheetahs Gentlemen's Club	907	E. Arques Ave
Chef Young's Restaurant	494	Mathilda Avenue North
Chef Yu	163	Murphy Ave. S.
CHELOKABABI	1236	Wolfe Road S.
CHERRY CHASE PET HOSPITAL	1297	El Camino Real W.
Chevron, The Car Spa, Inc.	1097	Duane Ave. E.

Company Name	Street Number	Street Name
Chipolte's #279	324	El Camino Real West
City of Sunnyvale Golf Course Snack Shack	605	Macara Avenue
City of Sunnyvale Landfill	600	Caribbean Drive
City of Sunnyvale Municipal Tennis Center	755	Mathilda Avenue South
Clarita's Filipino Cuisine	905	Duane Avenue E.
Club La Ronda	927	Duane Ave. East
Coherent	1220	Midas Way
COLD STONE CREAMERY	757	El Camino Real E.
COLLISION AUTO REPAIR	277	Fair Oaks Ave. N.
Columbia Middle School	739	Morse Avenue
Complete Genomics	750	Pastoria Avenue North
Cosmopolitan Catering	649	S. Bernardo Ave.
COSTCO	150	Lawrence Station Road
COUNTRY GOURMET	1314	Mary Avenue S.
Country Inn and Suites	1300	Chesapeake Terrace
Da Kine Café	153	E. Fremont Ave.
Daily Donuts	110	Sunnyvale Ave. S
Daily Donuts and Bagels	708	Caliente Dr.
Dairy Belle Freeze #17	1323	Sunnyvale-Saratoga Road
Dannicks Auto Care	135	Wolfe Road. N.
Dastgah Firestone	135	Wolfe Road
Dayton Automotive / Peninsula Transmission	1155	Reed Ave
DEL MONTE RESTAURANT	100	Murphy Ave. S.
Denny's Restaurant #7217	311	Mathilda Avenue South
Denny's Restaurant #7218	814	Ahwanee Avenue
Diagnostics for the Real World, Ltd.	840	Del Rey Avenue
DIAGNOSTICS UNLIMITED	135	Wolfe Road N.
Digital Display Systems	556	Weddell Drive
Dim Sum King	824	W. ElCamino
Dionex Building 10	1214	Oakmead Pkwy.
Dionex Corporation Building 1	1228	Titan Way
Dionex Corporation Building 2	445	Lakeside Drive
Dish Dash	190	Murphy Avenue S.
Dish n Dash	736	Mathilda Avenue North
Domain Hotel	1085	El Camino Real
Domino's Pizza	615	Caliente Drive
Domino's Pizza	992	El Camino Real W.
Don and Jon's Automotive	1080	El Camino Real E.
Donuts & Sandwiches	311	N. FairOaks Ave
Dosa N Biryani	250	E. Java
Dr. Burrito	266	E. Java
Dryclean Best	605	El Camino Real E.
DT Auto Service Inc. (ARCO)	1040	Sunnyvale-Saratoga
ebr Systems	686	Maude Avenue West

Company Name	Street Number	Street Name
ECONOMY AUTO REPAIR	1170	Willow Ave.
EL CAMINITO MEXICAN RESTAURANT	510	El Camino Real E.
El Cerrito Taqueria	120	Persian Drive
EL POLLO LOCO	996	El Camino Real W.
Elephant Express	302	Fair Oaks Ave. N.
Enterprise Rent-A-Car #2302	680	El Camino Real West
Enterprise Rental Cars	815	El Camino Real E.
Epicor	240	Santa Ana Court
ERIK'S DELI/CAFE	717	El Camino Real E.
Events of Excellence Catering	745	Wolfe Road S.
F&S Autobody and Painting	675	El Camino Real E.
Fair Oaks Chevron (gas & car wash)	296	Fair Oaks Avenue
Falafel Bite	1500	Lawrence Expwy
Famous Food Restaurant	872	Old San Francisco Road
Faultline Brewing Company	1235	Oakmead Parkway
FAZ RESTAURANT & BAR	1108	Mathilda Avenue N.
FEDERAL EXPRESS	1286	Lawrence Station Road
FIBBAR MAGEE'S	156	Murphy Ave. S.
Fire House Grill and Brewery	111	South Murphy Avenue
First Wok	653	S. Bernardo Ave.
Five Guys	116	E. El Camino Real
FOUR D METAL FINISHING, INC.	620	Taylor Avenue East
Freeslate	415	Oakmead Parkway
Fremont High School Automotive Classroom	1279	Sunnyvale-Saratoga Road
Fremont High School Cafeteria	1279	Sunnyvale-Saratoga Road
Fremont U.H.S. District Central Kitchen	589	Fremont Avenue
Fresh and Easy Neighborhood Market #1319	1180	Fair Oaks Avenue North
FRESH CHOICE	1105	El Camino Real W.
Full Moon Biosystems	754	Pastoria Avenue North
GARCIA'S TAQUERIA	738	Fair Oaks Ave. S.
Ginger Café	398	El Camino West
Giovanni's Pizzeria	1127	Lawrence Expressway
Glo USA, Inc.	1225	Bordeaux
Gobi Mongolian BBQ	1135	Tasman Dr.
GOLFLAND USA	855	El Camino Real E.
Gombe Bento	511	Borragas Avenue
Grand Hotel	865	El Camino Real W.
Great Vegi Land	562	Murphy S.
Green Smog Check (UMIT Inc.)	1073	E. El Camino Real
Guadalajara Market	827	Borragas Avenue
GUMBA'S ITALIAN RESTAURANT	176	Murphy Avenue S.
H. Butler's BBQ	568	El Camino Real E.
Habit Burger Grill	146	El Camino Real West
Hanamaru	675	Bernardo Avenue S.

Company Name	Street Number	Street Name
HANKOOK Super Deli	1092	El Camino Real E.
HARDY'S BAVARIA	111	Evelyn Avenue W.
HCR Manor Care	1150	Tilton Drive
HENDY AUTO REPAIR	111	Sunnyvale Avenue N.
Hertz Local Edition	510	El Camino Real E
HISTORIC DEL MONTE BUILDING	100	Murphy Ave. S.
Hobee's California Restaurants #7	800	Ahwanee Avenue
Homi Japanese Ramen	1133	N. Lawrence Expy
Honeyberry's	1661	Hollenbeck Road
Honeywell	1349	Moffett Park Drive
Hot Breads	464	El Camino Real E.
House of Bagels	1681	Hollenbeck Road
House of Kabobs	161	South Murphy Street
House of Pho	1066	E. El Camino Real
HP Palm SV 01 Cafeteria	950	Maude Avenue West
HU, DR. HANK	749	Fremont Ave. W.
Hybrid Commercial Printing	1010	W. El Camino Real
iBagels	266	E. Java Dr.
iL Postale	127	Washington Street W.
In Printz	924	Borregas Avenue
Indian Cash and Carry Deli Department	1032	E. El Camino Real
Infinera Corporation	1322	Bordeaux Drive
Infuse	1217	Wildwood
IN-N-OUT BURGER	604	El Camino Real E.
Innovalight, Inc.	965	Arques Avenue East
Intuity Medical	350	Potrero Avenue
Island 295 Café	295	E. Washington
Jack in the Box	813	El Camino Real W.
JAKE'S OF SUNNYVALE	174	Fremont Ave. E.
JAMBA JUICE	797	El Camino Real E.
Jamba Juice #391	415	Mary Avenue North
James Machining Service Company	1012	Morse Avenue
JANG TU SOONDAE RESTAURANT	1012	El Camino Real E.
Java Sushi	262	Java Drive
JC AUTO REPAIR	1062	El Camino Real E.
JIFFY LUBE #295	999	El Camino Real W.
JOHN LINCOLN CO.	172	Commercial St.
Jomin's Café and Bake Shop	907	E. Duane
JSR Micro, Inc.	1260	Mathilda Ave. N.
Kabob Afghan and Persian Cuisine	604	S. Mary Ave.
Kabuki Palace Night Club	1102	Evelyn Avenue West
Kabul	833	El Camino Real W.
KAMET Manufacturing Solutions	155	Commercial St.
Katana Sushi & Sake	411	East El Camino Real
KENTUCKY FRIED CHICKEN	1065	El Camino Real E.

Company Name	Street Number	Street Name
King Wah	219	Washington Ave. E.
KING'S SEAFOOD CENTER INC	425	El Camino Real E.
KOMALA VILAS RESTAURANT	1020	El Camino Real E.
K's Crepes & Café	126	E. Fremont Ave
Kwality Sweets' n Food	1036	E. El Camino Real
La Miche	1107	El Camino Real W.
Las Islitas Taqueria	848	East Evelyn Avenue
Las Palmas Grill - City Kabob	755	Mathilda Avenue South
Lawrence Expy Smog Center/Santa Clara Super Gas	295	Lawrence
Le Boulanger	305	Mathilda Avenue North
Le Boulanger	1080	Enterprise Way
Lee's Sandwiches	939	W. El Camino
LEFCO INC	698	Taylor Ave. E.
LensVector, Inc	675	Palomar Avenue
Lilly Mac's	187	S. Murphy Av
Lion & Compass	1023	Fair Oaks Avenue N.
Little Caesar's Pizza #5044	1039	Sunnyvale-Saratoga Road
Little India Café	415	Maude Avenue West
LMMS	1111	Lockheed Martin Way
LMMS GES	1111	Lockheed Martin Way
Local Comfort - food truck	1146	Sonora Ct. Parking Lot
Lockheed 157	1111	Lockheed Way
Lockheed 182	1111	Lockheed Way
Lockheed Martin Corp.Groundwater Extraction	1235	Elko Dr.
LONGHORN CHARCOAL PIT	102	Fremont Avenue E.
Lookout Inn Restaurant, Inc.	605	Macara Avenue
LOZANO AUTO SERVICE	934	El Camino Real W.
Lucky Foods (Save Mart #780)	484	Mathilda Avenue North
Madhuban Indian Cuisine	544	Lawrence Expressway
MADRAS CAFÉ, INC.	1177	El Camino Real W.
Madura Veg Indian Cuisine	1635	Hollenbeck Avenue
Madurai Idli Kadai	744	S. Wolfe Rd.
MAGIC WOK	734	Wolfe Road S.
Magnolia Inn	176	Bernardo Avenue South
Maple Tree Inn	711	El Camino Real E.
Marty's Donut Shop	350	Maude Avenue West
Mc Donald's #6867	615	Mathilda Avenue North
McDonald's	550	Lawrence Expressway
McDonald's	1169	El Camino Real W.
McDONALD'S RESTAURANT	556	El Camino Real E.
McHenry's	415	E. El Camino Real
Medtronic	1221	Crossman Ave.
Mee's Cleaners	1607	Hollenbeck Road
Meggitt (Endevco MEMS)	355	Pastoria Avenue N.

Company Name	Street Number	Street Name
MERCADO LA TORRE INC	614	Evelyn Ave. E.
Merit Vegetarian	548	Lawrence Expressway
Mi Ranchito Produce	259	Maude Avenue East
MiaSole	435	Oakmead Parkway
MICRO LITHOGRAPHY, INC.	1247	Elko Dr.
MICRO LITHOGRAPHY, INC.	1257	Elko Dr.
MID Auto Service	1155	Willow Ave.
MIDAS	725	El Camino Real E.
Minh's Vietnamese Restaurant	1274	Persian Dr.
Mission City Café	510	Lawrence Exp
MOHAWK LABORATORIES DIV OF NCH CORP	932	Kifer Rd.
MOLECULAR DEVICES, INC.	1311	Orleans Drive
Molecular Medicine Research Institute (MMRI)	525	Del Ray Avenue
Moose Family Center	905	Kifer
MURPHY'S LAW	135	Murphy Ave. S.
Neoconix 2	715	Pastoria Avenue North
NetApp Unit 3	495	E. Java
NetApp Unit 7	495	E. Java
NetApp Unit 11	495	E. Java
NetApp Unit 1	495	E. Java
New Bangla Bazar	924	E. Fremont Ave.
New Chef Lee's Chinese Restaurant	1115	Tasman Drive
New Port Restaurant	1686	S. Wolfe Road
New Wing Yuan Market	1139	N. Lawrence
NEW YORK STYLE SAUSAGE CO	1228	Reamwood Avenue
Nissan Sunnyvale	710	E. El Camino Real
Nizario's Pizza	725	Sunnyvale-Saratoga Road
Noor Halal Market	889	E. El Camino Real
Nothing Bundt Cakes	939	W. El Camino
Oakmead Printing	233	Weddell Drive East
OASIS	952	El Camino Real E.
OEPIIC Inc.	1231	Boredeaux Drive
Oil Changers #405	135	Wolfe Road N.
Ollen Sushi & Tofu House	595	E. El Camino Real
One Love Pizza	109	Fremont Ave E.
Oroweat Thrift Store	456	Maude Avenue West
P. F. Chang's China Bistro #6900	390	El Camino Real West
PACIFIC CERAMICS	824	San Aleso Avenue
Pacific Coast Trane Service	310	Soquel Way
Pad Thai Restaurant	500	Lawrence Expressway
Palace Bar-B-Que Buffet	1092	El Camino Real E.
PALACE CAFÉ	139	Murphy Ave. S.
Palladium Nightclub	767	Mathilda Avenue North
Panda Express	790	El Camino Real E.

Company Name	Street Number	Street Name
Panera Bread	118	E. El Camino Real
PAPA MURPHY'S	939	El Camino Real W.
Parkinson's Institute & Clinical Center	675	Almanor Avenue
Pasta Pomodoro	300	El Camino Real West
Paul & Harvey's	130	Murphy Avenue S.
Peacock Lounge	102	Fremont Ave. E.
PEBBLE ROPPOGI	160	Francis Ave. S.
Peet's Coffee and Tea #135	144	El Camino Real West
Penske/Ocean Motors	840	E El Camino Real
Pep Boys	170	El Camino Real E.
PESARATTU	893	E. El Camino Real
Pezzella's Villa Napoli	1025	El Camino Real W.
Pharmacyclics, Inc.	995	Arques Avenue East
Philly Cheese Steak Shop	832	W. El Camino
Pho Bin Little Saigon	855	Homestead Road E.
Pho Binh Minh Sunrise Noodle House	1129	Lawrence Expressway
Pho Nam	1205	Wildwood Avenue
PHO NAM RESTAURANT	844	El Camino Real W.
PHO QUEEN NOODLE HOUSE	1133	Tasman Drive
Pho Vy	913	Duane Ave E.
Phuong Thao	155	South Murphy Avenue
PINE CONE LUMBER	895	Evelyn Avenue E.
Pinkberry	122	East El Camino Real
PIZZA DEPOT	919	Duane Avenue E.
Pizza Hut	1241	El Camino Real W.
Pizza Hut #011668	464	Mathilda Avenue North
Pizza My Heart	110	E. El Camino Real
Plamar USA	1319	Moffett Park Drive East
Playgrounds Unlimited	1175	Willow Ave.
Plug and Play Tech Center FSE	440	N. Wolfe Road
Popeyes Chicken and Biscuits	802	w. El Camino
Precision Tune Auto Care	135	Wolfe Road N.
Pro Star Auto and Towing	150	Wolfe Road
PURE LOUNGE	146	S. Murphy Street
Q Cleaners	505	Pastoria Avenue South
Qualitek	1225	Elko Dr
Quarter Note Bar and Grill	1214	Apollo Way
Quickly	1149	N Lawrence
Quiznos Sub	251	S. Mary Ave.
Rajjot	1234	Wolfe Road S.
Rama V Thai Cuisine	1028	E. El Camino Real
Ramen Seas	173	S. Murphy Ave
Raytheon Applied Signal Technologies, Inc.	490	California Avenue West
Rene Rose	621	Caliente Dr.
Resurrection School & Church	1395	Hollenbeck Road

Company Name	Street Number	Street Name
Road Runner Automotive	711	East Evelyn Avenue
Rok Bistro	124	Murphy Ave. S.
Rooster T. Feathers Comedy Club	157	El Camino Real West
ROUND TABLE PIZZA	665	Bernardo Avenue S.
ROUND TABLE PIZZA	860	Old San Francisco Road
Round Table Pizza #4	1663	Hollenbeck Road
Round Table Pizza #713	415	Mary Avenue North
Rubio's Fresh Mexican Grill	108	E. El Camino Real
Ruby's Pan Dulce	829	Borregas Avenue
S & S TIRE & AUTO REPAIR	597	Murphy Avenue S.
Safeway	785	El Camino Real E.
Safeway	639	Bernardo Avenue S.
Safeway Foods #313	1601	Hollenbeck Road
Safeway Inc. #2887	150	El Camino Real East
Saigon Hong Kong Restaurant	1135	Lawrence Expressway
Saizo	592	El Camino Real E.
Saravanaa Bhavan	1305	S. Mary Ave.
Savory & Sweet Catering	149	Hendy Avenue
Sawa Sushi	1042	El Camino Real E.
Senor Jalepeno	415	Mary Avenue North
Seto Tempura House	511	Borregas Avenue
Shah Restaurant	962	W. El Camino
Shalimar Restaurant	1146	W. El Camino Real
Shanghai Flavor Shop	888	Old San Francisco Road
Shanghai Restaurant	253	Maude Avenue East
Shaw's Sandwiches	470	Mathilda Avenue North
Shirin Deli & Market	582	Murphy Ave S
Sichuan Gourmet	542	Lakeside Dr.
Sierra Proto Express, Inc.	1108	Evelyn Avenue West
Silicon Valley Chiropractic Group	333	El Camino Real West
Silicon Valley Fuels	1697	S. Wolfe Road
SMaRT STATION-Bay Counties Waste Services	301	Carl Road
Smoothie King #644	398	El Camino Real West
Sneha Indian Dining	1214	Apollo Way
Solar Junction Corp.	1170	Sonora court
Spansion LLC	915	Deguigne Drive
Spansion LLC	915	Deguigne Drive
Specialty Café and Bakery	605	Tasman
Speed Oil Change Center	1240	W. El Camino
Spinal Kinetics	595	Pastoria Avenue North
Sporty's Bikini Bar	1053	El Camino Real E.
Sprouts Farmers Market	111	E El Camino Real
St. Cyprian's Church and School	195	Leota Avenue
St. John's Bar & Grill	510	Lawrence Expressway
ST. JUDE MEDICAL CRMD	701	Evelyn Ave. E.

Company Name	Street Number	Street Name
St. Martin School	597	Central Avenue
Starbucks	201	S. Mary Ave.
Starbucks #2885	460	Mathilda Avenue North
Starbucks Coffee	795	El Camino Real E.
STARBUCKS COFFEE	1291	Mary Avenue S.
Starbucks Coffee #5981	332	El Camino Real West
Staybridge Suites	900	Hamlin Court
Subway	500	Lawrence Expressway
SUBWAY	605	El Camino Real E.
Subway	1139	Tasman Dr.
Subway	956	El Camino Real W.
Subway	264	Java Drive
SUBWAY	704	Wolfe Rd. S.
Subway	1044	El Camino Real E
Subway Sandwiches #5834	415	Mary Avenue North
Sugar, Butter, Flour	669	S. Bernardo Ave.
Sunnyvale Acura	750	El Camino Real E.
Sunnyvale Café	223	Maude Avenue East
Sunnyvale Car Wash (Chevron)	724	Mathilda Avenue North
Sunnyvale Elks Lodge	375	Pastoria Avenue North
SUNNYVALE FORD	650	El Camino Real E.
Sunnyvale Lumber, Inc.	870	Evelyn Avenue West
SUNNYVALE OLYMPIC Valero	750	Bernardo Avenue S.
Sunnyvale Presbyterian Church	728	Fremont Avenue West
Sunnyvale Recreation Center	550	E. Remington Dr
SUNNYVALE SCHOOL DISTRICT	825	Iowa Avenue W.
Sunnyvale Senior Center	550	E. Remington Drive
SUNNYVALE TOWING	247	Commercial Street
SUNNYVALE WELDING & FABRICATING	717	Evelyn Ave. E.
Sunrise Senior Living	633	Knickerbocker S.
Super Burrito	1671	Hollenbeck Road
Super Sunnyvale Market	933	E Duane Ave
Susan's Donuts & Snacks	1113	Tasman Drive
Sushi Blvd	903	E. Duane Ave.
Sushi Club	415	Mary Avenue North
Svaya	275	Santa Ana Court
Swathi Tiffins	1202	Apollo Way
SWEET TOMATOES	1210	Kifer Road
Synopsys Bldg. 8	1030	Maude Avenue West
Szechuan Garden Express	1677	Hollenbeck Avenue
T.L Beer Garden	769	Mathilda Avenue North
Taco Bell	1109	Tasman Drive
TACO BELL	811	Kifer Road
Tacos Jalapa	154	El Camino Real West
Tanto Japanese Restaurant	1063	El Camino Real E.

Company Name	Street Number	Street Name
TAO TAO	175	Murphy Avenue S.
Taqueria El Grullo	620	Evelyn Ave. E.
Taqueria Latina	201	Maude Avenue East
Target	298	McKinley Ave W.
TARRAGON	140	Murphy Avenue S.
Taste Buds	673	Grape Ave.
Taste Nutrition Services	1296	Kifer Road
Tasty Subs and Pizza	528	Lawrence Exp.
Taverna Bistro	133	Murphy Avenue S.
THAI BASIL #1	101	Murphy Avenue. S.
Thai Lemongrass	573	E El Camino Real
THAI SPOONS	909	El Camino Real W.
The Bay Fish & Chips	826	El Camino Real W.
THE FRENCH QUARTER	193	Murphy Avenue S.
The Old Siam	1111	W. El Camino
The Pasta Market	460	El Camino Real E.
The Patio	944	El Camino Real E.
TIA JUANA MEXICAN RESTAURANT	901	Duane Avenue E.
TJ Automotive	135	Wolfe Road N.
TLC @Spirent	1325	Borregas
TOGOS	1253	El Camino Real W.
Togo's	540	Lawrence Expressway
Togo's Eatery	1220	Crossman Avenue
Togo's Eatery #334704	1683	Hollenbeck Road
Tres Potrillos Taqueria	670	Fair Oaks Avenue N.
Trinity Church	477	Mathilda Avenue North
Tu Mero Mole	590	Old San Francisco rd
TURMERIC INDIAN CUISINE	141	Murphy Ave. S.
Tutti Frutti Frozen Yogurt	127	S. Murphy Ave
TW Manufacturing LLC	1223	Bordeaux Drive
UNAMAS	548	Lawrence Expressway
Unilever Manufacturing Company	1484	Kifer Road
Unity Semiconductor	255	Santa Ana Ct.
UPS	925	Morse Ave.
Valero/Smog Haven	1037	Lakehaven Drive
Vargas Elementary School	1054	Carson Drive`
Vargas Upholstery	675	El Camino Real E.
Vito's Pizzaria	1155	Reed Avenue
Wahoo's Tacos and More	691	Tasman Dr.
Walgreens	105	El Camino Real E.
Wellness Chiropractic	730	El Camino Real E.
Wendy's	1313	Wolfe Road S.
Wendy's Old Fashioned Hamburgers #528	485	Mathilda Avenue North
WESTAK	1272	Forgewood Dr.
Wild Palms Hotel	910	E. Fremont Ave.

Company Name	Street Number	Street Name
WINDSOR FISH & CHIPS	876	Old San Francisco Road
Wing Stop #451	1661	Hollenbeck Avenue
Wok's On Express	156	El Camino Real West
Xoft, Inc.	345	Potrero Avenue
Yahoo!, Inc.	781	First Avenue
Yume - Ya Japanese Restaurant	150	El Camino Real West

FY 2012-2013 Annual Report
Permittee Name: City of Sunnyvale

Section 5
Provision C.5 Illicit Discharge Detection and Elimination

Appendix 5-1:
C.5.e.iii Evaluation of Collection System Screening Program
Outfall Inspection Results FY 12-13

Appendix 5-1 - City of Sunnyvale Outfall Inspections Data Collection FY 12-13

Date	Time	Outfall ID Number or Location	Inspector(s) Names	Last Rainfall Date	Catchment Area Type (1)	Catchment Area Type (2)	Catchment Area Type (3)	Catchment Area Type (4)	Standing Water Present	Flow from Outfall	Approximate Depth of Flow (Inches)	Estimated Trash Volume	Odor	Color	Turbidity	Hydro-carbon Sheen	Sediment	Other Observations	Illicit Discharge Observed	Pretreatment Division Notified	If yes, Date & Time of Notification	Comments
10/9/2012	8:30 AM	S 338 Intersection of Kifer Rd at Calabazas Creek, north side of road.	Scheidt & Lothian	4/25/2012	Light Industrial	Industrial Park			Yes	Steady	2"	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Steady trickle coming from pipe, but flap gate is closed.	No	No		Flow present in Calabazas Creek hardened channel. Site accessible from north side of Kifer.
10/9/2012	8:50 AM	S331 Intersection of Kifer at SV East Channel 18" outfall east side	Gaeta & Ruiz	4/25/2012	Heavy Industrial	Light Industrial	Commercial		Yes	Trickle	0.5"	Non-defect	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Outfall dry	No	No		Access from westbound lane at Kifer Rd bridge crossing of SV East Channel - outfall under bridge
10/9/2012	8:55 AM	S331 - Intersection of Kifer at SV East Channel. 24" outfall, west side	Gaeta & Ruiz	4/25/2012	Heavy Industrial	Light Industrial	Commercial		No	None	0.0	Non-defect	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Outfall dry	No	No		Access from westbound lane at Kifer Rd bridge crossing of SV East Channel - outfall under bridge
10/9/2012	8:55 AM	S423 Intersection of Wildwood at Calabazas Creek (72' outfall)	Scheidt & Lothian	4/25/2012	Light Industrial	Industrial Park	Commercial	Residential	Yes	Trickle	1'	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Steady flow from upstream. High GW in area.	No	No		Flow from HWY 101 and adjacent properties. Shallow GW in this area. Water is clear and does not appear to be coming from any industrial activity
10/9/2012	9:15 AM	S372 Central Expressway and California Ave at SV East intersection	Gaeta & Ruiz	4/25/2012	Light Industrial	Commercial			Yes	High	2'	Non-defect	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Outfall with significant flow	No	No		Checked with County Roads and this outfall collects the groundwater from the Central Expressway pump stations and discharges it into the Sunnyvale East Channel at this point. High flows are from Water Board-permitted Pump stations.
10/9/2012	9:22 AM	S 170 -Fremont Ave at Sunnyvale East Channel Crossing, near 665 Ashborne Drive	Scheidt & Lothian	4/25/2012	Residential				No	None	0.0	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Outfall dry	No	No		Outfall close to Ashborne Drive
10/9/2012	9:30 AM	S 170 - Fremont Ave at SV East channel intersection, under bridge, north side.	Scheidt & Lothian	4/25/2012	Residential	Commercial			No	Trickle	0.0	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect		No	No		Outfall under roadway crossing
10/9/2012	9:30 AM	S389 Intersection of Taylor & Britton at the Sunnyvale East Channel	Gaeta & Ruiz	4/25/2012	Light Industrial	Residential			Yes	Trickle	0.5	Non-defect	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Significant flow in channel, but not coming from this outfall. - downstream of Central Expressway pump station outfall.	No	No		Significant flow in channel is covering the flap gate on the outfall. Water not entering channel from this pipe.

Date	Time	Outfall ID Number or Location	Inspector(s) Names	Last Rainfall Date	Catchment Area Type (1)	Catchment Area Type (2)	Catchment Area Type (3)	Catchment Area Type (4)	Standing Water Present	Flow from Outfall	Approximate Depth of Flow (inches)	Estimated Trash Volume	Odor	Color	Turbidity	Hydro-carbon Sheen	Sediment	Other Observations	Illicit Discharge Observed	Pretreatment Division Notified	If yes, Date & Time of Notification	Comments
10/9/2012	10:00 AM	South of Awhanee west of 754 Awhanee	Gaeta & Ruiz	4/25/2012	Residential				No	None	0.0	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Outfalls Dry	No	No		Flow in channel from upstream pump station outfall at Central Expressway.
10/9/2012	10:10 AM	295' south of Arcadia Terrace	Gaeta & Ruiz	4/25/2012	Residential	Residential			Yes	Trickle	0.25"	Non-detect	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	None	No	No		
10/9/2012	10:15 AM	S231 - El Camino intersection with SV East Channel behind auto shop	Scheidt & Lothian	4/25/2012	Commercial	Residential			No	Trickle	2.0"	Low	Absent	Present	Non-Detect	Non-Detect	Non-Detect	Very small flow coming from box culvert. Most of channel base is dry.	No	No		No color to water visible this year and quantity of water present is low.
10/9/2012	10:20 AM	S-231 -12" pipe outfalls into box culvert at El Camino crossing -east side of SV East channel	Scheidt & Lothian	4/25/2012	Commercial	Residential			Yes	Trickle	1.0"	Medium	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Some brownish staining at base of outfall pipe #1. Appears to be algae.	No	No		Two 12" pipes about 20-30 ft apart on east side of concrete channel wall. Both are dry.
10/9/2012	10:20 AM	8814 Arcadia Terr N/E Corner	Gaeta & Ruiz	4/25/2012	Residential				Yes	High	15-18"	Non-detect	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	None	No	No		
10/9/2012	10:47 AM	S270 - Old San Francisco Rd at SV East Channel crossing, North side	Scheidt & Lothian	4/25/2012	Commercial	Residential			No	Steady	1.0"	Medium	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Large pipe (~60 in diameter)	No	No		Most of channel dry. Just a small damp area downstream of pipe.
10/9/2012	11:23 AM	S331 South of Kifer Bridge at RR ROW bridge 18" RCP on east side of SV East channel	Scheidt & Lothian	4/25/2012	Light Industrial	Commercial			Yes	Trickle	>.25"	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	RR Ties causing bacterial rust	No	No		Access from eastbound lane at Kifer Rd. bridge. Outfalls under RR track crossing bridge.
10/9/2012	11:52 AM	S310 Intersection of East Evelyn & SV East Channel, east side under bridge 18" RCP	Scheidt & Lothian	4/25/2012	Residential	Industrial Park			Yes	Trickle	.5"	High	Absent	Absent	Non-Detect	Non-Detect	Non-Detect		No	No		Access from westbound lane of Evelyn at bridge crossing - pipe under bridge
10/9/2012	11:55 AM	S310 Intersection of East Evelyn & SV East Channel, west side under bridge 30" RCP	Scheidt & Lothian	4/25/2012	Residential	Commercial			Yes	Trickle	>.25"	High	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Very little water coming from pipe	No	No		Access from westbound lane of Evelyn at bridge crossing - pipe under bridge
10/9/2012	12:00 PM	S310 - Intersection of Britton & McKinley at SV East Channel 426 Arbutus	Scheidt & Lothian	4/25/2012	Residential				Yes	Trickle	>.25"	Medium	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	24" RCP	No	No		Access to site from East Evelyn & SV East channel crossing, to the south ~200 ft
10/9/2012	12:15 PM	S295 Behind 1122 Aster - 60" RCP coming into El Camino Channel	Gaeta & Ruiz	4/25/2012	Light Industrial	Residential			Yes	Trickle	1"	Medium	Present	Present	Low	Non-Detect	Low		No	No		Access site from access road at Willow and Aster intersection with El Camino Channel, - about 100 yards west of Willow.

Date	Time	Outfall ID Number or Location	Inspector(s) Names	Last Rainfall Date	Catchment Area Type (1)	Catchment Area Type (2)	Catchment Area Type (3)	Catchment Area Type (4)	Standing Water Present	Flow from Outfall	Approximate Depth of Flow (inches)	Estimated Trash Volume	Odor	Color	Turbidity	Hydro-carbon Sheen	Sediment	Other Observations	Illicit Discharge Observed	Pretreatment Division Notified	If yes, Date & Time of Notification	Comments
10/9/2012	12:30 PM	S295 Four small outfall pipes from adjacent properties, not on City SDI map that drain to El Camino channel between Willow & Aster intersection and 1122 Aster RCP	Gaeta & Ruiz	4/25/2012	Light Industrial	Residential			No	None	0.0	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Outfalls Dry	No	No		Four outfalls obser in this reach of the El Camino Channel, draining from high density residential and light industrial properties.
10/9/2012	1:00 PM	S161 - Stevens Creek and Fremont Ave bridge intersection	Gaeta & Ruiz	4/25/2012	Residential	Commercial			No	None	0.0	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Outfall dry	No	No		Outfall on east side of creek
10/9/2012	1:14 PM	S 513 - 675 Almanor - #513 - SV West Channel	Scheidt & Lothian	4/25/2012	Industrial Park	Light Industrial	Commercial		No	Steady	6.0'	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect		No	No		Access to channel blocked by construction fencing. Accessible only at box culvert fence. Site is box culvert outfall "daylight" for all SV West collection system to the south
10/9/2012	1:14 PM	S331 South of Kifer bridge - not on city outfall map, west side of SV East channel 12'CGP	Scheidt & Lothian	4/25/2012	Commercial				No	None	0.0	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Outfall dry	No	No		Access from eastbound lane at Kifer Rd. bridge, about half-way to RR track crossing.
10/9/2012	1:35 PM	250'W of Hamlin Ct	Scheidt & Lothian	4/25/2012	Industrial Park	Light Industrial	Commercial		No	None	0.0	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect		No	No		Box culvert daylight area north of Hwy 101 crossing.
10/9/2012	2:00 PM	S 569 Between 100 ft N of Bordeaux and Mathilda - 24" (non-city outfall) SV West Channel	Scheidt & Lothian	4/25/2012	Light Industrial	Industrial Park	Commercial		No	None	0.0	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Outfall dry	No	No		Outfall on north side of channel, draining industrial park area, closer to Mathilda
10/9/2012	2:05 PM	S 569 - Between Bordeaux and Mathilda - 24" (non-city outfall) SV West Channel	Scheidt & Lothian	4/25/2012	Light Industrial	Industrial Park			No	None	0.0	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Outfall dry	No	No		Outfall on north side of Channel, draining industrial park area closer to Bordeaux

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Section 9
Provision C.9 Pesticides Toxicity Controls

**Appendix 9-1: C.9.d Sample Contract Language Requiring Contractors to
Follow City's IPM Policy**



ORDERED FROM 14842 - 001 Bay-Valley Pest Control Inc 120 Kennedy Ave Campbell, CA 95008 (408) 370-1603	ORDER DATE 4/25/2013	BILL TO: City of Sunnyvale Finance Department Accounts Payable PO Box 3707 Sunnyvale, CA 94088-3707
	EFFECTIVE DATE 7/1/2013	
	EXPIRATION DATE 6/30/2014	
	CONTRACT AMOUNT \$24,000.00	
REQUISITIONING DEPARTMENT (7003) DPW/Ops - Facilities Maintenance	FOB	FREIGHT CHARGES
	PAYMENT TERMS N/30	BID NO



ITEM	DESCRIPTION	UNIT	UNIT COST
1	<p>Blanket order to provide regular pest control services for rodent and insect control for a one-year period.</p> <p>Civic Center Complex (Includes City Hall, City Hall Annex, City Hall South Annex, Public Safety Headquarters, Public Library and Sunnyvale Office Center @ \$43.00/mo. each.)</p> <p>Community Center Complex (Includes Recreation Building, Sports Center Complex, Cultural Arts Building, Theatre and Senior Center @ \$59.00/mo each.)</p> <p>Columbia/AMD Sports Center</p> <p>Corporation Yard (Includes Central Stores Warehouse @ \$32.00/mo., Administration Building @ \$56.00/mo. and Modular Building @ no additional charge.</p> <p>Fire Stations (Includes Fire Stations #1 through #6 @ \$42.00/mo. each.)</p> <p>Water Pollution Control Plant</p> <p>Baylands Park Maintenance Building</p> <p>Miscellaneous Services, Upon Request \$120.00/HR</p> <p>Miscellaneous pest control work, as required.</p> <p>Requisition Number: RQ011090</p> <p>This purchase order replaces BL003784.</p> <p>All emergencies to include travel time.</p> <p>1. The contractor shall follow the policies for Integrated Pest Management outlined in the City's Administrative Policy Manual, Chapter 6, Article 12 - Integrated Pest Management Policy for City-Owned Facilities for both structural or landscape pest control activities.</p> <p>2. The Contractor shall provide records on location, product name, manufacturer, EPA/California registration number from the label, and quantity (pounds or gallons) of pesticides applied to city-owned property or structures to the Environmental Division Manager on a monthly basis for NPDES Stormwater Permit reporting purposes.</p> <p>3. Before any of the pesticides listed in the Administrative Policy Manual, Chapter 6, Article 12, Subdivision 3.B (Pesticides of Concern) are applied, the contractor must provide a written recommendation from a Pest Control Advisor, licensed by the State of California, Department of Pesticide Regulations that includes a justification for its use, lists other approaches and techniques that have been considered and determined to be ineffective, and how adverse water quality impacts will be eliminated through the use of appropriate application techniques.</p>	DLR	\$1.0000



AUTHORIZED DEPARTMENT(S)

NO	DEPT NAME	RELEASE AMT
7003	DPW/Ops - Facilities Maintenance	\$24,000.00

DOCUMENT TERMS

This purchase order is subject to the City of Sunnyvale Standard Terms and Conditions for the Purchase of Services, dated 10/8/2010, a copy of which is attached and incorporated by reference (Form #TCBPO-S). Invoices must be sent directly to Accounts Payable by mail to the address above or by e-mail to accountspayable@sunnyvale.ca.gov and must reference the purchase order number. Failure to comply will result in a delay in payment processing.

BUYER:

Cornejo, Perry

PHONE (408) 730-7572

FAX (408) 730-7710

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Section 10
Provision C.10 Trash Load Reduction

Appendix 10-1: C.10.d Summary of Trash Reduction
Actions and Loads Reduced – Uncovered Load Municipal Code

8.16.190. Vehicles, conveyances and containers—Applicable regulations.

(a) All vehicles, conveyances or containers used for hauling solid waste within the city shall be of such construction as to comply fully with all laws, rules and regulations of the state of California pertaining thereto, and shall be of a type and construction to prevent leakage, spillage or overflow. This chapter is intended to implement the requirements of Vehicle Code Section 23114, or its successor statute.

(b) Any operator of an uncovered open bed truck hauling waste and recyclables for disposal at the SMaRT station shall be subject to payment of a fee for which the operator shall receive a tarp to be used for covering debris and solid waste. The fee for the truck tarp shall be established from time to time by resolution of the city council. (Ord. 2954-11 § 2; Ord. 2614-99 § 1 (part)).

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Section 10
Provision C.10 Trash Load Reduction

Appendix 10-2: C.10.d Summary of Trash Reduction
Actions and Loads Reduced - Plastic Carryout Bags Municipal Code

Chapter 5.38. PLASTIC CARRYOUT BAGS

5.38.010. Definitions.

The following definitions apply to this chapter:

- (1) "Customer" means any person purchasing goods from a store.
- (2) "Operator" means the person in control of, or having the responsibility for, the operation of a store, which may include, but is not limited to, the owner of the store.
- (3) "Person" means any natural person, firm, corporation, partnership, or other organization or group however organized.
- (4) "Plastic carryout bag" means any bag made predominantly of plastic derived from either petroleum or a biologically-based source, such as corn or other plant sources, which is provided to a customer at the point of sale. "Plastic carryout bag" includes compostable and biodegradable bags but does not include reusable bags, produce bags, or product bags.
- (5) "Postconsumer recycled material" means a material that would otherwise be destined for solid waste disposal, having completed its intended end use and product life cycle. "Postconsumer recycled material" does not include materials and by-products generated from, and commonly reused within, an original manufacturing and fabrication process.
- (6) "Produce bag" or "product bag" means any bag without handles provided to a customer: (A) to carry produce, meats, or other food items to the point of sale inside a store; (B) to hold prescription medication dispensed from a pharmacy; (C) to protect food or merchandise from being damaged or contaminated by other food or merchandise when items are placed together in a reusable bag or recyclable paper carryout bag; or (D) a bag without handles that is designed to be placed over articles of clothing on a hanger.
- (7) "Recyclable" means material that can be sorted, cleansed, and reconstituted using available recycling collection programs for the purpose of using the altered form in the manufacture of a new product. "Recycling" does not include burning, incinerating, converting, or otherwise thermally destroying solid waste.
- (8) "Recyclable paper carryout bag" means a paper bag that meets all of the following requirements: (A) is one hundred percent recyclable overall and contains a minimum of forty percent post-consumer recycled material; (B) is capable of composting, consistent with the timeline and specifications of the American Society of Testing and Materials (ASTM) Standard D6400; (C) is accepted for recycling in curbside programs in the city; (D) has printed on the bag the name of the manufacturer, the location (country) where the bag was manufactured, and the minimum percentage of postconsumer recycled material used; and (E) displays the word "Recyclable" in a highly visible manner on the outside of the bag.
- (9) "Reusable bag" means a bag with handles that is specifically designed and manufactured for multiple reuse and meets all of the following requirements: (A) has a minimum lifetime of one hundred twenty-five uses, which for purposes of this subsection, means the capability of carrying a minimum of twenty-two pounds one hundred twenty-five times over a distance of at least one hundred seventy-five feet; (B) has a minimum volume of fifteen liters; (C) is machine washable or is made from a material that can be cleaned or disinfected; (D) does not contain lead, cadmium, or any other heavy metal in toxic amounts; (E) has printed on the bag, or on a tag that is permanently affixed to the bag, the name of the manufacturer, the location (country) where the bag was manufactured, a statement that the bag does not contain lead, cadmium, or any other heavy metal in toxic amounts, and the percentage of postconsumer recycled material used, if any; and (F) if made of plastic, is a minimum of at least 2.25 mils thick.
- (10) "Store" means any of the following retail establishments located within the city limits of the city of Sunnyvale:
 - (A) A full-line, self-service retail store with gross annual sales of two million dollars, or more, that sells a line of dry

grocery, canned goods, or nonfood items and some perishable items;

(B) A store of at least ten thousand square feet of retail space that sells any perishable or non-perishable goods including, but not limited to, clothing, food, or personal items, and generates sales or use tax pursuant to the Bradley-Burns Uniform Local Sales and Use Tax Law (Part 1.5 (commencing with Section 7200) of Division 2 of the Revenue and Taxation Code);

(C) A drug store, pharmacy, supermarket, grocery store, convenience food store, foodmart, or other entity engaged in the retail sale of a limited line of goods that includes milk, bread, soda, and snack foods, including those stores with a Type 20 or 21 license issued by the Department of Alcoholic Beverage Control; or

(D) A store of less than ten thousand square feet of retail space that sells any perishable or non-perishable goods including, but not limited to, clothing, food, or personal items, and generates sales or use tax pursuant to the Bradley-Burns Uniform Local Sales and Use Tax Law (Part 1.5 (commencing with Section 7200) of Division 2 of the Revenue and Taxation Code). (Ord. 2965-11 § 1).

5.38.020. Plastic carryout bags prohibited.

(a) No store shall provide to any customer a plastic carryout bag.

(b) This prohibition applies to bags provided for the purpose of carrying away goods from the point of sale and does not apply to produce bags or product bags. (Ord. 2965-11 § 1).

5.38.030. Permitted bags.

All stores shall provide or make available to a customer only recyclable paper carryout bags or reusable bags for the purpose of carrying away goods or other materials from the point of sale, subject to the terms of this chapter. Nothing in this chapter prohibits customers from using bags of any type that they bring to the store themselves or from carrying away goods that are not placed in a bag, in lieu of using bags provided by the store. (Ord. 2965-11 § 1).

5.38.040. Regulation of recyclable paper carryout bags.

(a) (1) Any store that provides a recyclable paper carryout bag to a customer on or before January 1, 2014, must charge the customer ten cents for each bag provided, except as otherwise provided in this chapter.

(2) Any store that provides a recyclable paper carryout bag to a customer after January 1, 2014, must charge the customer twenty-five cents for each bag provided, except as otherwise provided in this chapter.

(b) No store shall rebate or otherwise reimburse a customer any portion of the charge required in subsection a, except as otherwise provided in this chapter.

(c) All stores must indicate on the customer receipt the number of recyclable paper carryout bags provided and the total amount charged for the bags.

(d) All stores must report to the director of environmental services, on a quarterly basis, the total number of recyclable paper carryout bags provided, the total amount of monies collected for providing recyclable paper carryout bags, and a summary of any efforts a store has undertaken to promote the use of reusable bags by customers in the prior quarter. Such reporting must be done on a form prescribed by the director of environmental services, and must be signed by a responsible agent or officer of the store confirming that the information provided on the form is accurate and complete. For the periods from January 1st through March 31st, April 1st through June 30th, July 1st through September 30th, and October 1st through December 31st, all quarterly reporting must be submitted no later than thirty days after the end of each quarter.

(e) If the reporting required in subsection e is not timely submitted by a store, such store shall be subject to the fines set forth in Section 5.38.080. (Ord. 2965-11 § 1).

5.38.050. Use of reusable bags.

Stores are strongly encouraged to educate their staff to promote reusable bags and to post signs encouraging customers to use reusable bags. (Ord. 2965-11 § 1).

5.38.060. Exemptions.

(a) All stores must provide at the point of sale, free of charge, either reusable bags or recyclable paper carryout bags or both, at the store's option, to any customer participating either in the California Special Supplemental Food Program for Women, Infants, and Children pursuant to Article 2 (commencing with Section 123275) of Chapter 1 of Part 2 of Division 106 of the Health and Safety Code or in the Supplemental Food Program pursuant to Chapter 10 (commencing with Section 15500) of Part 3 of Division 9 of the Welfare and Institutions Code.

(b) This chapter shall not apply to a charitable organization, as defined in Section 501(c)(3) of the Internal Revenue Code of 1986, or a distinct operating unit or division of the charitable organization, that reuses and recycles donated goods or materials and receives more than fifty percent of its revenues from the handling and sale of those donated goods or materials. (Ord. 2965-11 § 1).

5.38.070. Operative date.

(a) Stores defined in subsections (10)(A), (B), and (C) of Section 5.38.010 shall become subject to this chapter on June 20, 2012.

(b) Stores defined in subsection (10)(D) of Section 5.38.010 shall become subject to this chapter on March 20, 2013. (Ord. 2965-11 § 1).

5.38.080. Enforcement and violation—Penalty.

(a) The director of environmental services has primary responsibility for enforcement of this chapter. The director of environmental services is authorized to promulgate regulations and to take any and all other actions reasonable and necessary to enforce this chapter, including, but not limited to, investigating violations, issuing fines and entering the premises of any store during business hours.

(b) If the director of environmental services determines that a violation of this chapter has occurred, he or she will issue a written warning notice to the operator of a store that a violation has occurred and the potential penalties that will apply for future violations.

(c) Any store that violates or fails to comply with any of the requirements of this chapter after a written warning notice has been issued for that violation shall be guilty of an infraction.

(d) If a store has subsequent violations of this chapter that are similar in kind to the violation addressed in a written warning notice, the following penalties will be imposed and shall be payable by the operator of the store:

- (1) A fine not exceeding one hundred dollars for the first violation after the written warning notice is given;
- (2) A fine not exceeding two hundred dollars for the second violation after the written warning notice is given; or
- (3) A fine not exceeding five hundred dollars for the third and any subsequent violations after the written warning notice is given.

(e) A fine shall be imposed for each day a violation occurs or is allowed to continue.

(f) All fines collected pursuant to this chapter shall be deposited in the Solid Waste Management Fund of the department of environmental services to assist the department with its costs of implementing and enforcing the requirements of this chapter.

(g) Any store operator who receives a written warning notice or fine may request an administrative review of the accuracy of the determination or the propriety of any fine issued, by filing a written notice of appeal with the director of environmental services no later than thirty days after receipt of a written warning notice or fine, as applicable. The notice

of appeal must include all facts supporting the appeal and any statements and evidence, including copies of all written documentation and a list of any witnesses, that the appellant wishes to be considered in connection with the appeal. The appeal will be heard by a hearing officer designated by the director of environmental services. The hearing officer will conduct a hearing concerning the appeal within forty-five days from the date that the notice of appeal is filed, or on a later date if agreed upon by the appellant and the city, and will give the appellant ten days prior written notice of the date of the hearing. The hearing officer may sustain, rescind, or modify the written warning notice or fine, as applicable, by written decision. The hearing officer will have the power to waive any portion of the fine in a manner consistent with the decision. The decision of the hearing officer is final and effective on the date of service of the written decision, is not subject to further administrative review, and constitutes the final administrative decision. (Ord. 2965-11 § 1).

5.38.090. Severability.

If any section, subsection, sentence, clause, or phrase of this chapter is for any reason held to be invalid by a decision of any court of competent jurisdiction, that decision will not affect the validity of the remaining portions of this chapter. The city council hereby declares that it would have passed the ordinance codified in this chapter and each and every section, subsection, sentence, clause, or phrase not declared invalid or unconstitutional without regard to whether any portion of this chapter would be subsequently declared invalid. (Ord. 2965-11 § 1).

5.38.100. No conflict with federal or state law.

Nothing in this chapter is intended to create any requirement, power or duty that is in conflict with any federal or state law. (Ord. 2965-11 § 1).

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Section 15
Provision C.15 Exempted and Conditionally Exempted Discharges

Appendix 15-1: C.15.B.iii (1)
Planned Discharges of the Potable Water System
FY 12-13 Data Tables

Attachment 15-1 C.15.b.iii.(1) ► Planned Discharges of the Potable Water System

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Mins)	Est. Volume (gallons)	Est. Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
173-104-75	Hydrant Flushing	Calabazas Creek	7/9/2012	15	16,650	1,598,400	0.2	8.3	15	De-chlor,diffuser, gravel bags
174-101-75	Hydrant Flushing	Calabazas creek	7/9/2012	15	17,400	1,670,400	0.08	8.7	7	De-chlor,diffuser, gravel bags
174-112-75	Hydrant Flushing	Calabazas creek	7/9/2012	15	18,150	1,742,400	0.09	8.70	0	De-chlor,diffuser, gravel bags
175-101-75	Hydrant Flushing	Calabazas creek	7/9/2012	15	18,150	1,742,400	0.1	8.40	2	De-chlor,diffuser, gravel bags
186-101-75	Hydrant Flushing	Calabazas Creek	7/9/2012	15	18,450	1,771,200	0.05	8.7	0	De-chlor,diffuser, gravel bags
186-103-75	Hydrant Flushing	Calabazas creek	7/9/2012	15	18,450	1,771,200	0.08	8.70	0	De-chlor,diffuser, gravel bags
186-102-75	Hydrant Flushing	Calabazas creek	7/9/2012	15	18,450	1,771,200	0.06	8.70	1	De-chlor,diffuser, gravel bags
187-105-75	Hydrant Flushing	Calabazas Creek	7/9/2012	15	19,200	1,843,200	0.07	8.7	0	De-chlor,diffuser, gravel bags
187-101-75	Hydrant Flushing	Calabazas Creek	7/9/2012	15	19,500	1,872,000	0.08	8.6	1	De-chlor,diffuser, gravel bags
187-103-75	Hydrant Flushing	Calabazas Creek	7/9/2012	15	19,800	1,900,800	0.07	8.7	8	De-chlor,diffuser, gravel bags
187-107-75	Hydrant Flushing	Calabazas Creek	7/9/2012	15	19,800	1,900,800	0.03	8.7	0	De-chlor,diffuser, gravel bags
187-110-75	Hydrant Flushing	Calabazas Creek	7/9/2012	15	19,800	1,900,800	0.04	8.5	0	De-chlor,diffuser, gravel bags
187-102-75	Hydrant Flushing	Calabazas Creek	7/9/2012	15	20,100	1,929,600	0.09	8.7	5	De-chlor,diffuser, gravel bags
173-108-75	Hydrant Flushing	Calabazas Creek	7/9/2012	15	20,100	1,929,600	0	7.7	11	De-chlor,diffuser, gravel bags
188-103-75	Hydrant Flushing	Calabazas Creek	7/10/2012	15	16,650	1,598,400	0.1	8.4	15	De-chlor,diffuser, gravel bags
211-106-75	Hydrant Flushing	Calabazas Creek	7/10/2012	15	17,850	1,713,600	0.06	8.7	1	De-chlor,diffuser, gravel bags
190-111-75	Hydrant Flushing	Calabazas Creek	7/10/2012	15	18,150	1,742,400	0.04	8.7	0	De-chlor,diffuser, gravel bags
188-101-75	Hydrant Flushing	Calabazas Creek	7/10/2012	15	18,150	1,742,400	0.11	8.4	17	De-chlor,diffuser, gravel bags
212-104-75	Hydrant Flushing	Calabazas Creek	7/10/2012	15	18,450	1,771,200	0.07	8.3	0	De-chlor,diffuser, gravel bags
189-102-75	Hydrant Flushing	Calabazas Creek	7/10/2012	15	18,450	1,771,200	0.04	8.7	0	De-chlor,diffuser, gravel bags
212-101-75	Hydrant Flushing	Calabazas Creek	7/10/2012	15	19,200	1,843,200	0.06	8.5	3	De-chlor,diffuser, gravel bags
212-102-75	Hydrant Flushing	Calabazas Creek	7/10/2012	15	19,500	1,872,000	0.1	8.6	0	De-chlor,diffuser, gravel bags
190-104-75	Hydrant Flushing	Calabazas Creek	7/10/2012	15	20,100	1,929,600	0.04	7.4	3	De-chlor,diffuser, gravel bags
190-103-75	Hydrant Flushing	Calabazas Creek	7/10/2012	15	20,775	1,994,400	0.1	7.7	5	De-chlor,diffuser, gravel bags
190-101-75	Hydrant Flushing	Calabazas Creek	7/10/2012	15	21,075	2,023,200	0.22	7.6	0	De-chlor,diffuser, gravel bags
212-108-75	Hydrant Flushing	Calabazas creek	7/17/2012	15	18,150	1,742,400	0.04	7.4	0	De-chlor,diffuser, gravel bags
213-101-75	Hydrant Flushing	Calabazas Creek	7/17/2012	15	18,150	1,742,400	0.02	8.5	0	De-chlor,diffuser, gravel bags
213-102-75	Hydrant Flushing	Calabazas Creek	7/17/2012	15	18,150	1,742,400	0.1	8.6	0	De-chlor,diffuser, gravel bags
212-109-75	Hydrant Flushing	Calabazas Creek	7/17/2012	15	18,450	1,771,200	0.1	7.7	0	De-chlor,diffuser, gravel bags
212-112-75	Hydrant Flushing	Calabazas Creek	7/17/2012	15	19,200	1,843,200	0.1	8.5	0	De-chlor,diffuser, gravel bags
213-103-75	Hydrant Flushing	Calabazas Creek	7/18/2012	15	18,750	1,800,000	0.05	8.7	2	De-chlor,diffuser, gravel bags
214-102-75	Hydrant Flushing	Calabazas Creek	7/18/2012	15	19,200	1,843,200	0.02	8.7	6	De-chlor,diffuser, gravel bags
214-101-75	Hydrant Flushing	Calabazas Creek	7/18/2012	15	19,200	1,843,200	0.01	8.7	5	De-chlor,diffuser, gravel bags
214-105-75	Hydrant Flushing	Calabazas Creek	7/18/2012	15	19,500	1,872,000	0	8.7	5	De-chlor,diffuser, gravel bags
213-106-75	Hydrant Flushing	Calabazas Creek	7/18/2012	15	19,500	1,872,000	0.09	8.6	0	De-chlor,diffuser, gravel bags
213-108-75	Hydrant Flushing	Calabazas Creek	7/18/2012	15	19,500	1,872,000	0.04	8.7	8	De-chlor,diffuser, gravel bags
214-103-75	Hydrant Flushing	Calabazas Creek	7/18/2012	15	19,800	1,900,800	0.08	8.7	3	De-chlor,diffuser, gravel bags
215-101-75	Hydrant Flushing	Calabazas Creek	7/18/2012	15	19,800	1,900,800	0.04	8.4	0	De-chlor,diffuser, gravel bags

Attachment 15-1 C.15.b.iii.(1) ► Planned Discharges of the Potable Water System

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Mins)	Est. Volume (gallons)	Est. Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
227-109-75	Hydrant Flushing	Calabazas Creek	7/19/2012	15	19,200	1,843,200	0.04	8.2	0	De-chlor,diffuser, gravel bags
226-105-75	Hydrant Flushing	Calabazas Creek	7/19/2012	15	19,500	1,872,000	0.12	8.3	0	De-chlor,diffuser, gravel bags
226-103-75	Hydrant Flushing	Calabazas Creek	7/19/2012	15	19,800	1,900,800	0.00	8.5	2	De-chlor,diffuser, gravel bags
226-106-75	Hydrant Flushing	Calabazas Creek	7/19/2012	15	19,800	1,900,800	0.07	8.4	5	De-chlor,diffuser, gravel bags
226-109-75	Hydrant Flushing	Calabazas Creek	7/19/2012	15	19,800	1,900,800	0.05	8.7	0	De-chlor,diffuser, gravel bags
227-105-75	Hydrant Flushing	Calabazas Creek	7/19/2012	15	19,800	1,900,800	0.04	8.7	0	De-chlor,diffuser, gravel bags
227-106-75	Hydrant Flushing	Calabazas Creek	7/19/2012	15	19,800	1,900,800	0	8.7	0	De-chlor,diffuser, gravel bags
228-101-75	Hydrant Flushing	Calabazas Creek	7/19/2012	15	20,100	1,929,600	0.06	8.7	2	De-chlor,diffuser, gravel bags
225-101-74	Hydrant Flushing	Calabazas Creek	7/19/2012	15	20,400	1,958,400	0	8.4	11	De-chlor,diffuser, gravel bags
226-101-75	Hydrant Flushing	Calabazas Creek	7/19/2012	15	20,400	1,958,400	0.05	8.4	1	De-chlor,diffuser, gravel bags
227-103-75	Hydrant Flushing	Calabazas Creek	7/19/2012	15	20,400	1,958,400	0.01	8.7	0	De-chlor,diffuser, gravel bags
227-107-75	Hydrant Flushing	Calabazas Creek	7/19/2012	15	20,400	1,958,400	0.12	8.3	0	De-chlor,diffuser, gravel bags
228-108-75	Hydrant Flushing	Calabazas Creek	7/23/2012	15	18,150	1,742,400	0.03	8.60	0	De-chlor,diffuser, gravel bags
229-101-75	Hydrant Flushing	Calabazas Creek	7/23/2012	15	18,150	1,742,400	0	7.80	10	De-chlor,diffuser, gravel bags
228-110-75	Hydrant Flushing	Calabazas Creek	7/23/2012	15	18,750	1,800,000	0.08	7.80	0	De-chlor,diffuser, gravel bags
228-107-75	Hydrant Flushing	Calabazas Creek	7/23/2012	15	19,200	1,843,200	0	7.20	0	De-chlor,diffuser, gravel bags
229-105-75	Hydrant Flushing	East Channel	7/23/2012	15	19,200	1,843,200	0.05	8.70	4	De-chlor,diffuser, gravel bags
229-107-75	Hydrant Flushing	East Channel	7/23/2012	15	19,200	1,843,200	0.01	8.40	0	De-chlor,diffuser, gravel bags
228-103-75	Hydrant Flushing	Calabazas Creek	7/23/2012	15	19,500	1,872,000	0	8.30	1	De-chlor,diffuser, gravel bags
228-106-75	Hydrant Flushing	Calabazas Creek	7/23/2012	15	19,500	1,872,000	0.06	8.50	2	De-chlor,diffuser, gravel bags
228-111-75	Hydrant Flushing	Calabazas Creek	7/23/2012	15	19,500	1,872,000	0	8.70	5	De-chlor,diffuser, gravel bags
230-107-75	Hydrant Flushing	East Channel	7/23/2012	15	19,500	1,872,000	0	7.90	23	De-chlor,diffuser, gravel bags
229-108-75	Hydrant Flushing	East Channel	7/23/2012	15	19,500	1,872,000	0.07	8.70	0	De-chlor,diffuser, gravel bags
250-106-75	Hydrant Flushing	East Channel	7/24/2012	10	15,000	2,160,000	0	7.60	3	De-chlor,diffuser, gravel bags
249-116-74	Hydrant Flushing	East Channel	7/24/2012	15	21,675	2,080,800	0.01	7.50	0	De-chlor,diffuser, gravel bags
250-107-75	Hydrant Flushing	East Channel	7/24/2012	15	21,675	2,080,800	0	7.50	0	De-chlor,diffuser, gravel bags
251-107-74	Hydrant Flushing	Calabazas Creek	7/25/2012	15	18,750	1,800,000	0	7.40	0	De-chlor,diffuser, gravel bags
252-111-75	Hydrant Flushing	Calabazas Creek	7/25/2012	15	19,500	1,872,000	0.06	6.80	0	De-chlor,diffuser, gravel bags
252-109-75	Hydrant Flushing	Calabazas Creek	7/25/2012	15	19,500	1,872,000	0.02	6.90	0	De-chlor,diffuser, gravel bags
252-105-75	Hydrant Flushing	Calabazas Creek	7/25/2012	15	19,800	1,900,800	0.03	8.30	0	De-chlor,diffuser, gravel bags
254-104-75	Hydrant Flushing	Calabazas Creek	7/26/2012	15	19,200	1,843,200	0.04	8.00	2	De-chlor,diffuser, gravel bags
253-103-75	Hydrant Flushing	Calabazas Creek	7/26/2012	15	19,500	1,872,000	0.02	7.70	0	De-chlor,diffuser, gravel bags
254-108-75	Hydrant Flushing	Calabazas Creek	7/26/2012	15	20,775	1,994,400	0	7.90	0	De-chlor,diffuser, gravel bags
256-103-75	Hydrant Flushing	Calabazas Creek	8/6/2012	15	20,775	1,994,400	0	7.80	0	De-chlor,diffuser, gravel bags
266-108-75	Hydrant Flushing	Calabazas Creek	8/7/2012	15	20,400	1,958,400	0	7.70	2	De-chlor,diffuser, gravel bags
266-101-75	Hydrant Flushing	Calabazas Creek	8/7/2012	15	20,775	1,994,400	0	7.90	0	De-chlor,diffuser, gravel bags
266-103-75	Hydrant Flushing	Calabazas Creek	8/7/2012	15	20,775	1,994,400	0	7.90	0	De-chlor,diffuser, gravel bags
266-107-75	Hydrant Flushing	Calabazas Creek	8/7/2012	15	22,200	2,131,200	0.02	7.90	0	De-chlor,diffuser, gravel bags

Attachment 15-1 C.15.b.iii.(1) ► Planned Discharges of the Potable Water System

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Mins)	Est. Volume (gallons)	Est. Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
267-104-75	Hydrant Flushing	East Channel	8/13/2012	15	19,500	1,872,000	0.04	7.90	0	De-chlor,diffuser, gravel bags
267-101-75	Hydrant Flushing	East Channel	8/13/2012	15	19,800	1,900,800	0.03	7.80	4	De-chlor,diffuser, gravel bags
267-102-75	Hydrant Flushing	East Channel	8/13/2012	15	19,800	1,900,800	0	8.00	2	De-chlor,diffuser, gravel bags
267-105-75	Hydrant Flushing	East Channel	8/13/2012	15	19,800	1,900,800	0.06	8.00	1	De-chlor,diffuser, gravel bags
267-109-75	Hydrant Flushing	East Channel	8/13/2012	15	19,800	1,900,800	0.03	7.70	0	De-chlor,diffuser, gravel bags
267-110-75	Hydrant Flushing	East Channel	8/13/2012	15	19,800	1,900,800	0.05	8.00	0	De-chlor,diffuser, gravel bags
267-107-75	Hydrant Flushing	East Channel	8/13/2012	15	20,100	1,929,600	0.12	7.80	1	De-chlor,diffuser, gravel bags
267-111-75	Hydrant Flushing	East Channel	8/13/2012	15	20,100	1,929,600	0.12	7.60	0	De-chlor,diffuser, gravel bags
269-113-75	Hydrant Flushing	East Channel	8/27/2012	15	21,075	2,023,200	0.05	7.80	18	De-chlor,diffuser, gravel bags
272-107-75	Hydrant Flushing	East Channel	8/29/2012	10	15,000	2,160,000	0.02	7.70	1	De-chlor,diffuser, gravel bags
271-107-75	Hydrant Flushing	East Channel	8/29/2012	15	18,150	1,742,400	0.04	7.70	0	De-chlor,diffuser, gravel bags
270-102-75	Hydrant Flushing	Calabazas Creek	8/29/2012	15	18,750	1,800,000	0	7.70	6	De-chlor,diffuser, gravel bags
271-109-75	Hydrant Flushing	East Channel	8/29/2012	15	18,750	1,800,000	0.14	7.40	19	De-chlor,diffuser, gravel bags
269-108-75	Hydrant Flushing	Calabazas Creek	8/29/2012	15	19,200	1,843,200	0.13	8.20	6	De-chlor,diffuser, gravel bags
269-114-75	Hydrant Flushing	Calabazas Creek	8/29/2012	15	19,500	1,872,000	0.11	8.70	0	De-chlor,diffuser, gravel bags
270-106-75	Hydrant Flushing	Calabazas Creek	8/29/2012	15	19,500	1,872,000	0.02	8.20	0	De-chlor,diffuser, gravel bags
270-108-75	Hydrant Flushing	Calabazas Creek	8/29/2012	15	19,500	1,872,000	0.01	7.70	1	De-chlor,diffuser, gravel bags
272-108-75	Hydrant Flushing	East Channel	8/29/2012	15	21,075	2,023,200	0.02	7.80	2	De-chlor,diffuser, gravel bags
272-106-75	Hydrant Flushing	East Channel	8/29/2012	15	21,975	2,109,600	0.02	7.70	3	De-chlor,diffuser, gravel bags
288-107-75	Hydrant Flushing	East Channel	8/30/2012	10	15,000	2,160,000	0.03	7.50	5	De-chlor,diffuser, gravel bags
288-106-75	Hydrant Flushing	East Channel	8/30/2012	10	15,000	2,160,000	0.05	7.70	1	De-chlor,diffuser, gravel bags
291-102-75	Hydrant Flushing	East Channel	9/6/2012	15	19,500	1,872,000	0.05	7.50	16	De-chlor,diffuser, gravel bags
291-101-75	Hydrant Flushing	East Channel	9/6/2012	15	19,500	1,872,000	0.05	7.60	23	De-chlor,diffuser, gravel bags
291-104-75	Hydrant Flushing	East Channel	9/6/2012	15	19,500	1,872,000	0.05	8.00	35	De-chlor,diffuser, gravel bags
291-105-75	Hydrant Flushing	East Channel	9/6/2012	15	19,800	1,900,800	0.05	7.70	0	De-chlor,diffuser, gravel bags
292-101-75	Hydrant Flushing	East Channel	9/13/2012	15	19,500	1,872,000	0.05	7.90	7	De-chlor,diffuser, gravel bags
293-110-75	Hydrant Flushing	East Channel	9/13/2012	15	20,775	1,994,400	0.04	8.50	0	De-chlor,diffuser, gravel bags
292-104-75	Hydrant Flushing	East Channel	9/13/2012	15	21,075	2,023,200	0.05	8.40	10	De-chlor,diffuser, gravel bags
293-112-75	Hydrant Flushing	Calabazas Creek	9/19/2012	15	19,500	1,872,000	0.01	7.70	0	De-chlor,diffuser, gravel bags
294-103-75	Hydrant Flushing	Calabazas Creek	9/19/2012	15	20,775	1,994,400	0	7.60	0	De-chlor,diffuser, gravel bags
293-103-75	Hydrant Flushing	Calabazas Creek	9/19/2012	15	21,075	2,023,200	0.05	7.50	0	De-chlor,diffuser, gravel bags
294-106-75	Hydrant Flushing	Calabazas Creek	9/19/2012	15	21,075	2,023,200	0.01	8.00	0	De-chlor,diffuser, gravel bags
305-101-75	Hydrant Flushing	East Channel	9/24/2012	15	21,075	2,023,200	0.05	7.70	15	De-chlor,diffuser, gravel bags
309-108-75	Hydrant Flushing	East Channel	10/1/2012	15	19,800	1,900,800	0	8.00	5	De-chlor,diffuser, gravel bags
309-107-76	Hydrant Flushing	East Channel	10/1/2012	15	20,100	1,929,600	0.05	7.50	0	De-chlor,diffuser, gravel bags
313-107-75	Hydrant Flushing	East Channel	10/8/2012	10	15,000	2,160,000	0	7.70	0	De-chlor,diffuser, gravel bags
313-105-75	Hydrant Flushing	East Channel	10/8/2012	10	15,200	2,188,800	0.01	7.50	0	De-chlor,diffuser, gravel bags
313-106-75	Hydrant Flushing	East Channel	10/8/2012	10	15,200	2,188,800	0.01	7.70	1	De-chlor,diffuser, gravel bags

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Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Mins)	Est. Volume (gallons)	Est. Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
315-106-75	Hydrant Flushing	East Channel	10/11/2012	10	15,000	2,160,000	0.02	8.20	0	De-chlor,diffuser, gravel bags
343-103-75	Hydrant Flushing	Calabazas Creek	10/16/2012	15	19,500	1,872,000	0.05	8.50	22	De-chlor,diffuser, gravel bags
343-102-75	Hydrant Flushing	Calabazas Creek	10/16/2012	15	22,200	2,131,200	0.03	8.00	10	De-chlor,diffuser, gravel bags
343-101-75	Hydrant Flushing	Calabazas Creek	10/16/2012	15	22,500	2,160,000	0.04	8.40	21	De-chlor,diffuser, gravel bags
354-105-74	Hydrant Flushing	East Channel	10/17/2012	10	15,000	2,160,000	0.05	7.90	0	De-chlor,diffuser, gravel bags
354-108-74	Hydrant Flushing	East Channel	10/17/2012	10	15,000	2,160,000	0	7.70	0	De-chlor,diffuser, gravel bags
354-106-75	Hydrant Flushing	East Channel	10/17/2012	10	15,550	2,239,200	0.03	7.80	0	De-chlor,diffuser, gravel bags
354-104-75	Hydrant Flushing	East Channel	10/17/2012	10	15,750	2,268,000	0	7.70	0	De-chlor,diffuser, gravel bags
355-109-75	Hydrant Flushing	West Channel	10/23/2012	10	15,000	2,160,000	0.05	7.70	0	De-chlor,diffuser, gravel bags
356-101-75	Hydrant Flushing	West Channel	10/23/2012	10	15,000	2,160,000	0.05	7.60	12	De-chlor,diffuser, gravel bags
353-114-75	Hydrant Flushing	East Channel	10/24/2012	10	15,000	2,160,000	0	7.40	31	De-chlor,diffuser, gravel bags
353-115-75	Hydrant Flushing	East Channel	10/24/2012	10	15,000	2,160,000	0.05	7.40	23	De-chlor,diffuser, gravel bags
353-116-75	Hydrant Flushing	East Channel	10/24/2012	10	15,550	2,239,200	0.02	7.50	12	De-chlor,diffuser, gravel bags
358-102-75	Hydrant Flushing	West Channel	10/24/2012	15	21,075	2,023,200	0.04	7.50	13	De-chlor,diffuser, gravel bags
358-110-75	Hydrant Flushing	West Channel	10/24/2012	15	22,200	2,131,200	0.05	7.50	6	De-chlor,diffuser, gravel bags
357-108-75	Hydrant Flushing	West Channel	10/24/2012	15	22,200	2,131,200	0	7.80	8	De-chlor,diffuser, gravel bags
357-104-74	Hydrant Flushing	West Channel	10/24/2012	15	22,200	2,131,200	0.01	7.90	8	De-chlor,diffuser, gravel bags
354-109-75	Hydrant Flushing	East Channel	10/24/2012	15	22,500	2,160,000	0.05	7.10	28	De-chlor,diffuser, gravel bags
363-107-75	Hydrant Flushing	West Channel	10/29/2012	10	15,000	2,160,000	0.05	8.00	25	De-chlor,diffuser, gravel bags
364-101-74	Hydrant Flushing	West Channel	10/29/2012	10	15,000	2,160,000	0.03	8.10	5	De-chlor,diffuser, gravel bags
364-110-75	Hydrant Flushing	West Channel	10/29/2012	10	15,000	2,160,000	0.02	7.80	25	De-chlor,diffuser, gravel bags
364-106-75	Hydrant Flushing	West Channel	10/29/2012	10	15,000	2,160,000	0.04	7.80	7	De-chlor,diffuser, gravel bags
364-107-75	Hydrant Flushing	West Channel	10/29/2012	10	15,000	2,160,000	0.05	7.40	20	De-chlor,diffuser, gravel bags
365-101-74	Hydrant Flushing	West Channel	10/29/2012	10	15,000	2,160,000	0.05	7.80	16	De-chlor,diffuser, gravel bags
363-103-75	Hydrant Flushing	West Channel	10/29/2012	10	15,000	2,160,000	0.05	7.80	10	De-chlor,diffuser, gravel bags
363-110-74	Hydrant Flushing	West Channel	10/29/2012	10	15,400	2,217,600	0.03	7.40	6	De-chlor,diffuser, gravel bags
363-113-75	Hydrant Flushing	West Channel	10/29/2012	10	15,400	2,217,600	0.04	7.70	4	De-chlor,diffuser, gravel bags
364-104-75	Hydrant Flushing	West Channel	10/29/2012	10	15,400	2,217,600	0.05	7.90	11	De-chlor,diffuser, gravel bags
364-103-75	Hydrant Flushing	West Channel	10/29/2012	10	15,400	2,217,600	0.04	7.60	3	De-chlor,diffuser, gravel bags
364-108-75	Hydrant Flushing	West Channel	10/29/2012	10	15,400	2,217,600	0.02	7.70	20	De-chlor,diffuser, gravel bags
363-111-75	Hydrant Flushing	West Channel	10/29/2012	10	15,550	2,239,200	0.05	7.90	9	De-chlor,diffuser, gravel bags
363-112-75	Hydrant Flushing	West Channel	10/29/2012	10	15,550	2,239,200	0.05	7.60	6	De-chlor,diffuser, gravel bags
363-106-75	Hydrant Flushing	West Channel	10/29/2012	10	15,750	2,268,000	0	7.80	18	De-chlor,diffuser, gravel bags
364-102-75	Hydrant Flushing	West Channel	10/29/2012	10	15,750	2,268,000	0.05	7.60	0	De-chlor,diffuser, gravel bags
363-105-75	Hydrant Flushing	West Channel	10/29/2012	15	23,625	2,268,000	0.04	7.70	35	De-chlor,diffuser, gravel bags
305-106-75	Hydrant Flushing	Calabazas Creek	11/6/2012	10	15,000	2,160,000	0.05	7.70	0	De-chlor,diffuser, gravel bags
315-108-75	Hydrant Flushing	West Channel	11/7/2012	10	15,200	2,188,800	0.01	7.60	0	De-chlor,diffuser, gravel bags
363-102-75	Hydrant Flushing	West Channel	11/13/2012	10	15,000	2,160,000	0.01	7.60	0	De-chlor,diffuser, gravel bags

Attachment 15-1 C.15.b.iii.(1) ► Planned Discharges of the Potable Water System

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Mins)	Est. Volume (gallons)	Est. Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
363-101-75	Hydrant Flushing	West Channel	11/13/2012	10	15,000	2,160,000	0.04	7.70	1	De-chlor,diffuser, gravel bags
357-101-74	Hydrant Flushing	West Channel	11/13/2012	10	15,000	2,160,000	0.04	7.60	12	De-chlor,diffuser, gravel bags
362-101-75	Hydrant Flushing	West Channel	11/13/2012	10	15,200	2,188,800	0.05	7.80	16	De-chlor,diffuser, gravel bags
362-103-75	Hydrant Flushing	West Channel	11/13/2012	10	15,200	2,188,800	0.05	7.60	18	De-chlor,diffuser, gravel bags
359-101-75	Hydrant Flushing	West Channel	11/13/2012	15	22,500	2,160,000	0.05	7.80	18	De-chlor,diffuser, gravel bags
349-104-75	Hydrant Flushing	East Channel	11/14/2012	10	15,000	2,160,000	0.04	7.90	26	De-chlor,diffuser, gravel bags
349-106-75	Hydrant Flushing	East Channel	11/14/2012	10	15,000	2,160,000	0.03	7.70	19	De-chlor,diffuser, gravel bags
349-109-75	Hydrant Flushing	East Channel	11/14/2012	10	15,000	2,160,000	0.05	7.90	20	De-chlor,diffuser, gravel bags
353-111-75	Hydrant Flushing	East Channel	11/15/2012	20	31,500	2,268,000	0.04	7.90	3	De-chlor,diffuser, gravel bags
363-104-75	Hydrant Flushing	West Channel	11/16/2012	10	15,000	2,160,000	0.04	7.90	13	De-chlor,diffuser, gravel bags
363-109-75	Hydrant Flushing	West Channel	11/16/2012	10	15,000	2,160,000	0.01	8.20	2	De-chlor,diffuser, gravel bags
353-101-75	Hydrant Flushing	West Channel	11/16/2012	10	15,400	2,217,600	0.05	8.20	8	De-chlor,diffuser, gravel bags
353-102-75	Hydrant Flushing	West Channel	11/16/2012	10	15,400	2,217,600	0.05	8.00	3	De-chlor,diffuser, gravel bags
353-103-75	Hydrant Flushing	West Channel	11/16/2012	10	15,400	2,217,600	0.04	8.20	4	De-chlor,diffuser, gravel bags
352-112-75	Hydrant Flushing	West Channel	11/16/2012	10	15,550	2,239,200	0	8.30	3	De-chlor,diffuser, gravel bags
352-108-75	Hydrant Flushing	West Channel	11/16/2012	10	15,900	2,289,600	0.03	8.10	18	De-chlor,diffuser, gravel bags
356-110-75	Hydrant Flushing	West Channel	11/28/2012	10	15,000	2,160,000	0.05	8.20	0	De-chlor,diffuser, gravel bags
357-109-75	Hydrant Flushing	West Channel	11/28/2012	10	15,000	2,160,000	0.04	7.80	6	De-chlor,diffuser, gravel bags
365-102-74	Hydrant Flushing	East Channel	12/3/2012	10	15,000	2,160,000	0.04	8.00	22	De-chlor,diffuser, gravel bags
365-103-75	Hydrant Flushing	East Channel	12/3/2012	10	15,000	2,160,000	0.05	7.80	12	De-chlor,diffuser, gravel bags
365-108-75	Hydrant Flushing	East Channel	12/3/2012	10	15,000	2,160,000	0.04	7.80	8	De-chlor,diffuser, gravel bags
365-109-75	Hydrant Flushing	East Channel	12/3/2012	10	15,000	2,160,000	0.05	7.80	18	De-chlor,diffuser, gravel bags
366-104-75	Hydrant Flushing	East Channel	12/3/2012	10	15,200	2,188,800	0.03	7.60	2	De-chlor,diffuser, gravel bags
366-110-74	Hydrant Flushing	East Channel	12/3/2012	10	15,200	2,188,800	0.04	7.80	6	De-chlor,diffuser, gravel bags
366-101-75	Hydrant Flushing	East Channel	12/3/2012	10	15,400	2,217,600	0.04	7.80	12	De-chlor,diffuser, gravel bags
366-108-75	Hydrant Flushing	East Channel	12/3/2012	10	15,750	2,268,000	0.03	7.60	18	De-chlor,diffuser, gravel bags
366-109-74	Hydrant Flushing	East Channel	12/5/2012	10	15,200	2,188,800	0.04	7.80	18	De-chlor,diffuser, gravel bags
366-112-74	Hydrant Flushing	East Channel	12/5/2012	10	15,200	2,188,800	0.05	7.60	11	De-chlor,diffuser, gravel bags
367-112-74	Hydrant Flushing	East Channel	12/5/2012	10	15,200	2,188,800	0.01	8.20	0	De-chlor,diffuser, gravel bags
367-109-75	Hydrant Flushing	East Channel	12/5/2012	10	15,200	2,188,800	0.03	7.60	0	De-chlor,diffuser, gravel bags
367-107-75	Hydrant Flushing	East Channel	12/5/2012	10	15,200	2,188,800	0.04	7.80	6	De-chlor,diffuser, gravel bags
367-110-75	Hydrant Flushing	East Channel	12/5/2012	10	15,200	2,188,800	0.04	8.50	6	De-chlor,diffuser, gravel bags
366-113-74	Hydrant Flushing	East Channel	12/5/2012	10	15,550	2,239,200	0.05	7.40	35	De-chlor,diffuser, gravel bags
372-108-75	Hydrant Flushing	East Channel	12/10/2012	10	15,000	2,160,000	0.05	7.50	0	De-chlor,diffuser, gravel bags
372-107-75	Hydrant Flushing	East Channel	12/10/2012	10	15,000	2,160,000	0.04	7.60	2	De-chlor,diffuser, gravel bags
373-108-75	Hydrant Flushing	East Channel	12/10/2012	10	15,000	2,160,000	0.05	7.90	6	De-chlor,diffuser, gravel bags
373-104-75	Hydrant Flushing	East Channel	12/10/2012	10	15,000	2,160,000	0.04	7.60	12	De-chlor,diffuser, gravel bags
373-110-75	Hydrant Flushing	East Channel	12/10/2012	10	15,000	2,160,000	0	7.90	0	De-chlor,diffuser, gravel bags

Attachment 15-1 C.15.b.iii.(1) ► Planned Discharges of the Potable Water System

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Mins)	Est. Volume (gallons)	Est. Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
372-105-75	Hydrant Flushing	East Channel	12/10/2012	10	15,200	2,188,800	0.04	7.50	11	De-chlor,diffuser, gravel bags
370-102-74	Hydrant Flushing	East Channel	12/10/2012	15	21,075	2,023,200	0.01	7.60	2	De-chlor,diffuser, gravel bags
378-108-75	Hydrant Flushing	Calabazas Creek	12/12/2012	10	15,000	2,160,000	NA	NA	NA	De-chlor,diffuser, gravel bags
377-102-75	Hydrant Flushing	Calabazas Creek	12/17/2012	12	17,580	2,109,600	0	7.80	2	De-chlor,diffuser, gravel bags
378-109-75	Hydrant Flushing	Calabazas Creek	12/17/2012	15	21,975	2,109,600	0.05	7.60	6	De-chlor,diffuser, gravel bags
389-101-75	Hydrant Flushing	East Channel	1/9/2013	15	21,075	2,023,200	0.04	8.10	10	De-chlor,diffuser, gravel bags
390-105-74	Hydrant Flushing	East Channel	1/9/2013	15	21,675	2,080,800	0.05	8.30	4	De-chlor,diffuser, gravel bags
391-101-75	Hydrant Flushing	East Channel	1/10/2013	15	19,200	1,843,200	0.05	7.90	20	De-chlor,diffuser, gravel bags
392-103-74	Hydrant Flushing	East Channel	1/10/2013	15	20,775	1,994,400	0.05	8.50	18	De-chlor,diffuser, gravel bags
394-104-75	Hydrant Flushing	West Channel	1/14/2013	15	19,200	1,843,200	0.05	8.40	11	De-chlor,diffuser, gravel bags
395-109-75	Hydrant Flushing	West Channel	1/14/2013	15	19,200	1,843,200	0.04	7.70	8	De-chlor,diffuser, gravel bags
397-103-75	Hydrant Flushing	West Channel	1/15/2013	15	22,200	2,131,200	0.04	8.00	25	De-chlor,diffuser, gravel bags
398-103-75	Hydrant Flushing	West Channel	1/17/2013	15	20,775	1,994,400	0.04	8.10	16	De-chlor,diffuser, gravel bags
399-101-75	Hydrant Flushing	West Channel	1/22/2013	15	21,375	2,052,000	0.05	8.00	33	De-chlor,diffuser, gravel bags
406-116-75	Hydrant Flushing	West Channel	1/23/2013	15	19,500	1,872,000	0.04	8.20	18	De-chlor,diffuser, gravel bags
406-101-74	Hydrant Flushing	West Channel	1/23/2013	15	19,800	1,900,800	0.05	7.60	4	De-chlor,diffuser, gravel bags
406-106-75	Hydrant Flushing	West Channel	1/24/2013	45	58,500	1,872,000	NA	7.20	36	De-chlor,diffuser, gravel bags
390-106-74	Hydrant Flushing	East Channel	1/28/2013	15	20,100	1,929,600	NA	8.10	22	De-chlor,diffuser, gravel bags
466-401	B. O. Flushing	East Channel	2/4/2013	15	15,300	1,468,800	0.05	8.20	48	De-chlor,diffuser, gravel bags
407-104-74	Hydrant Flushing	East Channel	2/4/2013	15	19,800	1,900,800	0.04	8.50	10	De-chlor,diffuser, gravel bags
407-107-75	Hydrant Flushing	East Channel	2/4/2013	15	19,800	1,900,800	0.05	7.90	15	De-chlor,diffuser, gravel bags
463-401	B. O. Flushing	Calabazas Creek	2/4/2013	25	25,500	1,468,800	0.05	8.00	47	De-chlor,diffuser, gravel bags
410-105-74	Hydrant Flushing	West Channel	2/5/2013	15	21,075	2,023,200	NA	8.10	18	De-chlor,diffuser, gravel bags
411-105-75	Hydrant Flushing	East Channel	2/6/2013	15	21,075	2,023,200	0.05	7.70	46	De-chlor,diffuser, gravel bags
417-102-75	Hydrant Flushing	Calabazas Creek	2/6/2013	15	22,500	2,160,000	0.04	8.00	49	De-chlor,diffuser, gravel bags
423-102-74	Hydrant Flushing	Calabazas Creek	2/7/2013	15	22,500	2,160,000	0.05	8.50	37	De-chlor,diffuser, gravel bags
471-401	B. O. Flushing	Calabazas Creek	2/8/2013	18	18,000	1,440,000	0.05	8.20	41	De-chlor,diffuser, gravel bags
424-105-75	Hydrant Flushing	Calabazas Creek	2/11/2013	15	22,500	2,160,000	0.05	8.40	28	De-chlor,diffuser, gravel bags
418-101-75	Hydrant Flushing	Calabazas Creek	2/11/2013	15	22,800	2,188,800	0.04	8.50	49	De-chlor,diffuser, gravel bags
426-105-75	Hydrant Flushing	Calabazas Creek	2/25/2013	10	15,000	2,160,000	0.05	8.50	43	De-chlor,diffuser, gravel bags
430-103-75	Hydrant Flushing	Calabazas Creek	2/25/2013	15	19,500	1,872,000	0.04	8.00	30	De-chlor,diffuser, gravel bags
430-102-74	Hydrant Flushing	East Channel	2/28/2013	12	17,760	2,131,200	0.05	8.50	24	De-chlor,diffuser, gravel bags
429-107-74	Hydrant Flushing	East Channel	2/28/2013	15	22,200	2,131,200	NA	NA	NA	De-chlor,diffuser, gravel bags
428-101-75	Hydrant Flushing	Calabazas Creek	3/1/2013	15	22,200	2,131,200	0.04	8.50	27	De-chlor,diffuser, gravel bags
427-108-74	Hydrant Flushing	Calabazas Creek	3/1/2013	15	22,500	2,160,000	0.04	8.40	21	De-chlor,diffuser, gravel bags
432-104-75	Hydrant Flushing	East Channel	3/4/2013	15	21,075	2,023,200	NA	NA	NA	De-chlor,diffuser, gravel bags
431-106-74	Hydrant Flushing	East Channel	3/4/2013	15	22,200	2,131,200	0.05	8.50	23	De-chlor,diffuser, gravel bags
432-109-74	Hydrant Flushing	West Channel	3/5/2013	15	20,775	1,994,400	0.05	8.50	24	De-chlor,diffuser, gravel bags

Attachment 15-1 C.15.b.iii.(1) ► Planned Discharges of the Potable Water System

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Mins)	Est. Volume (gallons)	Est. Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
434-108-75	Hydrant Flushing	West Channel	3/11/2013	15	19,500	1,872,000	NA	NA	NA	De-chlor,diffuser, gravel bags
447-106-75	Hydrant Flushing	West Channel	3/11/2013	15	20,775	1,994,400	0	8.40	28	De-chlor,diffuser, gravel bags
448-107-75	Hydrant Flushing	West Channel	3/13/2013	15	21,375	2,052,000	0.4	8.40	50	De-chlor,diffuser, gravel bags
449-104-74	Hydrant Flushing	East Channel	3/13/2013	15	22,200	2,131,200	0.5	8.50	12	De-chlor,diffuser, gravel bags
449-109--74	Hydrant Flushing	East Channel	3/18/2013	15	22,200	2,131,200	0.4	8.50	27	De-chlor,diffuser, gravel bags
450-111-74	Hydrant Flushing	East Channel	3/19/2013	15	22,200	2,131,200	NA	NA	NA	De-chlor,diffuser, gravel bags
451-109-75	Hydrant Flushing	East Channel	3/19/2013	15	22,500	2,160,000	NA	8.40	23	De-chlor,diffuser, gravel bags
452-108-75	Hydrant Flushing	East Channel	3/20/2013	13	19,500	2,160,000	NA	NA	NA	De-chlor,diffuser, gravel bags
451-114-75	Hydrant Flushing	East Channel	3/20/2013	15	22,500	2,160,000	0.05	8.40	8	De-chlor,diffuser, gravel bags
451-114-75	Hydrant Flushing	East Channel	3/20/2013	15	22,500	2,160,000	NA	NA	NA	De-chlor,diffuser, gravel bags
453-101-75	Hydrant Flushing	East Channel	3/21/2013	15	21,375	2,052,000	0.5	8.40	36	De-chlor,diffuser, gravel bags
452-115-75	Hydrant Flushing	East Channel	3/21/2013	15	21,675	2,080,800	0.4	8.50	29	De-chlor,diffuser, gravel bags
454-113-74	Hydrant Flushing	Calabazas Creek	3/25/2013	15	20,100	1,929,600	0.05	8.40	16	De-chlor,diffuser, gravel bags
454-101-74	Hydrant Flushing	Calabazas Creek	3/25/2013	15	22,500	2,160,000	NA	NA	NA	De-chlor,diffuser, gravel bags
455-101-75	Hydrant Flushing	Calabazas Creek	3/26/2013	15	20,775	1,994,400	NA	NA	NA	De-chlor,diffuser, gravel bags
455-112-75	Hydrant Flushing	Calabazas Creek	3/26/2013	15	20,775	1,994,400	0.03	8.50	7	De-chlor,diffuser, gravel bags
457-102-75	Hydrant Flushing	Calabazas Creek	3/26/2013	60	83,100	1,994,400	0.5	8.40	50	De-chlor,diffuser, gravel bags
463-102-75	Hydrant Flushing	Calabazas Creek	4/2/2013	15	21,075	2,023,200	NA	NA	NA	De-chlor,diffuser, gravel bags
457-103-75	Hydrant Flushing	Calabazas Creek	4/2/2013	20	27,700	1,994,400	0.05	8.50	48	De-chlor,diffuser, gravel bags
464-104-74	Hydrant Flushing	Calabazas Creek	4/3/2013	15	21,075	2,023,200	NA	NA	NA	De-chlor,diffuser, gravel bags
465-101-74	Hydrant Flushing	Calabazas Creek	4/3/2013	15	22,500	2,160,000	0.05	8.50	18	De-chlor,diffuser, gravel bags
465-104-74	Hydrant Flushing	Calabazas Creek	4/3/2013	30	45,000	2,160,000	0.04	8.40	22	De-chlor,diffuser, gravel bags
466-104-74	Hydrant Flushing	Calabazas Creek	4/4/2013	12	18,000	2,160,000	0.05	8.40	28	De-chlor,diffuser, gravel bags
465-106-74	Hydrant Flushing	Calabazas Creek	4/4/2013	15	22,500	2,160,000	0.04	8.50	21	De-chlor,diffuser, gravel bags
467-107-74	Hydrant Flushing	Calabazas Creek	4/4/2013	15	23,100	2,217,600	NA	NA	NA	De-chlor,diffuser, gravel bags
467-106-74	Hydrant Flushing	Calabazas Creek	4/4/2013	18	27,360	2,188,800	0.05	7.60	49	De-chlor,diffuser, gravel bags
467-109-75	Hydrant Flushing	Calabazas Creek	4/9/2013	15	21,675	2,080,800	0.05	8.00	35	De-chlor,diffuser, gravel bags
469-101-74	Hydrant Flushing	East Channel	4/9/2013	15	21,975	2,109,600	0.05	8.50	13	De-chlor,diffuser, gravel bags
469-102-74	Hydrant Flushing	East Channel	4/10/2013	15	22,200	2,131,200	0.05	8.40	18	De-chlor,diffuser, gravel bags
472-108-75	Hydrant Flushing	East Channel	4/10/2013	15	22,200	2,131,200	0.05	8.10	7	De-chlor,diffuser, gravel bags
473-102-75	Hydrant Flushing	West Channel	4/11/2013	20	28,500	2,052,000	0.04	7.80	32	De-chlor,diffuser, gravel bags
474-101-75	Hydrant Flushing	West Channel	4/11/2013	25	35,625	2,052,000	0.05	7.60	29	De-chlor,diffuser, gravel bags
467-104-74	Hydrant Flushing	Calabazas Creek	4/17/2013	15	22,500	2,160,000	0.05	8.40	15	De-chlor,diffuser, gravel bags
489-103-75	Hydrant Flushing	West Channel	4/22/2013	15	22,200	2,131,200	0.05	7.40	25	De-chlor,diffuser, gravel bags
489-106-75	Hydrant Flushing	East Channel	4/22/2013	20	30,000	2,160,000	0.04	8.50	29	De-chlor,diffuser, gravel bags
491-102-75	Hydrant Flushing	East Channel	4/23/2013	15	22,500	2,160,000	0.04	8.50	23	De-chlor,diffuser, gravel bags
490-110-75	Hydrant Flushing	East Channel	4/23/2013	15	22,500	2,160,000	0.04	8.20	24	De-chlor,diffuser, gravel bags
491-108-75	Hydrant Flushing	East Channel	4/29/2013	15	22,500	2,160,000	0.04	8.50	6	De-chlor,diffuser, gravel bags

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Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Mins)	Est. Volume (gallons)	Est. Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
493-103-74	Hydrant Flushing	Calabazas Creek	4/29/2013	30	46,650	2,239,200	0.05	8.20	38	De-chlor,diffuser, gravel bags
493-102-74	Hydrant Flushing	Calabazas Creek	4/29/2013	35	53,900	2,217,600	0.05	8.40	33	De-chlor,diffuser, gravel bags
495-105-74	Hydrant Flushing	Calabazas Creek	5/1/2013	15	22,800	2,188,800	0.04	8.4	28	De-chlor,diffuser, gravel bags
494-102-74	Hydrant Flushing	Calabazas Creek	5/1/2013	20	30,000	2,160,000	0.05	8.5	46	De-chlor,diffuser, gravel bags
497-103-74	Hydrant Flushing	Calabazas Creek	5/7/2013	15	23,625	2,268,000	0.04	8.2	48	De-chlor,diffuser, gravel bags
498-101-74	Hydrant Flushing	Calabazas Creek	5/7/2013	20	31,100	2,239,200	0.05	8.4	41	De-chlor,diffuser, gravel bags
510-102-75	Hydrant Flushing	East Channel	5/13/2013	10	15,200	2,188,800	0.05	8.50	17	De-chlor,diffuser, gravel bags
507-103-74	Hydrant Flushing	Calabazas Creek	5/13/2013	15	23,625	2,268,000	0.04	7.2	36	De-chlor,diffuser, gravel bags
511-108-74	Hydrant Flushing	East Channel	5/14/2013	20	28,500	2,052,000	0.05	8.50	36	De-chlor,diffuser, gravel bags
529-102-74	Hydrant Flushing	East Channel	5/20/2013	10	15,750	2,268,000	0.04	7.40	38	De-chlor,diffuser, gravel bags
511-104-75	Hydrant Flushing	East Channel	5/20/2013	15	22,500	2,160,000	0.05	7.60	32	De-chlor,diffuser, gravel bags
514-101-75	Hydrant Flushing	East Channel	5/20/2013	15	22,800	2,188,800	0.04	7.80	32	De-chlor,diffuser, gravel bags
529-101-74	Hydrant Flushing	East Channel	5/20/2013	20	30,800	2,217,600	0.05	7.90	36	De-chlor,diffuser, gravel bags
530-102-74	Hydrant Flushing	East Channel	5/21/2013	10	15,400	2,217,600	0.04	7.40	38	De-chlor,diffuser, gravel bags
530-107-74	Hydrant Flushing	East Channel	5/21/2013	15	22,800	2,188,800	0.05	7.80	46	De-chlor,diffuser, gravel bags
487-104-75	Hydrant Flushing	West Channel	5/22/2013	15	21,975	2,109,600	0.05	8.20	22	De-chlor,diffuser, gravel bags
577-105-75	hydrant flushing	calabazas creek	6/4/2013	15	22,500	2,160,000	0.04	8.00	7	De-chlor,diffuser, gravel bags
572-106-75	hydrant flushing	West Channel	6/4/2013	20	29,600	2,131,200	0.05	7.80	NA	De-chlor,diffuser, gravel bags
576-103-75	hydrant flushing	calabazas creek	6/5/2013	10	15,000	2,160,000	0.05	8.10	2	De-chlor,diffuser, gravel bags
577-109-75	hydrant flushing	calabazas creek	6/5/2013	15	22,200	2,131,200	0.05	8.50	14	De-chlor,diffuser, gravel bags
575-103-75	hydrant flushing	West Channel	6/5/2013	15	22,200	2,131,200	0.04	8.20	22	De-chlor,diffuser, gravel bags
584-102-75	hydrant flushing	calabazas creek	6/10/2013	15	22,800	2,188,800	0.04	7.20	18	De-chlor,diffuser, gravel bags
578-101-75	hydrant flushing	calabazas creek	6/10/2013	20	30,400	2,188,800	0.05	7.40	12	De-chlor,diffuser, gravel bags
576-105-75	hydrant flushing	calabazas creek	6/11/2013	15	22,500	2,160,000	0.04	8.20	26	De-chlor,diffuser, gravel bags
587-103-75	hydrant flushing	East Channel	6/11/2013	15	22,800	2,188,800	0.05	8.40	17	De-chlor,diffuser, gravel bags
587-104-75	hydrant flushing	West Channel	6/12/2013	15	22,800	2,188,800	0.05	8.00	18	De-chlor,diffuser, gravel bags
588-108-75	hydrant flushing	West Channel	6/13/2013	15	22,500	2,160,000	0.05	8.50	14	De-chlor,diffuser, gravel bags
590-104-75	hydrant flushing	West Channel	6/13/2013	20	30,000	2,160,000	0.04	8.00	25	De-chlor,diffuser, gravel bags
591-101-75	hydrant flushing	West Channel	6/17/2013	15	22,200	2,131,200	0.05	8.40	13	De-chlor,diffuser, gravel bags
610-110-75	hydrant flushing	West Channel	6/18/2013	15	21,975	2,109,600	0.05	8.10	17	De-chlor,diffuser, gravel bags
614-104-75	hydrant flushing	East Channel	6/25/2013	15	22,500	2,160,000	0.05	8.50	31	De-chlor,diffuser, gravel bags
614-105-75	hydrant flushing	East Channel	6/25/2013	30	45,000	2,160,000	0.04	7.70	35	De-chlor,diffuser, gravel bags

FY 2012-2013 Annual Report
Permittee Name: City of Sunnyvale

Section 15
Provision C.15 Exempted and Conditionally Exempted Discharges

Appendix 15-2: C.15.B.iii (2)
Unplanned Discharges of the Potable Water System
FY 12-13 Data Tables

Attachment 15-2 C.15.b.iii.(2) ► Unlanned Discharges of the Potable Water System

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (minutes)	Est. Volume (gallons)	Est. Flow Rate (gallons /day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ¹¹	Inspector arrival time	Responding crew arrival time
732 Buckeye Ct.	Leak at Blow Off	East Channel	8/23/2012	4,320	6,480	2,160	0.01	7.30	0	De-chlor,diffuser, gravel bags	19:40	NA	19:55	19:55
Carolina & Ferndale	Unplanned	East Channel	9/5/2012	100	30,000	432,000	NA	NA	NA	De-chlor,diffuser, gravel bags	11:40	NA	11:50	11:50
755 Capella	Unplanned	East Channel	9/6/2012	20	4,000	288,000	0.04	8.20	49	De-chlor,diffuser, gravel bags	9:00	NA	9:10	9:10
720 Sequoia Dr.	Hydrant	East Channel	9/8/2012	45	81,000	2,592,000	NA	7.80	0	De-chlor,diffuser, gravel bags	5:41	NA	5:56	5:56
256-101-75	Hydrant	Calabazas Creek	9/26/2012	11	14,300	1,872,000	0.04	8.30	33	De-chlor,diffuser, gravel bags	16:26	NA	16:58	16:58
S. Fairoaks Hyd. 104	Hydrant	East Channel	9/27/2012	10	13,000	1,872,000	NA	NA	NA	De-chlor,diffuser, gravel bags	10:30	NA	10:45	10:45
110-105-75	Hydrant	East Channel	9/28/2012	11	13,046	1,707,840	NA	NA	NA	De-chlor,diffuser, gravel bags	15:45	NA	15:56	15:56
Mary & Regton Dr.	ARV Sheared	Stevens Creek	10/1/2012	28	5,600	288,000	1.18	8.50	0	De-chlor,diffuser, gravel bags	19:12	*	19:35	19:35
1247 Elko Dr.	Leak	Calabazas Creek	10/10/2012	40	8,000	288,000	NA	NA	NA	De-chlor,diffuser, gravel bags	11:00	NA	11:11	11:11
750 Lakeway	Leak	Calabazas Creek	10/12/2012	110	22,000	288,000	NA	NA	NA	De-chlor,diffuser, gravel bags	16:50	NA	17:05	17:05
750 Lakeway	Leak	Calabazas Creek	10/12/2012	110	22,000	288,000	NA	NA	NA	De-chlor,diffuser, gravel bags	16:50	NA	17:04	17:04
1584 Belleville Dr.	Service Leak	Stevens Creek	10/13/2012	80	24,000	432,000	NA	NA	NA	De-chlor,diffuser, gravel bags	11:25	NA	11:39	11:39
740 Bernardo Ave.	Main Leak	Stevens Creek	11/8/2012	35	35,000	1,440,000	NA	NA	NA	De-chlor,diffuser, gravel bags	10:55	NA	11:08	11:08
984 Ponderosa Dr.	Hydrant	East Channel	12/1/2012	30	48,000	2,304,000	0.03	8.40	47	De-chlor,diffuser, gravel bags	13:40	NA	13:55	13:55
105 W. El Cao Real	Leak	Stevens Creek	12/11/2012	35	42,000	1,728,000	NA	NA	NA	De-chlor,diffuser, gravel bags	16:15	NA	16:32	16:32
975 Lorne Ave.	Service Leak	Calabazas Creek	1/26/2013	13	65	7,200	NA	NA	NA	De-chlor,diffuser, gravel bags	17:35	NA	17:52	17:52
Weddell Dr. & Fairoaks Dr.	Hydrant	East Channel	1/27/2013	50	42,750	1,231,200	NA	NA	NA	De-chlor,diffuser, gravel bags	15:20	NA	15:37	15:37
1099 Bryant Way	Leak	East Channel	2/15/2013	195	19,500	144,000	NA	NA	NA	De-chlor,diffuser, gravel bags	18:15	NA	18:33	18:33

*The Unplanned Discharge that occurred on 10/1/2012 had a chlorine residual of 1.18 mg/L and was not reported to the Water Board.