



September 15, 2010

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

Re: City of Sunnyvale FY 2009-2010 NPDES Stormwater Permit Annual Report

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 2009-2010 and consists of the following attachments:

- 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 Lorrie B. Gervin, Environmental Division Manager at (408) 730-7268 regarding any questions or concerns.

Sincerely,

Marvin A. Rose
Director of Public Works

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

Printed on Recycled Paper

City of Sunnyvale
Urban Runoff Pollution Prevention Program

FY 09 -10
Municipal Regional Stormwater Permit Annual Report
Order R-2-2009-0074



Attachment A

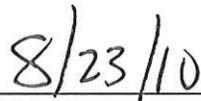
**City of Sunnyvale
FY 2009-2010 ANNUAL REPORT**

Certification Statement

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

Signature by Duly Authorized Representative:





Marvin A. Rose
Director of Public Works

Date

ATTACHMENT B

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Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Sunnyvale				
Population:	140,450				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2009-0074				
Reporting Time Period (month/year):	July 2009 through June 2010				
Name of the Responsible Authority:	Marvin A. Rose			Title:	Director of Public Works
Mailing Address:	P.O. Box 3707				
City:	Sunnyvale	Zip Code:	94086-3707	County:	Santa Clara
Telephone Number:	(408) 730-7441		Fax Number:	(408) 730-7286	
E-mail Address:	MRose@ci.sunnyvale.ca.us				
Name of the Designated Stormwater Management Program Contact (if different from above):	Lorrie B. Gervin			Title:	Environmental Division Manager
Department:	Public Works				
Mailing Address:	P.O. Box 3707				
City:	Sunnyvale	Zip Code:	94088-3707	County:	Santa Clara
Telephone Number:	(408) 730-7268		Fax Number:	(408) 747-1139	
E-mail Address:	LGervin@ci.sunnyvale.ca.us				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

Sunnyvale staff completed the information requested for the inventory of our two city-owned pump stations by March 1, 2010 and provided the information regarding the pump stations to Sue Ma, as requested via e-mail. Sunnyvale staff developed Standard Operating Procedures (SOPs) for dry-weather dissolved oxygen sampling and wet-weather monitoring at the two city-owned pump stations. These SOPs will be implemented in FY 10-11. A draft SOP for stormwater collection system screening to meet the requirements of Provision C.5 was developed and will be implemented in FY 10-11.

The Sunnyvale Corp Yard SWPPP has been in place since 1995 and the current version in use was revised in June 2006. The City will be reviewing it and revising it in FY 10-11, as needed.

Sunnyvale staff participated in the Program's Municipal Operations Ad Hoc Task Group (AHTG) and provided reviews and comments of the AHTG's work products, including dry and wet weather pump station sampling guidance. City staff also attended several of the BASMAA Municipal Operations Committee meeting and provided comments on its work products. Please see the C.2 Municipal Operations section of the Program's FY 09-10 Annual Report for a description of activities of the Municipal Operations AHTG and the BASMAA Municipal Operations Committee.

Training was conducted in the fall of 2009 to educate staff regarding polluted runoff prevention at worksites.

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

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and provide explanation in the comments section below:

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:

Debris and waste materials are controlled from street maintenance activities and kept from storm drains at all worksites. Measures include covering and/or placing berms around storm drain inlets (DI's) during pavement maintenance. Debris is vacuumed and taken to the landfill. All trucks carry sand and silt sacks in case of accidental spills, so as to keep spilled materials out of storm drain inlets.

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

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

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:

Pedestrian over-crossings of roads are often cleaned using pressure washing. Debris and runoff are captured and vacuumed to keep them from entering the storm drain collection system. Areas are swept and debris collected and properly disposed of following the BMPs outlined in the City's Urban Runoff Management Plan Standard Operating Procedures.

For sidewalk and plaza maintenance, staff is currently following BASMAA Mobile Surface Cleaner Guidelines for pavement washing and is in the process of acquiring new equipment that will improve implementation of our BMPs for public areas maintenance.

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

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

NA	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

Comments:

The City does not perform bridge or structural maintenance activities directly over water.

For other maintenance activities involving graffiti removal via power washing or other techniques that produces runoff, storm drain inlets are covered and/or bermed to prevent runoff entering storm system. Debris and runoff is vacuumed and swept up at all worksites and disposed of properly, following the BASMAA guidance and BMPs that are included in the City's SOPs for these activities.

C.2.d. ► Stormwater Pump Stations

Does your municipality own stormwater pump stations: Yes No

If your answer is **No** then skip to **C.2.e.**

(For FY 10-11 Annual Report only) Complete the following table for dry weather DO monitoring and inspection data for pump stations¹ (add more rows for additional pump stations):

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
Not required for this Annual Report. Samples are being collected in FY 10-11				

(For FY 10-11 Annual Report only) Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:

Summary: **Not required for this Annual Report. Sampling begins in FY 10-11 and will be reported then.**

Attachments:

¹ Pump stations that pump stormwater into stormwater collection systems or infiltrate into a dry creek immediately downstream are exempt from DO monitoring.

(For FY 10-11 Annual Report only) Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):

Pump Station Name and Location	Date (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)
Not required for this Annual Report.						

C.2.e. ► Rural Public Works Construction and Maintenance

Does your municipality own/maintain rural² roads: Yes No

If your answer is **No** then skip to **C.2.f.**

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. 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 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:

Based on the MRP definition of "Rural" in Footnote 2 below, the City of Sunnyvale does not have any rural roads to which the permit criteria outlined above apply. While portions of the Bay Trail found along the northern areas of the City's flood protection levees and Baylands Park do not meet the criteria for Rural Roads, we have implemented the Program's Rural Public Maintenance and Support

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.

Performance Standards and associated BMPs for their maintenance since 2003. Staff continues to implement these standards for portions of the Bay Trail within Sunnyvale’s jurisdiction. Parks maintenance staff attended the Program’s “Rural Roads Maintenance BMPs workshop in September 2008 that was presented by Ledwith Watershed Services.

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 certify that we have a current 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
<p>Comments:</p> <p>The Corporation Yard has a wash rack area where debris and runoff from washing vehicles, sweepers, and lawn mowers is discharged to a filter and treated by an oil-water separator system prior to discharge to the sanitary sewer.</p> <p>The fuel island is covered and the storage area for hazardous wastes/materials (flammables pavilion) is bermed and covered, as described in the Corp Yard SWPPP.</p> <p>Outdoor storage areas in the southwest corner of the facility for non-hazardous materials (e.g., base rock, gravel, green waste, mulch, and material collected from street sweepers) were not bermed. The City is assessing the possibility of a capital project for the covering and/or berming of dry storage areas at the Corp Yard, but funding availability is an obstacle. In the meantime, the storm drain inlet (DI) near the storage areas is being protected by straw waddles and silt sacks/screens. During the rainy season, extra steps will be taken to ensure the runoff from the dry storage area will not enter the DI, including adding extra waddles near the storage area to supplement those adjacent to the DI.</p>	

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 required)	Inspection Findings/Results	Follow-up Actions
Sunnyvale Corp Yard	10/26/09	Leaves present in storm drain inlets (DIs) (<1 cu ft.)	Leaves cleaned from DIs and properly disposed of.
Sunnyvale Corp Yard	3/29/10	Leaves present in DIs (<1 cu ft.); DIs in need of marking with “No Dumping Flows To Bay” message	Leaves removed from DIs and properly disposed of; all six (6) DIs marked (metal badges placed) with “No Dumping Flows To Bay” message.

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

C.3.a. ► New Development and Redevelopment Performance Standard Implementation Summary Report

(For FY 10-11 Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Summary:

Not required for this Annual Report. However, the City has been implementing requirements of this provision:

- The City currently has legal authority to implement C.3 provisions. We are in the process of amending SMC 12.60 to clarify new MRP requirements in our ordinance, remove those sections for alternative compliance that are no longer allowed, and to have adequate authority to implement the new requirements of the permit that become effective in 2011. Adoption by Council is expected in the fall of 2010.
- Staff has received training on the new permit requirements (5/19/10- Planning staff meeting, 6 attending and SCVURPPP training, 2 attending). One planner also attended LID training on 4/23/10 and information was relayed back to planners.
- The City developed a new flyer prior to May 1, 2010, to be provided at the front counter for all projects subject to the planning review process. The flyer provides information about site design measures in Provision C.3.a (6 & 7).

C.3.b. ► 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:

Please see the C.3 New Development and Redevelopment section of Program's FY 09-10 Annual Report for a description of activities of the C3PO AHTG Green Streets Work Group and the BASMAA Development Committee.

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

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

Please see Attached Table C.3.b.v (1) Regulated Projects Reporting Table at the end of this section.

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

(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information.

Please see attached table C.3.h.iv (1) Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting Table at the end of this section.

(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.

In general, inspection findings indicate a common problem with the inspection of installed vault based treatment systems in that most facilities are still not aware of the maintenance and documentation requirements. This is consistent with last year’s findings in that initial inspections are typically more educational in nature to ensure that the facility operator is aware of the requirements, and to establish the required maintenance program including documented inspections and clean out activities. No other typical problems were encountered.

(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).

In accordance with MRP provision C.3.h.ii.(6), Sunnyvale Environmental Division and Community Development Department have incorporated the following elements into our prioritized inspection plan for each year:

(a) Building Division inspectors will perform inspection of all newly installed stormwater treatment systems and HM controls within 45 days of installation to ensure approved plans have been followed.

(b) The Pretreatment Program will perform Operation and Maintenance Verification Inspections of installed stormwater treatment systems and HM controls. Each fiscal year, Pretreatment will inspect at least 20% of the total number (at the end of the preceding fiscal year) of installed stormwater systems.

(c) Each fiscal year, Pretreatment will inspect at least 20% of the total number (at the end of the preceding fiscal year) of installed vault based systems; and

(d) All installed stormwater treatment systems will be inspected by Pretreatment at least every five years.

In addition, Environmental Division Inspectors will continue to attend training, as it becomes available. This year, one inspector attended the Annual SCVUPRRR C3 Training held in June 2010. One inspector also attended several sessions regarding “Stormwater Treatment 101” and “Stormwater Issues” at the Annual CWEA P3S Conference held March 1-3, 2010.

The City will continue to evaluate ways to coordinate C3 requirements and internal processes to ensure compliance with data collection and reporting requirements.

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 ³ , Street Address	Name of Developer	Project Phase No. ⁴	Project Type & Description ⁵	Project Watershed ⁶	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New and/or Replaced Impervious Surface Area ⁷ (ft ²)	Total Pre-Project Impervious Surface Area ⁸ (ft ²)	Total Post-Project Impervious Surface Area ⁹ (ft ²)
Private Projects										
2009-0896	590 Old San Francisco Road	Old San Francisco Road, LLC	N/A	Redevelopment of existing commercial center.	Sunnyvale East Channel	30,100 sf (0.7 acres)	30,100 sf (0.7 acres)	23,680 sf	23,680 sf	23,680 sf
Public Projects										
No regulated projects approved in FY 09-10.										

³ Include cross streets

⁴ If a project is being constructed in phases, use a separate row entry for each phase.

⁵ 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.

⁶ State the watershed(s) that the Regulated Project drains to. Optional but recommended: Also state the downstream watershed(s).

⁷ State both the total new impervious surface area and the total replaced impervious surface area, as applicable.

⁸ For redevelopment projects, state the pre-project impervious surface area.

⁹ For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Status of Project ¹⁰	Source Control Measures ¹¹	Site Design Measures ¹²	Treatment Systems Approved ¹³	Operation & Maintenance Responsibility Mechanism ¹⁴	Hydraulic Sizing Criteria ¹⁵	Alternative Compliance Measures ^{16/17}	Alternative Certification ¹⁸	HM Controls ^{19/20}
Private Projects									
2009-0896	Submittal: 11/19/08 Complete: 1/6/10 Approved: 1/27/10	Beneficial Landscaping; Covered Dumpster Area	Disconnect Downspouts	Bioretention area, vegetated bioswale	As per Sunnyvale Municipal Code (12.60.200) and submittal of Final Stormwater Management and Maintenance Plan included in approved construction drawings.	Flow (2.c) The flow of runoff resulting from a rain event equal to at least 0.2 inches per hour intensity.	Not Applicable	Third party certification of design flow (C.3.d) to be done during building permit review and before building permit is issued.	Not Applicable
Public Projects									
No regulated projects approved in FY 09-10.									

¹⁰ For private projects, state project application submittal date; application deemed complete date; and, final discretionary approval date. For public projects, state plans and specifications approval date.

¹¹ 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.

¹² 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.

¹³ 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.).

¹⁴ 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.

¹⁵ See Provision C.3.d. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3)

¹⁶ 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.

¹⁷ 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.

¹⁸ Note whether a third party was used to certify the project design complies with Provision C.3.d.

¹⁹ If HM control is not required, state why not.

²⁰ 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. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

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

APN # for Facility/ Site Inspected and Location	Party Responsible ²¹ For Maintenance	Date of Inspection	Type of Inspection ²²	Type of Treatment/HM Control(s) Inspected ²³	Inspection Findings or Results ²⁴	Enforcement Action Taken ²⁵	Comments
201-22-010/ 707 S. Mathilda Avenue Classics at Las Palmas Park	HOA / Derek Pater	6/22/2010	Routine	Vegetated Swale	No Visible/Apparent Problems	None	
201-22-010 / 707 S. Mathilda Avenue Classics at Las Palmas Park	HOA / Derek Pater	6/22/2010	Routine	Hydrodynamic Separators	Other	None	Maintenance records needed, follow up needed to obtain required documentation.
201-22-010/ 707 S. Mathilda Avenue Classics at Las Palmas Park	HOA / Derek Pater	6/22/2010	Routine	Infiltration Basin	No Visible/Apparent Problems	None	
323-30-055/ 1485 Yukon Drive Classics at Sunnyvale Manor	HOA / Theodore Iacob	6/23/2010	Routine	Hydrodynamic Separators	Other	None	Maintenance records needed, follow up needed to obtain required documentation.
323-30-055 / 1485 Yukon Drive Classics at Sunnyvale Manor	HOA / Theodore Iacob	6/23/2010	Routine	Infiltration Basin	No Visible/Apparent Problems	None	
201-22-016/ 398 W. El Camino Real Cherry Glenn Plaza	Paul Biagini	6/18/2010	Routine	Vegetated Swale	No Visible/Apparent Problems	None	

²¹ State the responsible operator for installed stormwater treatment systems and HM controls.

²² State the type of inspection (e.g., annual, follow-up, spot, etc.).

²³ 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.

²⁴ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

²⁵ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

APN # for Facility/ Site Inspected and Location	Party Responsible ²⁶ For Maintenance	Date of Inspection	Type of Inspection ²⁷	Type of Treatment/HM Control(s) Inspected ²⁸	Inspection Findings or Results ²⁹	Enforcement Action Taken ³⁰	Comments
201-22-016/ 398 W. El Camino Real Cherry Glenn Plaza	Paul Biagini	6/18/2010	Routine	Hydrodynamic Separators	No Visible/Apparent Problems	None	
165-30-015/ 411 N. Pastoria Avenue Verizon Wireless	Dave Robertson	6/21/2010	Routine	Vegetated Swale	No Visible/Apparent Problems	None	
165-30-015/ 411 N. Pastoria Avenue Verizon Wireless	Dave Robertson	6/21/2010	Routine	Vortex Separator	Other	None	Maintenance records needed, follow up needed to obtain required documentation.
110-01-025, 026, 209/ 1111 Lockheed Martin Way Lockheed Martin	Kirk Willard	5/28/2010	Routine	Vegetated Swale	No Visible/Apparent Problems	None	
110-01-025, 026, 209/ 1111 Lockheed Martin Way Lockheed Martin	Kirk Willard	5/28/2010	Routine	Vegetated Buffer Strip	No Visible/Apparent Problems	None	
110-01-025, 026, 209/ 1111 Lockheed Martin Way Lockheed Martin	Kirk Willard	5/28/2010	Routine	Wet Pond	No Visible/Apparent Problems	None	

²⁶ State the responsible operator for installed stormwater treatment systems and HM controls.

²⁷ State the type of inspection (e.g., annual, follow-up, spot, etc.).

²⁸ 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.

²⁹ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

³⁰ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

APN # for Facility/ Site Inspected and Location	Party Responsible ³¹ For Maintenance	Date of Inspection	Type of Inspection ³²	Type of Treatment/HM Control(s) Inspected ³³	Inspection Findings or Results ³⁴	Enforcement Action Taken ³⁵	Comments
110-01-025, 026, 209/ 1111 Lockheed Martin Way Lockheed Martin	Kirk Willard	5/28/2010	Routine	Wetland	No Visible/Apparent Problems	None	
110-01-025, 026, 209/ 1111 Lockheed Martin Way Lockheed Martin	Kirk Willard	5/28/2010	Routine	Drain Insert	No Visible/Apparent Problems	None	
110-01-025, 026, 209/ 111 Lockheed Martin Way Lockheed Martin	Kirk Willard	5/28/2010	Routine	Infiltration Trench	No Visible/Apparent Problems	None	
110-14-101/ 1046 Morse Avenue. Parkside Villas	Nathan Matson	5/21/2010	Routine	Hydrodynamic Separators	No Visible/Apparent Problems	None	
110-26-045, 110-26- 046 1376 & 1380 Bordeaux Dr. Bordeaux Center	Mark Smith	11/20/ 2009	Initial	Hydrodynamic Separators	Other	Verbal Notice	
110-26-041/ 111 Java Dr. B531 Java Metro Center	David Clock	3/29/2010	Initial	Vegetated Swale	No Visible/Apparent Problems	None	
110-26-041 111 Java Dr. B531 Java Metro Center	David Clock	3/29/2010	Initial	Hydrodynamic Separators	Other	Verbal Notice	Maintenance records needed, follow up needed to obtain required documentation.

³¹ State the responsible operator for installed stormwater treatment systems and HM controls.

³² State the type of inspection (e.g., annual, follow-up, spot, etc.).

³³ 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.

³⁴ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

³⁵ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

APN # for Facility/ Site Inspected and Location	Party Responsible ³⁶ For Maintenance	Date of Inspection	Type of Inspection ³⁷	Type of Treatment/HM Control(s) Inspected ³⁸	Inspection Findings or Results ³⁹	Enforcement Action Taken ⁴⁰	Comments
110-14-168/ 1035 N. Fair Oaks Classics at Crossman Place	Classic Communities Inc.	6/30/2010	Initial	Vegetated Swale	No Visible/Apparent Problems	None	
10-14-168/ 1035 N. Fair Oaks Classics at Crossman Place	Classic Communities Inc.	6/30/2010	Initial	Hydrodynamic Separators	BMP Access Obstructed	Warning Notice	Maintenance records needed.
110-14-170/ 488 Tasman Danbury Place	Pulte Home Corp. Denese Walsh	6/30/2010	Routine	Hydrodynamic Separators	No Visible/Apparent Problems	None	
205-27-004/ 811 E. Arques Ave. Lowe's	Front Range Environmental	6/11/2010	Routine	Vegetated Buffer Strip	Evidence of Contaminants & Pollution	Verbal Notice	
205-27-004 811 E. Arques Ave. Lowe's	Front Range Environmental	6/11/2010	Routine	Hydrodynamic Separators	Trash/Debris Accumulation or Dumping	Verbal Notice	
213-01-026/ 1156 Aster Avenue Aster Place	HOA – Professional Association Service	6/18/2010	Routine	Vortex Separator	No Visible/Apparent Problems	Verbal Notice	Maintenance records needed.
205-26-005/ 875 E. Arques Avenue Super Space Self Storage	Jeff Taylor	6/28/2010	Routine	Vegetated Buffer Strip	Invasive/Nuisance Vegetation or Weeds	Verbal Notice	
205-26-005/ 875 E. Arques Avenue Super Space Self Storage	Jeff Taylor	6/28/2010	Routine	Hydrodynamic Separators	Sediment Accumulation	Verbal Notice	

³⁶ State the responsible operator for installed stormwater treatment systems and HM controls.

³⁷ State the type of inspection (e.g., annual, follow-up, spot, etc.).

³⁸ 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.

³⁹ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

⁴⁰ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

APN # for Facility/ Site Inspected and Location	Party Responsible ⁴¹ For Maintenance	Date of Inspection	Type of Inspection ⁴²	Type of Treatment/HM Control(s) Inspected ⁴³	Inspection Findings or Results ⁴⁴	Enforcement Action Taken ⁴⁵	Comments
211-25-001/ 760/770 E. El Camino Real Best Buy / Pet Smart	Marcel Sloane	12/9/2009	Routine	Vegetated Swale	Sediment Accumulation	Warning Notice	
211-25-001/ 760/770 E. El Camino Real Best Buy / Pet Smart	Marcel Sloane	12/9/2009	Routine	Hydrodynamic Separators	No Visible/Apparent Problems	None	
209-13-059, 209-13- 060/ 624/628 E. Evelyn Avenue Britton Place	REM - Marcel Sloane	3/9/2010	Routine	Vegetated Swale	Poor Vegetation Coverage	Verbal Notice	
209-13-059, 209-13- 060/ 624/628 E. Evelyn Avenue Britton Place	REM - Marcel Sloane	3/9/2010	Routine	Vortex Separator	No Visible/Apparent Problems	None	
211-25-002/ 782 / 820 E. El Camino Real Walgreens / Panda Express	San Mateo CPP Investors	12/2/2009	Routine	Vegetated Swale	No Visible/Apparent Problems	None	
211-25-002/ 782 / 820 E. El Camino Real Walgreens / Panda Express	San Mateo CPP Investors	12/2/2009	Routine	Hydrodynamic Separators	No Visible/Apparent Problems	Verbal Notice	Maintenance records needed.

⁴¹ State the responsible operator for installed stormwater treatment systems and HM controls.

⁴² State the type of inspection (e.g., annual, follow-up, spot, etc.).

⁴³ 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.

⁴⁴ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

⁴⁵ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

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

C.4.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to obtain effective stormwater pollutant control on industrial sites? Yes No

If **No**, explain:

C.4.c.ii.(5) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010? Yes No

If **No**, explain:

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

- Sunnyvale currently has legal authority to obtain stormwater pollutant control on industrial sites. However, to effectively and clearly maintain stormwater pollutant control at industrial sites and to maintain clear consistency with the MRP, significant progress has occurred during FY 09-10 to update and revise Sunnyvale Municipal Code (SMC) Chapter 12.60. The revised SMC Chapter 12.60 will be going to Council for adoption in the fall of 2010.
- An Enforcement Response Plan was in place prior to April 1, 2010. However, to clarify and better track enforcement responses per the MRP, revisions to the existing plan were approved on 5/14/10 by the Environmental Division Manager. It is anticipated that additional revisions to the ERP will occur in FY 10-11, once additional enforcement tools become available after amendments to the Sunnyvale Municipal Code Chapter 12.60 are adopted by Council.
- Sunnyvale updated its Business Inspection Plan to include prioritization criteria, facilities lists, and inspection procedures. The Business Inspection Plan will be updated as needed in the future for consistency with the upcoming revisions to SMC Chapter 12.60.
- In addition, the Sunnyvale Commercial Database has been modified to maintain all of the required recordkeeping data, as well as generate the required reporting data.
- The City completed 360 Industrial/Commercial inspections during the reporting period; 37 verbal warnings and 10 warning notices were issued for a total of 47 enforcement actions.
- Staff attended stormwater training at the CWEA annual P3S conference as well as Provision C.3-related training in FY 10-11. SCVURPPP/BASMAA developed training on Industrial/Commercial Pollutants of Concern (PCBs, Mercury, and Copper) was received in July 2010.
- Sunnyvale has actively participated in the SCVURPPP IND-IDDE Ad-Hoc Task Group (IND-AHTG). The Task Group facilitated the development of regional standard stormwater facility category types that will be used in data tracking and reporting.

applications. Sunnyvale has updated all stormwater inspection forms to include all information required for recordkeeping in Provision C.4.b.ii.(6) and C.4.c.ii.(4).

- Please see the C.4. Industrial and Commercial Site Controls section of the Program's FY 09-10 Annual Report for a description of activities of the IND/IDDE AHTG and the BASMAA Municipal Operations Committee.

C.4.b.i. ► Business Inspection Plan

(For FY 09-10 Annual Report only) Do you have a Business Inspection Plan? Yes 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 Sunnyvale Commercial Database maintains the list of facilities in our Inspection plan. See Appendix 4-1: C.4.b.iii (1) Potential Facilities List for the current facilities listed in the database.

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.

See Appendix 4-2: C.4.b.iii (2) Facilities Scheduled for Inspection in FY 10-11.

C.4.c.iii.(1) ► Facility Inspections

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

	Number	Percent
Number of businesses inspected (if known)	357	
Total number of inspections conducted	360	
Violations issued (excluding verbal warnings)	10	
Sites inspected in violation	6	1.7%
Violations ¹ resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	8	80%

¹ Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does 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.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. non-stormwater discharge)	5
Potential discharge (e.g. BMPs not in place or ineffective)	5

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) ¹	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ²
Level 1	Verbal Warning	37	79%
Level 2	Warning Notice	10	21%
Level 3	Notice of Violation	0	0%
Level 4	Administrative Order/ Penalty	0	0%
Total		47	

Notes:

¹Agencies to list specific enforcement actions as defined in their ERPs.

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

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

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

Business Category ¹	Actual Discharge Violations	Potential Discharge Violations
Domestic	1	
Food Service	4	4
Permitted		1

Notes:

¹ List your Program's standard business categories.

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:

No industries were identified during inspections this fiscal year that were required to have coverage under the Industrial General Permit that did not already have coverage.

C.4.d.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Pollutants of Concern IND training.	7/12/10	Identifying pollutants of concern at commercial and industrial stormwater inspections, PCBs, Copper, Mercury.	5	100%
SCVURPPP- Complying with New Stormwater Requirements for New & Redevelopment Projects	6/8/10	Review of new requirements for development projects and LID measures.	1	20%
CWEA Annual P3S Conference	March 1-3, 2010	U.S. EPA and SWRCB Updates, MS4 Permit Trends, Stormwater enforcement case study, Stormwater Treatment 101	1	20%

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

C.5.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to prohibit and control illicit discharges and escalate stricter enforcement to achieve expedient compliance? Yes No

If **No**, explain:

C.5.b.ii.(4) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010? Yes No

If **No**, explain:

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

Below is a summary of activities for the reporting year conducted by Sunnyvale:

- **The City currently has adequate legal authority. However, significant progress has occurred during FY 09-10 to update and revise Sunnyvale Municipal Code (SMC) Title 12.60 to more effectively and clearly control and enforce illicit discharges and connections to stormwater collection systems, and to maintain clear consistency with the MRP. The revised Chapter 12.60 will be going to Council for adoption in the fall of 2010.**
- **An existing Enforcement Response Plan was in place prior to April 1, 2010. However, to clarify and better track enforcement responses per the MRP, revisions to the existing plan were approved on 5/14/10 by the Environmental Division Manager. It is anticipated that additional revisions to the ERP will occur in FY 10-11, once additional enforcement tools become available after revisions to the Sunnyvale Municipal Code Chapter 12.60 are adopted by Council.**
- **The City of Sunnyvale has updated its IDDE database, complaint, and inspection forms to more efficiently capture all required data and reporting information. In addition, as part of the development and implementation of the IND / IDDE Enforcement Response Plan, the Environmental Division has developed a way to coordinate with the Department of Public Safety (DPS) in order to track responses by DPS to off-hours incidents of illegal dumping or discharges that are non-emergency in nature. This allows for the appropriate follow up and response, including education and / or enforcement for discharges that may not have been previously tracked or recorded.**
- **Maps(s) of the MS4 publicly were made available by July 1, 2010. See City's website at <http://sunnyvale.ca.gov/Departments/PublicWorks/Sewers/StormDrains.aspx> to view a map of the City's storm drain collection system. A copy of the Oakland Museum Maps that also shows the City's collection system distributed on three different**

watershed maps is available from the Program’s website at www.scvurppp.org .

- Sunnyvale began developing a collection system screening program in FY 09-10 that will be initiated in the dry season of FY 10-11. Results of the inspection system screening will be reported in FY 10-11.
- Sunnyvale staff participated in the Program’s IND/IDDE Ad Hoc Task Group (AHTG) and reviewed/provided input on AHTG products, including collection system screening program guidance.
- Sunnyvale staff attended several of the BASMAA Municipal Operations Committee meetings and provided comments/input on work products of the group. See the C.5 Illicit Discharge Detection and Elimination section of Program’s FY 09-10 Annual Report for 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
---------	-------------	--------------

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

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.

Sunnyvale currently addresses mobile businesses by responding to any complaints/observations of illicit discharges on an as needed basis and shares the BMPs recommended by the BASMAA Mobile Surface Cleaners Program with those that we encounter. In addition, Sunnyvale has a practice of recommending certified Mobile Surface Cleaners.

The City rarely hires contractors to perform outdoor surface cleaning. City staff in the Community Services Department (Parks) has training plans for FY 10-11 that include taking the BASMAA Mobile Surface cleaner training program. They currently implement the standard operating procedures that are in place in the City’s Urban Runoff Management Plan which, incorporate the BMPs identified in the BASMAA program.

For additional information, see the C.5 Illicit Discharge Detection and Elimination section of Program’s FY 09-10 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:

A formal screening program using the guidance from the USEPA/Center for Watershed Protection publication *Illicit Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assessment* has not been fully implemented as of June 30, 2010. A Standard Operating Procedures (SOP) for the Collection System Screening Program, including changes to the existing Storm Drain Inlet (SDI) inspection form and adding a new outfall inspection form and procedures have been developed and will be used for SDI cleaning/inspections starting in FY 10-11. Implementation of the SOP for dry – weather monitoring of outfalls will also begin in FY 10-11. Data collected during the FY 10-11 collection system screening inspections will be reported in that year’s annual report.

Sunnyvale staff has been participating in the Program’s IND/IDDE Ad Hoc Task Group (AHTG) to assist in the development of collection system screening program guidance to be implemented in FY 10-11. See section C.5 of the Program’s IND/IDDE section of the FY 09-10 Annual Report for a description of all the activities of the AHTG.

Currently, Field Services staff notifies IDDE inspection staff if they find a suspicious discharge in Storm Drain Inlets (SDIs) when they perform their annual cleaning activities before the beginning of the wet season. IDDE inspectors follow up and report on results as IDDE incidents in the annual report.

Public Works Field Services staff, as well as Parks workers receive annual training and a copy of the Illicit Discharge to Storm Drains Response card for them to keep in their vehicles or at job sites. The cards provide examples of what to look for and contact information if they observe a problem discharge to the SDIs.

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))	8	26%
Discharges resolved in a timely manner (C.5.f.iii.(3))	29	93%

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

Provide a narrative or attach a table and/or graph. **See Table Below:**

Category Name	Number of Complaints
Paint	7
Misc. Incident	4
Equipment Cleaning	3
Un-Hardened Concrete	2
Tracking Soil	2
Saw Cutting Slurry	2
Sanitary Spill	2
Pools/Spas/Fountains	2
Dumpster Discharge	2
Vehicle and Equipment Leaking	1
Surface Cleaning	1
Landscaping Material	1
Dumping, Non-hazardous	1
Carpet Cleaning	1

Section 6 – Provision C.6 Construction Site Controls

C.6.a.iii ► Legal Authority

(For FY 09-10 Annual Report only) Is your agency's legal authority adequate for C.6 compliance? Yes No

If **No**, explain:

C.6.b.ii.(3) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Was your Enforcement Response Plan developed and implemented by April 1, 2010? Yes No

If **No**, explain:

C.6.e.iii.1.a, b, c ► Site/Inspection Totals

Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (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 (C.6.e.iii.1.c)
Private Projects:		
0	9	78
Public Projects:		
18	0	18

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations¹	% of Total Violations²
Private Projects:		
Erosion Control	9	13%
Run-on and Run-off Control	6	8%
Sediment Control	15	21%
Active Treatment Systems	0	0%
Good Site Management	38	53%
Non Stormwater Management	4	6%
Total	72	100%
Public Projects:		
Erosion Control	1	10%
Run-on and Run-off Control	3	30%
Sediment Control	3	30%
Active Treatment Systems	0	0%
Good Site Management	3	30%
Non Stormwater Management	0	0%
Total	10	100%

Notes:

¹Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

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

C.6.e.iii.1.e ► Construction Related Storm Water Enforcement Actions			
	Enforcement Action (as listed in ERP) ¹	Number Enforcement Actions Taken	% Enforcement Actions Taken²
Private Projects:			
Level 1	Notice of Correction	54	95%
Level 2	Notice of Violation	2	4%
Level 3	Stop Work Order	1	1%
Level 4	Administrative Actions	0	0%
Total		57	100%
Public Projects:			
Level 1	Notice of Correction	4	66%
Level 2	Notice of Violation	2	34%
Level 3	Stop Work Order	0	
Level 4	Administrative Actions	0	
Total		6	100%

Notes:

¹Agencies should list the specific enforcement actions as defined in their ERPs.

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

C.6.e.iii.1.f, g ► Illicit Discharges		Number
Private Projects:		
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)		1
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)		1
Public Projects:		
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)		0
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)		0

C.6.e.iii.1.h, i ► Violation Correction Times		
	Number	Percent
Private Projects:		
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	70	97% ²
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	2	3% ³
Total number of violations for the reporting year¹	72	100%
Public Projects:		
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	6	100%
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0%
Total number of violations for the reporting year¹	6	100%

Notes:

- ¹Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does 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.
- ²Calculated 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.
- ³Calculated 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.

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.).
<p>Description:</p> <p>Private Projects: Staff began using the new site inspection form in March 2010 when they became available. All of the data collected in 09-10 reporting year was included in the electronic tracking system. Not all data were available for this report because some information was not previously tracked on the construction inspection forms prior to MRP adoption.</p> <p>Public Projects: Staff began using the new site inspection forms in March 2010 when they became available. The data shows the level of violations on the City's Public projects. Two thirds of these violations were Level 1 and were addressed after verbal directions. Overall, contractors worked closely with the City's inspectors to ensure compliance with the stormwater pollution prevention requirements. Comparisons with last year's data will not be feasible, since this is the first year of collecting such data.</p>

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:

Private Projects:

The City's Community Development Department/ Building Safety Division performed the following actions in FY 09-10:

- 1) Revised storm water construction inspection forms and inspection data tracking;**
- 2) Developed electronic tracking system;**
- 3) Revised operating procedures and provided training to all inspectors on new requirements;**
- 4) Began using the new inspection forms in March 2010;**
- 5) Participated in the Program's Construction AD Hoc Task Group (AHTG) and reviewed AHTG products, including a template construction inspection form, an inspection data tracking spreadsheet, and guidance for identifying high priority sites.;**
- 6) Started using the Stormwater Best Management Practices Handbook Portal for Construction. See also the C.6 Construction Site Control section of the Program's FY 09-10 Annual Report for a description of the activities of the SCVURPPP Construction AHTG and the BASMAA Development Committee.**

The City will continue staff training on the ERP and inspection/enforcement per the ERP process in FY 10-11. Revisions to the "Blueprint for a Clean Bay" guidance from BASMAA will be included as outreach to contractors once they become available.

Public Projects:

Public Works Department/ Engineering Services Division performed the following actions in FY 09-10:

- 1) Revised storm water construction inspection forms and inspection data tracking;**
- 2) Developed electronic tracking system;**
- 3) Revised operating procedures and provided training to all inspectors on new requirements;**
- 4) Began using the new inspection forms in March 2010;**
- 5) Participated in the Program's Construction AD Hoc Task Group (AHTG) and reviewed AHTG products, including a template construction inspection form, an inspection data tracking spreadsheet, and guidance for identifying high priority sites.;**
- 6) Started using the Stormwater Best Management Practices Handbook Portal for Construction. See also the C.6 Construction Site Control section of the Program's FY 09-10 Annual Report for a description of the activities of the SCVURPPP Construction AHTG and the BASMAA Development Committee.**

The City will continue staff training on the ERP and inspection/enforcement per the ERP process in FY 10-11. Revisions to the Public Works Storm Water Pollution Prevention Specifications will be included in future Capital Improvement projects.

City's efforts to implement the new permit's requirements have been well coordinated. Inspectors were well trained and tracking

procedures of violations and corrections were put in place. The regionally generated inspection template along with the data tracking spreadsheet have made this year’s reporting a much easier task for all involved.

No improvements are needed at this time except for the need to maintain inspector attendance for provided refresher courses and training.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Private Projects:				
Start of Winter: Construction Site Requirements	9/28/09	Review of Storm Water Pollution Prevention and Construction Site Requirements During the Rainy Season	11	100%
SCVURPPP Construction Site Inspection Training	10/21/09	Erosion control at construction sites	1	9%
New C .3 and C.6 requirements in MRP	3/24/10	Requirements of ERP and New Inspection Reporting Forms	11	100%
SCVURPPP Construction Management Workshop	1/19/10	Erosion control at construction sites	3	27%
CASQA Construction BMP Handbook	6/23/10	BMP Web Portal	1	9%
Public Projects:				
New C .3 and C.6 requirements in MRP (Project Admin. Inspectors, Capital Project Engineers, and City Engineers)	3/26/10 & 4/20/10	Regional Plan Updates, NOI, Reporting Requirements, SWPPP, BMPS, permitting process and ERP	10	77%
New C .3 and C.6 requirements in MRP (Mathilda Project Contractors/Inspectors)	4/14/10	City's ERP inspection, enforcement & reporting requirements	7	100%
SCVURPPP C.3 Workshop (Capital Project Engineers and City Engineers)	6/8/10	Complying with new stormwater requirements for new and redevelopment projects	6	75%
SCVURPPP Construction Management Workshop (Project Admin. Inspectors)	1/19/10	Erosion control at construction sites	2	40%

Section 7 – Provision C.7 Public Information and Outreach

C.7.b.ii.1 ► Advertising Campaign

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

Summary:
For Sunnyvale’s campaign details, see Appendix 7-1.
Examples of advertising materials are available for review upon request.
The following separate reports developed by SCVURPPP summarize countywide advertising efforts conducted during FY 09-10:

- **FY 09-10 Watershed Watch Campaign Annual Campaign Report**
- **FY 09-10 Watershed Watch Partner Report**
- **FY 09-10 Watershed Watch Web Statistics Report**

These reports are included within the C.7 Public Information and Outreach section of Program’s FY 09-10 Annual Report.

C.7.b.iii.1 ► Pre-Campaign Survey

(For the FY 10-11 Annual Report only) 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:

- Summary of how the survey was implemented.
- Analysis of the survey results.
- Discussion of the outreach strategies based on the survey results.
- Discussion of planned or future advertising campaigns to influence awareness and behavior changes regarding trash/litter and pesticides.

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

<input type="checkbox"/>	Survey report attached: Not required for this Annual Report.
<input type="checkbox"/>	Reference to regional submittal: Not required for this 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:

For Sunnyvale's media relation effort details, see Appendix 7-2.

Examples of media outreach efforts are available for review upon request.

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 09-10:

- **BASMAA Media Relations Final Report**

This report is included within the C.7 Public Information and Outreach section of Program's FY 09-10 Annual Report.

C.7.d ► Stormwater Point of Contact

(For FY 09-10 Annual Report only, unless changes made) Provide details of website or phone number used as the point of contact. Report on how the point of contact is publicized and maintained. If any change occurs in this contact, report in a subsequent Annual Report.

Contact Summary:

Point of contact information for Sunnyvale can be found at the following site:

<http://sunnyvale.ca.gov/Departments/PublicWorks/Sewers/StormDrains.aspx> and on the home page of the WPCP site(Reporting Spills and Dumping) at wpcp.inSunnyvale.com

The contact phone number is (408) 730-7270. The point of contact is maintained by Sunnyvale WPCP staff between 7 AM and 4 PM, Monday – Friday. Outside these business hours, callers are referred by the answering machine to contact Public Safety Dispatch at (408) 730-7181 or to call 911 in the case of an emergency.

Collectively, an additional point of contact is the Watershed Watch Campaign hotline (1-866-WATERSHED) and Watershed Watch Campaign website (www.mywatershedwatch.org). Individual agency points of contact are publicized on SCVURPPP outreach materials and websites and the point of contact is maintained by the Program and their authorized agents.

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		
Event Details	Description (messages, audience)	Evaluation of Effectiveness
For the table of Sunnyvale’s event details, see Appendix 7-3.		
For additional regional event details, see Program’s section of 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: <ul style="list-style-type: none"> • Efforts undertaken • Major accomplishments
<p>Summary:</p> <p>During FY 09-10, the Program actively supported the Santa Clara Basin Watershed Initiative (SCBWMI), including the Core Group, the Land Use Subgroup, and the Trash Subgroup (now the Santa Clara Valley Zero Litter Initiative); the Bay Area Macroinvertebrate Bioassessment Information Network (BAMBI); and the Stevens & Permanente Creeks Watershed Council. Information on these efforts is included within the C.7 Public Information and Outreach section of the Program’s FY 09-10 Annual Report.</p> <p>In addition, City of Sunnyvale staff continued to support and participate in activities of the SCBWMI’s Communications and Outreach Subgroup, Land Use Subgroup, and the Santa Clara Valley Zero Litter Initiative. Sunnyvale has continued to support the Stevens and Permanente Watershed Council by providing the group free meeting space and participating in meetings. Sunnyvale also provided financial support of the Santa Clara County Creeks Coalition for their conference held in November 2009.</p>

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.		
Event Details	Description	Evaluation of effectiveness
<p>For a list of details, descriptions, and evaluations of effectiveness for Sunnyvale events in FY 09-10, see Appendix 7-4.</p> <p>For additional regional citizen involvement event details, see the Program's Public Information and Outreach Section C. 7 of the Annual Report :</p> <ul style="list-style-type: none"> • Watershed Watchers: Keeping Our Waterways Clean: FY 09-10 Fourth Quarter Report (includes end-of-year Summary from Alviso Education Center) • Going Native Garden Tour 2010- Summary 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>For Sunnyvale's Environmental Outreach details, see Appendix 7-5.</p> <p>For additional regional outreach details, see the following separate reports developed by SCVURPPP and other organizations that also include information about school-age children outreach efforts conducted during FY 09-10. These reports are included as within the C.7 Public Information and Outreach section of Program's FY 09-10 Annual Report:</p> <ul style="list-style-type: none"> • ZunZun School Assemblies for Watershed Watch Campaign- FY 09-10 Academic Year Final Report • Memorandum- Evaluation of the School Assembly Program- FY 09-10 • Watershed Watchers: Keeping Our Waterways Clean: FY 09-10 Fourth Quarter Report (includes end-of-year Summary from Alviso Education Center) 			<p>For Sunnyvale's summary of evaluations of the program received from classroom instructors, see Appendix 7-6.</p>

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 09-10, Sunnyvale contributed to the SCVURPPP Monitoring and Assessment Program which conducts water quality monitoring in Santa Clara Valley creeks and rivers, in coordination with the BASMAA Regional Monitoring Coalition (RMC). In addition, SCVURPPP contributes financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and actively participates in RMP committees and work groups. For additional information on monitoring activities conducted by SCVURPPP, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 09-10 Annual Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a ▶ Adopt an Integrated Pest Management (IPM) Policy or Ordinance

<i>(For FY 09-10 Annual Report only)</i> Attach a copy of your individual IPM ordinance or policy. See Appendix 9-1	<input checked="" type="checkbox"/>	Attached	<input type="checkbox"/>	Not attached , explain below
If Not attached , explain:				

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 organophosphorous pesticides, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.
Summary: See Appendix 9-2 for a report on the implementation of IPM Best Management Practices; trends in the quantities and types of pesticides used, where they were used, and increases or decreases observed in their use.

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.	50
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	50
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		
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR		
<input type="checkbox"/>	Equivalent documentation.		
If Not attached , explain: See Appendix 9-3 for a copy of the current contract with Bay Valley Pest Control for structural pest control activities on City-owned property, which requires the contractor to follow the City's IPM policy as referenced in the City Policy Manual and SOPs. As other contracts are developed for pesticide/herbicide applications, the same language will be included about following the City's IPM policy in Chapter 6, Article 12 of the City's Administrative Policy Manual.			

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 09-10, Sunnyvale participated in regulatory processes related to pesticides through contributions to SCVURPPP, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees. This Report is included within the Program's FY 09-10 Annual Report.	

C.9.f ▶ Interface with County Agricultural Commissioners	
Provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions to correct violations, if any. A separate report can be attached as your summary.	
Summary: <ul style="list-style-type: none"> • No improper usage of pesticides was observed by City staff, nor was any complaint received from the public that would have been reported to the Santa Clara County Agricultural Commissioner. • Sunnyvale made no improper pesticide usage reports to the Agricultural Commissioner in FY 09-10. 	

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:

Sunnyvale hosted a booth at the Spring Landscaping Event at the Sunnyvale Home Depot in April 2010. See Appendix 7-3 for complete details of the event.

The following separate reports developed by SCVURPPP and BASMAA summarize point of purchase outreach efforts conducted during FY 09-10:

- **FY 09-10 Store Employee Training Report (SCVURPPP)**
- **FY 09-10 Store Employee Training Evaluation Summary (SCVURPPP)**
- **FY 09-10 Store Employee Training Status Table (SCVURPPP)**
- **FY 09-10 List of Stores in the IPM Store Partnership Program (SCVURPPP)**
- **FY 09-10 BASMAA "Our Water, Our World" (OWOW) Report (BASMAA)**

These reports are included within the C.9 Pesticides Toxicity Control section of Program's FY 09-10 Annual Report.

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 report developed by SCVURPPP summarizes Public Outreach: Pest Control Operators efforts conducted during FY 09-10:

- **FY 09-10 Santa Clara Valley Green Gardener Training Report**

This report is included within the C.9 Pesticides Toxicity Control section of Program's FY 09-10 Annual Report.

In support of the Green Gardener Program, Sunnyvale staff have provided both technical and in-kind assistance to coordinate the Santa Clara Valley Green Gardener classes through the following efforts:

- **Researching and providing supplemental materials regarding IPM for classes in both Spanish and English.**
- **Providing classroom instruction in soils, fertilizers, and Integrated Pest Management practices.**
- **Offering free classroom space and developing/coordinating presentations for four Green Gardener recertification classes for previously trained students held in the spring of 2010. Classes were offered on Water Conservation- Smart Controller Programming (English and Spanish); Maintenance of California Native Plants (English); and Advanced Integrated Pest Management (Spanish).**
- **Meeting with representatives from the California Landscape Contractors Association Education Committee to establish a working**

- relationship to promote Green Gardener classes, including Integrated Pest Management approaches with their membership.
- Establishing a new partnership with the Sunnyvale-Cupertino Adult Education Program to offer the Green Gardener classes in the fall of 2010.
 - Meeting with other city/agency staff to promote the expansion of the Green Gardener training program into other communities and providing technical assistance to agencies who implemented the training program for landscape maintenance workers.
 - In addition to the SCVURPPP efforts, Sunnyvale promoted the Santa Clara Valley Green Gardener trainings at the Sunnyvale Farmers Market and other venues (see Appendix 7-3 for event details) and through internal outreach resources.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ► Short-Term Trash Loading Reduction Plan

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed in developing a Short-Term Trash Loading Reduction Plan (due February 1, 2012).

Description: **Not required for this Annual Report.**

C.10.a.ii ► Baseline Trash Load and Trash Load Reduction Tracking Method

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed to gather trash loading data and in developing a Baseline Trash Load and Trash Load Reduction Tracking Method (due February 1, 2012).

Description:

- **A summary of Program accomplishments for this sub-provision are included within the C.10 Trash Load Reduction section of Program’s FY 09-10 Annual Report.**
- **Sunnyvale staff assisted the Program in collecting data on baseline trash loading rates from the 13 full capture trash devices installed in Sunnyvale. All debris within the retrofitted SD inlets was collected, sorted to separate trash items from street tree leaves and quantified. Additional efforts in FY 10-11 are underway to collect similar information from the wet season of FY 09-10.**

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

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide description of actions/tasks initiated/conducted/completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014) within individual jurisdictions. Include information on Full Trash Capture Devices installed under Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership.

Description:

- **A summary of Program accomplishments for this sub-provision are included within the C.10 Trash Load Reduction section of Program’s FY 09-10 Annual Report. In addition, the Program recently finalized a technical report detailing the results of its Pilot Trash Structural Treatment Control Study implemented in 2007. This technical report is also available within the C.10 Trash Load Reduction section of Program’s FY 09-10 Annual Report.**
- **Also, Sunnyvale staff participated in the efforts of the SFEP’s Bay-area Wide Trash Capture Demonstration Project by providing information about the City’s experiences with the pilot installation, issues, and effectiveness of the 13 Storm-Tek® full-capture devices in Sunnyvale at their “vendor fair” meeting in May 2010. Staff has also provided comments and suggestions to the proposed contract language for cities wishing to participate in the pilot project.**

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

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide 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. Provide required photo documentation.

Fill out the following table or attach a summary of the following information. **See Appendix 10-1 for more information and photos.**

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Types of Trash	Trash Sources (where possible)
SNV01-Guadalupe Slough (Site 3)	5/18/2010	124 gallons of litter and ~5.0 cu. ft of lumber	1. Bottles (plastic and glass) 2. Styrofoam (pieces or pellets) 3. Balls (sport and tennis) 4. Construction debris 5. Spent shot gun shells and wadding	Most from upstream or tidal deposition. Some from hunters (shotgun shells) and some from nearby trail users (bottles and cans)
SNV02 – Sunnyvale East Channel, Caribbean Drive Bridge	5/13/2010	39 gallons of litter	1. Styrofoam (pieces or pellets) 2. Bottles (plastic or glass) 3. Convenience/Fast Food items 4. Plastic bags 5. Spray paint cans	Most from upstream outfalls. Some from roadway vehicle litter blowing into the channel.
SNV03-Guadalupe Slough (Site 1)	5/18/2010	91 gallons of litter and ~8 cu. ft. of lumber	1. Styrofoam (pieces or pellets) 2. Construction debris 3. Balls (sports and tennis) 4. Bottles (plastic and glass) 5. Spent shotgun shells and wadding	Most from upstream or tidal deposition. Some from hunters (shotgun shells) and some from nearby trail users (bottles and cans)
SNV04-Guadalupe Slough (Site 2)	5/18/2010	65 gallons of litter and ~4 cu. ft. of lumber	1. Spent shotgun shells and wadding 2. Bottles (plastic or glass) 3. Styrofoam pieces or pellets 4. Balls (sports and tennis) 5. Construction debris	Most from upstream or tidal deposition. Some from hunters (shotgun shells) and some from nearby trail users (bottles and cans)
SNV 05-San Tomas Aquino Creek, east of intersection with Calabazas Creek	5/19/2010	52 gallons of litter and ~2 cu. ft of lumber	1. Styrofoam pieces or pellets 2. Bottles (plastic or glass) 3. Balls (sports and tennis) 4. Construction debris 5. Spray paint cans	Most from upstream outfalls or roadway crossings (e.g., Highway 237), but some may be from tidal deposition.

C.10.d Summary of Trash Load Reduction Actions

Provide summary of new trash load reduction actions or increased levels of implementation of existing actions that were implemented after adoption of the MRP (control measures and best management practices) including the types of actions and levels of implementation, and the total trash loads and dominant types of trash removed from each type of action.

- Suggested trash load reduction actions to track and report may include:
- Anti-litter Campaigns
 - Anti-litter/Dumping Enforcement Activities
 - Curbside Recycling Programs
 - Education and Outreach Efforts
 - Free Trash Pickup/Drop-off Days
 - County HHW Program Activities
 - Improved Trash Bin Management
 - Inspection/Maintenance of Storm Drain Outfalls
 - Litter Pickup and Control
 - Removal of Homeless Encampments
 - Solid Waste Recycling Efforts
 - Source Controls/Bans/Prohibitions
 - Storm Drain Operation and Maintenance
 - Storm Drain Signage/Marking
 - Street Sweeping Activities
 - Trash Removal from Receptacles
 - Volunteer Creek Cleanups

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
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Not all trash load reduction actions were tracked by “loads removed” this fiscal year. Once the Trash Load Reduction Tracking Method is developed (see Provision C.10.a.ii), trash loads removed will be documented for each load reduction action (as feasible). See the Program’s FY 09-10 Annual Report for schedule. Actions/events where data are available are listed below:

Coastal Clean Up Day event – site sponsorship on Guadalupe Slough September 2009	September 2008	Not required before MRP. Increased numbers of volunteers at site in 2009	778 gallons of trash removed	Styrofoam, bottles (Plastic and glass), shot gun shells, construction debris.
Great American Litter Pick Up Event April 2010	April 2008	Not required before MRP. Increased number of neighborhood site locations from 3 to 4	546 gallons of trash removed.	Convenience/snack food/fast food wrappers or containers, bottles (plastic and glass), single use merchandise bags.

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
National River Clean Up Day event- Sunnyvale East Channel and Calabazas/San Tomas Aquino Creeks May 2010	May 2008	Not required before MRP. Increased outreach efforts for volunteers, but had similar numbers as previous years	384 gallons of trash removed	Styrofoam, bottles (plastic and glass), convenience/snack food/fast food wrappers or containers
Education and Outreach Efforts – Fremont High School “APE” Club Discussion, Litter Pick-ups (City provided clean up tools, gloves, safety training, and bags.)	January 2010- May 2010	Three volunteer clean-ups by students in a high school club of neighborhood around the school.	345 gallons of trash and 105 gallons of recyclables removed from neighborhoods	Convenience/snack food/fast food wrappers or containers, bottles (plastic and glass)
Education and Outreach Efforts (classroom presentations) on litter and how it can enter waterways	September 2009 – May 2010	Since MRP adoption, include more information on litter issues in classroom presentations	Unable to quantify	Not Applicable
SCVURPPP Pilot Trash Retrofit Project (13 Storm Drain inlets were retrofitted with trash full capture devices prior to the MRP implementation)	July 2009 – June 2010	Retrofitted inlets were monitored and debris collected help identify trash loading rates, based on land use.	Approximately 30 gallons of trash were removed from installed full capture Storm-Tek devices for the year..	Convenience/snack food/fast food wrappers or containers, bottles (plastic and glass), single use merchandise bags.
Public Works Solid Waste Program added new city-maintained trash receptacle along route between Homestead High School and local shopping areas.	April 2010	Added after adoption of MRP. Requested by high school students and residents.	Can is emptied weekly – approximately 20-30 gallons of trash collected per month.	Convenience/snack food/fast food wrappers or containers, bottles (plastic and glass), single use merchandise bags.
Removed 3 homeless encampments along in the PG&E right of way near the JWC Greenbelt (Sunnyvale East Channel watershed)	February 2010	Done after adoption of MRP.	Removed 1 truckload of debris (Approx. 2 cubic yards)	Cardboard, old clothes, paper and empty food containers

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Inspection/Maintenance of Storm Drain Outfalls & Storm Drain Operation/Maintenance	Inspection of City storm drain inlets began 8/17/09 and was completed (approximately 4200 inlets inspected) 11/16/09. Inspections also conducted during and after storm events.	Fully implemented in the storm program prior to MRP adoption.	Total of 1,350 cubic feet of debris removed during normal inspection. Storm event inspections and cleaning are done on an emergency basis and loads removed are not recorded.	Mostly leaves, but also some trash and grit (sediment).
Storm Drain Signage/Marking	“No Dumping, Flows to Bay” metal badges installed on all DIs (approx. 4200) beginning 8/17/09. Project was completed in mid-May 2010.	Fully implemented in FY 09-10 in response to expected MRP adoption, though capital project for marking storm drains with metal badges. This had been in planning stages for a couple of years.	Unable to quantify	Storm drain inlet marking (badging) project assists with education/outreach efforts to keep various pollutants from area waterways.
Street Sweeping Activities	During FY 09-10, City streets swept once per month. Beginning August 2, 2010, street sweeping doubled to twice per month for all City streets.	Sweeping program fully implemented prior to MRP adoption. Increased sweeping to be implemented August, 2010. Trash load reductions to be reported in FY10-11 annual report.	Residential areas: 10,478 curb miles swept, 6,743 cubic feet of debris collected and disposed of. Commercial areas: 4,290 curb miles swept, 2,026 cubic feet of debris removed and disposed of	Leaves, trash & other debris.

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).

- **Outreach to Sunnyvale residents, related to proper mercury recycling is promoted in the following ways: Table at Farmers Market, Articles, Utility Bill Inserts, Flyers, Department and Division web sites, Mercury Thermometer Exchanges, Health and Safety Fairs and other outreach events. See Appendices 7-1, 7-2 and 7-3 for complete details of outreach activities promoting mercury product recycling.**
- **Sunnyvale collected 150 mercury thermometers at two thermometer exchange events in FY 09-10.**
- **Sunnyvale also collected the following mercury-containing products at the SMaRT Station:**
 - Mercury containing items : 26 lbs**
 - 4' tubes: 9,523**
 - 8' tubes : 1,247**
 - 10' tubes: 10**
 - Compact, circular and u-tube lamps: 6,003**
 - HID/ARC lamps – 1,007**
 - UV lamps – 29**

Note: the SMaRT Station collects items from residents of the cities of Sunnyvale, Mountain View and Palo Alto.
- **Sunnyvale continues financial support of the Santa Clara County Household Hazardous Waste collection program through the Solid Waste program. Data on quantities of mercury containing products collected by the County HHW program are provided to SCVURPPP for reporting on a county-wide basis.**
- **Sunnyvale continues to collect and recycle mercury-containing products generated by city-owned facilities and operations (e.g., fluorescent/HID lamps, mercury switches)**

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.

Amount collected: **The methodologies for estimating the mass of mercury collected through mercury collection and recycling efforts are currently in development and are due to the Water Board by September 15, 2010. Therefore, estimates could not be made for FY 09-10. Estimates of the mass of mercury collected through recycling efforts during FY 10-11 will be provided with the FY 10-11 Annual Report (see FY 10-11 BASMAA Regional POC Report).**

- 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 accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report.

Section 12 - Provision C.12 Polychlorinated Biphenyls (PCBs) Controls

C.12.a.i.iii ► Municipal Inspectors Training

(For FY 09-10 Annual Report only) List below or attach description of results of training municipal industrial inspectors to identify, in the course of their existing inspections, PCBs or PCB-containing equipment.

Description:

In FY 09-10, inspector training materials were developed through in-kind contributions of SCVURPPP to BASMAA. Training materials can be found in the BASMAA Regional Pollutant of Concern (POC) Report.

In addition, 7 municipal industrial inspectors and manager (100% of Industrial Waste/Pretreatment Program inspectors and sample technicians) were given training on the identification of PCBs and PCB-containing equipment using the Power Point training module provided by BASMAA on July 12, 2010. Modifications to the IND Stormwater Inspection Form to include inspection reminders related to this POC are in progress and will be implemented in FY 10-11.

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:

Not required for this Annual Report.

- 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's accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report.

Section 13 - Provision C.13 Copper Controls

C.13.a.i and iii ► Legal Authority: Architectural Copper

(For FY 10-11 Annual Report only) Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?

x	Yes		No
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If **No**, explain and provide schedule for obtaining authority within 1 year:
Not required for this Annual Report. Current ordinance language prohibits non-stormwater discharges that contain pollutants of concern to the storm drain collection system. However, Sunnyvale is in the process of amending the Municipal Code, SMC 12.60 to address this specific type of discharge in FY 10-11.

C.13.b.i and iii ► Legal Authority: Pools, Spas, and Fountains

(For FY10-11 Annual Report only) Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?

X	Yes		No
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If **No**, explain and provide schedule for obtaining authority within 1 year:
Not required for this Annual Report. However, Sunnyvale is in the process of amending the Municipal Code, SMC 12.60 to address this specific type of discharge in FY 10-11.

C.13.c ► Vehicle Brake Pads

Reported in a separate regional report.
A summary of the Program's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report.

Sunnyvale also provided a letter of support for state legislation (SB 346 – Kehoe) to regulate the copper content of brake pads on June 11, 2010.

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

List below or attach annotated lists or tables from your Industrial and Commercial Site Controls portion of this report, that highlight copper reduction results among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed. For FY 09-10 describe below or highlight in the C.4 Evaluation portion (if provided) of this report the steps taken to revise your program to meet new data tracking and reporting requirements for implementation levels described in C.13.d.ii.

Summary

In FY 09-10, inspector training materials were developed through in-kind contributions of SCVURPPP to BASMAA. Training materials can be found in the BASMAA Regional POC Report. In addition, 7 municipal industrial inspectors (100% of Industrial Waste/Pretreatment Program inspectors and sample technicians) were given training on the identification of copper-generating processes and inspection procedures using the Power Point training module provided by BASMAA on July 12, 2010.

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 thirteen Industrial Users (IUs) classified under 40CFR 433 as Metal Finishers as potential contributing sources of copper. These IUs will be inspected, at a minimum, annually by 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 or stormwater collection system include automotive service facilities, building trades / yards, electrical/electronic, laboratory, machine shop, building materials, printers and food service facilities. These commercial business categories are inspected by the City's Pretreatment Program inspectors a minimum of once every three years.

In FY 09-10, 295 stormwater inspections were conducted at the facilities identified in the above mentioned categories.

- 11 Automotive facilities were inspected, with no violations from copper sources.
- Two Building Materials facilities were inspected, with no violations from copper sources.
- Two Building Trades / Yards facilities were inspected, with no violations from copper sources.
- One Electronic facility was inspected, with no violations from copper sources.
- 221 Food Service facilities were inspected, with no violations from copper sources.
- Three Laboratories were inspected, with no violations from copper sources.
- 48 Permitted SIUs were inspected, including Metal Finishers, with no violations from copper sources.
- Three Print shops and three "other" types of commercial users were also identified as potential copper sources, but with no violations identified from copper sources.

The City has educational BMP material available for distribution to the above-listed commercial business

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

Revised. Description reads "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 the Program's efforts (i.e., participation in RMP committee and work group meetings) to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program's FY 09-10 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

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

Summary

A summary of the Program's efforts (i.e., participation in Regional Monitoring Program (RMP) committee and work group meetings) to develop a Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 09-10 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? Yes 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. Describe program highlights below. For FY 09-10 only, describe steps taken to revise your program to meet new monitoring, data tracking and reporting requirements.

Summary:

To begin implementation of the monitoring requirements of C.15.b, the City purchased a Hach DR890 Handheld Recorder and trained staff on its calibration and use in the field. Staff began using the equipment in May 2010 to collect data on planned discharges. Unplanned discharges did not occur in the time period from when the equipment became available and the end of the reporting year.

Based on guidance received from the Program, the City revised existing data tracking forms to meet both the goals of the permit and BMPs provided by the Program. City crews record hand written readings using appropriate testing equipment and turned in documents to the Field Supervisor at the end of their shift. As time permits, staff will enter hand-written data on a system spreadsheet and file it electronically.

The reporting tables for 15.b.iii (1) and C.15.b.iii (2) for FY 09-10 are filled out to the best of our ability this reporting year, as guidance for the reporting data tables was not finalized until the late spring of 2010. Data for FY10-11 are being collected and will be reported using the reporting table template.

A summary of the Program’s efforts to update the Water Utility Operations & Maintenance Discharge Pollution Prevention Plan (WUDPPP) to assist municipal water purveyors in complying with this provision of the MRP is included within the C.15 Exempted and Conditionally Exempted Discharges section of Program’s FY 09-10 Annual Report.

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

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

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

Summary:

The City of Sunnyvale promotes the measures listed above in the following ways:

- **In cooperation with the Program, Sunnyvale promotes outreach efforts for less toxic pest control options, and appropriate irrigation practices. See the Watershed Watch Campaign in the C.7 Public Information and Outreach section and the IPM Store Partnership and Green Gardener Training programs in the C.9 Pesticide Toxicity Control Section of the Program's FY 09-10 Annual Report.**
- **See the City's outreach efforts and messages for water conservation, less toxic pest control options, and proper irrigation practices that are described in Appendices 7-1, 7-2, 7-3, and 7-5 of this report. See section C.9.h.vi of this report for more detailed information on Sunnyvale's support of the Santa Clara Valley Green Gardener training program and the Integrated Pest Management and water conservation/irrigation control practices included in that training/outreach.**
- **In April 2010, the City adopted a new Water-Efficient Landscape Ordinance to meet the requirements of the State Department of Water Resources (DWR) model ordinance to meet a stated goal of a 20% reduction in water usage. The City's ordinance exceeds the requirements of the DWR model Water-Efficient Landscape Ordinance 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 a proposed landscape. See Chapter 19.12 of the Sunnyvale Municipal Code for the complete ordinance language. This ordinance promotes the use of drought tolerant vegetation, of which many varieties are natives.**
- **City cooperates and collaborates with the water conservation efforts of the Santa Clara Valley Water District (SCVWD) in its regional outreach campaigns and conservation messages.**
- **Pretreatment Program staff incorporated the large volume irrigation discharges as an element in the Illicit Discharge Enforcement Response Plan. In FY 09-10, Staff responded to one IDDE incident that required corrective actions due to discharge of a large quantity of irrigation water, as well as sediment erosion.**

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ¹ (NTU)	Implemented BMPs & Corrective Actions
Homestead/ Ortega Transmission	Disinfectant Flushing	Sanitary sewer	4/1/2010	930 - NA	0	0	8.8 – Start – residual not available	8.32	54	Pumped to sanitary sewer line
Homestead/ Ortega Transmission	Disinfectant Flushing	Sanitary sewer	4/1/2010	1145 - 1200	21600	1.73 mgd	2.8- start- residual not available	7.83	0	Pumped to sanitary sewer line
Ortega well	Flushing	Sunnyvale East Channel	4/1/2010	950	Not available	Not available ¹	0.01 – start- residual not available	7.28	5	Dechlor
Ortega well	Flushing	Sunnyvale East Channel	4/1/10	1015	Not available	Not available ¹	0.05 – start- residual not available	7.28	1	Dechlor
Ortega well	Flushing	Sunnyvale East Channel	4/1/10	1030	Not available	Not available ¹	0.05 – start – residual not available	7.68	0	Dechlor
Ortega well	Flushing	Sunnyvale East Channel	4/1/10	1045	Not available	Not available ¹	0.03 – start – residual not available	7.68	0	Dechlor
Ortega well	Flushing	Sunnyvale East Channel	4/1/10	1210-1250	234,000	1.78mgd ¹ This represents the flow rate for all Ortega Well flushing actions on 4/1/2010	0.03 – start- residual not available	7.83	0	Dechlor
BM 508-102	Flushing	Sunnyvale East Channel	6/5/2010	0415-0428	19,487	Not available ²	0.03	6.9	12	Dechlor
BM 508-103	Flushing	Sunnyvale East Channel	6/5/2010	0455-0506	16,489	Not available ²	0.02	8.7	7	Dechlor
BM 508-106	Flushing	Sunnyvale East Channel	6/5/2010	0530-0545	22,485	Not available ²	0.03	8.5	0	Dechlor

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ¹ (NTU)	Implemented BMPs & Corrective Actions
BM 508-107	Flushing	Sunnyvale East Channel	6/5/2010	0555 -0605	14,990	Not available ²	0.02	6.6	0	Dechlor
BM 508-108	Flushing	Sunnyvale East Channel	6/5/2010	0610 - 0622	17,988	Not available ²	0.07	6.6	0	Dechlor
BM 533-110	Flushing	Sunnyvale East Channel	6/5/2010	0625-0636	16,498	Not available ²	0.02	6.5	0	Dechlor
BM 533-101	Flushing	Sunnyvale East Channel	6/5/2010	0640-0650	14,990	Not available ²	0.02	6.2	0	Dechlor
BM 533-102	Flushing	Sunnyvale East Channel	6/5/2010	0700-0709	13,491	Not available ²	0.05	6.5	0	Dechlor
BM 533-103	Flushing	Sunnyvale East Channel	6/5/2010	0715-0720	7,495	Not available ²	0.00	6.3	0	Dechlor
BM 533-111	Flushing	Sunnyvale East Channel	6/5/2010	0725-0739	20,986	Not available ²	0.00	6.5	0	Dechlor
BM 533-112	Flushing	Sunnyvale East Channel	6/5/2010	0740-0750	14,990	Not available ²	0.04	6.2	0	Dechlor
BM 533-108	Flushing	Sunnyvale East Channel	6/5/2010	0800-0811	16,489	196,369 ² This represents the entire flow rate for 6/5/2010	0.00	6.0	0	Dechlor
BM533-107	Flushing	Sunnyvale East Channel	6/6/2010	0420-0431	16,489	Not available ³	0.51	6.6	0	Dechlor
BM533-106	Flushing	Sunnyvale East Channel	6/6/2010	0450-0458	11,992	Not available ³	0.00	6.6	0	Dechlor
BM533-104	Flushing	Sunnyvale East Channel	6/6/2010	0505-0515	14,990	Not available ³	0.00	6.4	0	Dechlor
BM533-109	Flushing	Sunnyvale East Channel	6/6/2010	0520-0528	11,992	Not available ³	0.05	6.5	0	Dechlor
BM534-106	Flushing	Calabazas Creek	6/6/2010	0535-0542	10,493	Not available ³	0.07	6.4	0	Dechlor

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ¹ (NTU)	Implemented BMPs & Corrective Actions
BM534-107	Flushing	Calabazas Creek	6/6/2010	0550-0559	13,491	Not available ³	0.08	6.6	0	Dechlor
BM534-108	Flushing	Calabazas Creek	6/6/2010	0610-0617	10,493	Not available ³	0.09	6.4	1	Dechlor
BM534-109	Flushing	Calabazas Creek	6/6/2010	0630-0639	13,941	Not available ³	0.08	6.6	1	Dechlor
BM534-101	Flushing	Calabazas Creek	6/6/2010	0645-0656	16,489	Not available ³	0.00	6.5	0	Dechlor
BM534-102	Flushing	Calabazas Creek	6/6/2010	0700-0707	10,493	Not available ³	0.00	6.6	0	Dechlor
BM534-103	Flushing	Calabazas Creek	6/6/2010	0715-0726	16,489	Not available ³	0.00	6.6	0	Dechlor
BM534-104	Flushing	Calabazas Creek	6/6/2010	0730-0738	11,992	Not available ³	0.00	6.2	0	Dechlor
BM534-105	Flushing	Calabazas Creek	6/6/2010	0745-0756	16,489	158,894 ³ This represents the entire flow rate for 6/6/2010				

Notes:

¹ 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														
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual ² (mg/L)	pH ² (standard units)	Discharge Turbidity (Visual) ²	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁴	Inspector arrival time	Responding crew arrival time
No unplanned discharges were reported in FY 09-10 using this form. Data will be collected in FY 10-11														

Notes:

1. This table contains all of the unplanned discharges that occurred in this FY.
2. 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.
4. 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.

Attachment C

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

Appendix 4-1: C.4.b.iii (1) – Potential Facilities List – City of Sunnyvale

City of Sunnyvale C.4.b.iii.(1) ►
 Potential Facilities List - FY 0910
 Annual Report

CompanyName	Address1	Address2
888 Auto Corporation	590	El Camino Real West
A & H AUTO WRECKER	295	Commercial Street
A & J Product Solutions	1245	Birchwood Ave.
A.G. Ferrari Foods	304	El Camino Real West
A-1 Performance	771	Mathilda Avenue North
AAA Speedy Smog	135	Wolfe Road N.
AAMCO Transmission #25037	968	Evelyn Avenue West
Acellent Technologies	835	Stewart Dr.
Acta Pharmacal Co.	380	Pastoria Avenue North
Action Computer & Surplus	520	520 N Lawrence Expy
Active Auto Body	1281	Forgewood Dr.
Adamsons Wood Fired Oven French Dip	806	W El Camino
Advanced Auto Repair	912	Evelyn Avenue West
Advanced Micro Devices	1	AMD Place
Advanced Micro Devices (FASL, LLC.)	991	Stewart Drive
ADVANCED PHOTO CIRCUITS	1270	Lawrence Station Rd.
Aeroflex / Metelics	975	Stewart Drive
AFGHANI HOUSE RESTAURANT	1103	El Camino Real E.
Aixtron Genus, Inc.	1139	Karlstad Dr.
AL-CON AUTOMOTIVE	279	Fair Oaks Dr. N.
ALLEGRIA	233	Weddell Drive
Allvia, Inc.	657	Pastoria Avenue North
Allvia, Inc.	655	Pastoria Avenue North
Alphagraphics	1294	Anvilwood Avenue
American Diner	415	East El Camino Real
American European Auto Clinic	105	Maude Avenue East
AMERICAN PEPTIDE	777	Evelyn Avenue E.
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.
Annapoorna	573	East El Camino Real
Annapurna Snacks	1112	Elko Dr.
Antojitos Salvadorenos Restaurant	911	E. Duane Ave.
Applied Chemical Laboratories, Inc.	526	Almanor Avenue
Applied Materials, Inc.	974	Arques Avenue East
Applied Materials, Inc. Arques Café	974	Arques Avenue East
Aptus Endosystems	777	Pastoria Avenue North
ARA AUTOMATED FINISHING	1286	Anvilwood Avenue
Arby's	601	Bernardo Avenue S.
ARCO AM/PM SILICON MINIMART	860	Fremont Avenue W.
Ariake Sushi	759	El Camino Real E.
ARK Diagnostics	1190	Bordeaux
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 Institute of California - Sunnyvale	1120	Kifer Road
Art Stange Foreign & Domestic Car Service	822	Evelyn Avenue West
Artificial Muscle, Inc.	749	Mary Avenue North
ARTIST WORKSHOP	627	Taylor Ave. E.
ARVI MANUFACTURING CO	1256	Birchwood Dr.
Asia Village Restaurant	747	Wolfe Road S.
Asia Village Restaurant	747	Wolfe Road S.
Aster Place SWMP	1156	Aster Ave.
AT & T West Corp Yard	1188	Evelyn Avenue West
Athidhi Indian Cuisine	727	Old San Francisco Road
Auto Champs	771	Mathilda Avenue North
Auto Collision Experts	908	Arques Ave.
AUTO TECHNICA	665	El Camino Real E.
Avantec	1049	Kiel Court
Avantec Vascular	605	West California
Avion Research Company	265	Sobrante Way
B2 Perfection Body Shop	150	Wolfe Road
Babaka Halal Market	618	Hollenbeck Avenue
Back Care Specialists	505	Pastoria Avenue South
Bagel Street Café	348	Maude Avenue West
Baja Fresh Mexican Grill #288	701	Sunnyvale Avenue
BARN THAI	921	Duane Avenue E.
BARNES, WM G & SON COMPANY	1146	Sonora Ct.
BARRON AUTOMOTIVE	120	Murphy Ave. N.
BASKIN ROBBINS-311	939	El Camino Real W.
Bavarian Enterprises	205	Washington Avenue E.
Bay Area Geotechnical Group (BAGG)	847	Maude Avenue West
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.
BAYSHORE FENCE CO INC	933	Kifer Road
BEAN SCENE GOURMET COFFEE & TEA, THE	186	Murphy Ave. S.
BELL PLAZA CHIROPRACTIC	1052	El Camino Real E.
Beryl's Place	1250	Oakmead Parkway
Best Buy / Pet Smart SWMP	776	East El Camino Real
BEST COPY PRINTING	1260	Persian Dr.
BETTER BENTO	550	Lakeside Drive
BETTY BRITE CLEANERS	631	Grape Ave.
Bhavika's Chatpat	1053	El Camino Real E.
Bhavika's Food-to-Go	1053	El Camino Real E.
BIKE WORLD	953	El Camino Real W.
Black Angus	740	El Camino Real E.
Blue 29	615	Palomar Avenue
Blue Bonnet Sports Bar	208	Fair Oaks Avenue S.
BMB MOTORS	1297	El Camino Real W.
BOB'S AUTO SUPPLY	124	Carroll Street
BOB'S MACHINE SHOP	1181	Tasman Dr.
Bogarts	1209	Wildwood Avenue

Bordeaux Center	1376	Bordeaux
Bordeaux Center	1376	Bordeaux Drive
Borders Books #473	316	El Camino Real West
BORG TECHNICAL SERVICES	1240	Mt. View-Alviso Rd.
Brass Rail	160	Persian Drive
BREAD BASKET DELI	135	Wolfe Road N.
BridgeLux	1231	Bourdeaux Dr.
BRITISH & EUROPEAN	683	El Camino Real E.
Britton Place	624	E. Evelyn Ave
Bubble Wash	696	El Camino Real West
BUGFORMANCE	944	El Camino Real W.
Burger King #10957	773	Mathilda Avenue North
Cabritos Mexican Bistro	685	El Camino Real E.
Café Dolce	415	Mary Avenue North
CAFE MELANGE	1200	Crossman Avenue
Cal West Automotive	970	Evelyn Avenue West
CaliSolar	985	Almanor Avenue
CALSTONE COMPANY	1155	Aster Avenue
Cal-West Specialty Coatings	1058	Evelyn Avenue West
CAM HUNG	903	Reed Avenue
Cameron Veterinary Hospital	1285	Mary Ave.
Carl's Jr.	1051	El Camino Real E.
Carl's Jr.	1220	Oakmead Parkway
Carl's Jr.	1195	El Camino Real W.
CARRIAGE CLEANERS	115	Fremont Avenue E.
Casa Lupe	691	Bernardo Avenue S.
Cathay Cathay Chinese Food	542	Lakeside Dr.
Cathay Cathay Chinese Food	542	Lakeside Drive
Cedar Crest Nursing and Rehabilitation Center	797	Fremont Avenue E.
CHAAT HOUSE	893	El Camino Real E.
Chaat House	939	El Camino Real W.
Chavez Supermarket	666	Fair Oaks 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.
Cherry Glen Plaza SWMP	398	W. El Camino Real
CHEVRON	1265	Lawrence Station Road
Chevron, The Car Spa, Inc.	1097	Duane Ave. E.
China Moon Skewer House	1179	W. El Camino
Chipolte's #279	324	El Camino Real West
Chiropractic Care	520	Lawrence Expy.
Chiropractic Way	1633	Hollenbeck Road
Chubby's Broiler	1135	Tasman Drive
Citala Us. Inc	1281	Reamwood
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.
Classics at City Park	545	East Weddell
Classics at Crossman	1035	North Fair Oaks Ave.
Classics at Kiel Court	1049	Kiel Court
Classics at Las Palmas Park	707	Mathilda Avenue South
Classics at Sunnysvale Manor (Yukon Drive)	1485	Saratoga - Sunnysvale Road
Club Bahia	1131	Lawrence Expressway
Club La Ronda	927	Duane Ave. East
Clubouse Café	1010	Wolfe Road S.
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
Columbia Middle School	739	Morse Avenue
Complete Genomics	750	Pastoria Avenue North
CONTINENTAL MOTOR WORKS	665	El Camino Real E.
COPY	711	Evelyn Ave. E.
COSTCO	150	Lawrence Station Road
COUNTRY GOURMET	1314	Mary Avenue S.
Country Inn and Suites	1300	Chesapeake Terrace
Crazy Buffet	830	East El Camino Real
Cupertino Auto Service	11025	De Anza Boulevard North
Cups & Coins Café	415	Mary Avenue North
CVS/Pharmacy	576	El Camino Real E.
CYTYC Corp.	1240	Elko Dr.
Daily Donuts	708	Caliente Dr.
Daily Donuts	110	Sunnysvale Ave. S
Daily Donuts & Sandwiches	505	Pastoria Avenue South
DAINIPPON SCREEN ENG (DNS)	820	Kifer Rd.
Dairy Belle Freeze #17	1323	Sunnysvale-Saratoga Road
Dairy Belle Freeze #29	736	Mathilda Avenue North
Da-Les Auto Body	728	San Aleso Avenue
Danbury Place	488	Tasman Dr.
Daniel's B&M Cars	848	Evelyn Avenue West
Dannicks Auto Care	135	Wolfe Road. N.
Daphne's Greek Café #1073	144	El Camino Real West
Dastgah Firestone	135	Wolfe Road
DAYTON AUTOMOTIVE	650	Taylor Ave. E.
DE ANZA SQUARE CLEANERS	1358	Mary Ave. S.
DEL MONTE RESTAURANT	100	Murphy Ave. S.
DELIGHT CLEANERS	1281	El Camino Real W.
Denny's Restaurant #7217	311	Mathilda Avenue South
Denny's Restaurant #7218	814	Ahwanee Avenue
DHL WORLDWIDE EXPRESS	1383	Borregas Ave.
Diagnostics for the Real World, Ltd.	840	Del Rey Avenue
DIAGNOSTICS UNLIMITED	135	Wolfe Road N.
Dionex Corporation Building 1	1228	Titan Way
Dionex Corporation Building 2	445	Lakeside Drive
Dionex Corporation Building 3	500	Mercury Drive

Dionex Corporation Building 5	527	Lakeside Drive
Dionex Corporation Building 5 Cafeteria	527	Lakeside Drive
Dish Dash	190	Murphy Avenue S.
Domain Hotel	1085	El Camino Real
Dominos Pizza	615	Caliente Drive
Domino's Pizza	992	El Camino Real W.
Don and Jon's Automotive	1080	El Camino Real E.
Dough Daddy Bakery	907	Duane Ave.
Dryclean Best	605	El Camino Real E.
Duraclean Service	285	Sobrante Way
Dusita Thai	1028	El Camino Real
E&C Auto Depot / World Muffler	966	El Camino Real E.
ebr Systems	686	Maude Avenue West
ECONOMY AUTO REPAIR	1170	Willow Ave.
ECR Laboratory, Inc.	265	Sobrante Way
EL CAMINITO MEXICAN RESTAURANT	510	El Camino Real E.
El Cerrito Taqueria	120	Persian Drive
El Molcajete	1161	Lawrence Expressway
EL POLLO LOCO	996	El Camino Real W.
ELC VETERINARY CLINIC	832	Fremont Ave. E.
Elephant Express	302	Fair Oaks Ave. N.
Elko Station Deli	1111	Elko Dr.
Endevco MEMS	355	Pastoria Avenue 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.
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/Café	745	Wolfe Road S.
EXCEL CLEANERS	1082	El Camino Real E.
Excelics Semiconductor	310	DeGuigne
EXPRESS CLEANERS	510	Lawrence Expy.
EZ SMOG	1170	Willow Ave.
F & M AUTO	975	El Camino Real W.
F&S Autobody	675	El Camino Real E.
FAIR OAKS 76	603	Old San Francisco Road
Falafel Bite	1500	Lawrence Expwy
Falore Nissan	680	El Camino Real E.
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
Fender's Collision Center	912	Evelyn 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 PLACE	830	Evelyn Ave. E.
Fith Avenue \$1.75 Cleaners	251	S. Mary Ave

Fortrend Engineering Corp.	610	Mary Avenue North
FOUR D METAL FINISHING, INC.	620	Taylor Avenue East
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
Fremont Unified High School District	589	Fremont Avenue West
FRESH CHOICE	1105	El Camino Real W.
Fujitsu	1250	Arques Avenue E.
Full Moon Biosystems	754	Pastoria Avenue North
GARCIA'S TAQUERIA	738	Fair Oaks Ave. S.
GE Healthcare	928	Arques Avenue East
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
Godinez Tires	283	Fair Oaks Avenue N.
Golden West Collision Centers	666	El Camino Real West
Golden Wok	1677	Hollenbeck Road
GOLFLAND USA	855	El Camino Real E.
Grand Hotel	865	El Camino Real W.
Grand Indian Buffet	1214	Apollo Way
Great Vegi Land	562	Murphy S.
Griffin Upholstery	1062	El Camino Real E.
Guadalajara Grill	1342	Mary Ave
Guadalajara Market	827	Borregas Avenue
GUMBA'S ITALIAN RESTAURANT	176	Murphy Avenue S.
H. Butler's BBQ	568	El Camino Real E.
HACIENDA CLEANERS	793	El Camino Real E.
Hanamaru	675	Bernardo Avenue S.
Hank Auto Repair	771	Mathilda Avenue North
HANKOOK DELI & SUPERMARKET	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.
HISTORIC DEL MONTE BUILDING	100	Murphy Ave. S.
Hobee's California Restaurants #7	800	Ahwanee Avenue
HOFFMAN MACHINING	1010	Morse Ave.
Holiday Cleaners	1111	El Camino Real
HOME DEPOT	680	Kifer Rd.
HONDA PENINSULA	1289	El Camino Real W.
Hondacraft	906	Evelyn Avenue West
Honeyberry's	1661	Hollenbeck Road
Honeywell	1349	Moffett Park Drive
Honeywell International	1349	Moffett Park Drive
Hot Breads	464	El Camino Real E.
House of Bagels	546	Lawrence Expressway
House of Bagels	1681	Hollenbeck Road
House of Kabobs	161	South Murphy Street
HU, DR. HANK	749	Fremont Ave. W.

Hybrid Commercial Printing	1010	W. El Camino Real
I Love Pizza	109	Fremont Avenue E.
I.N.S. Photo Studio	605	El Camino Real E.
IDEXX VETERINARY	1245	Reamwood Ave.
iL Postale	127	Washington Street W.
Import Auto Care	1170	Willow Ave.
Indus Auto	1062	El Camino Real E.
INFINERA	1322	Bordeaux Drive
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
Integrated Materials, Inc.	1169	Borregas Avenue
Intermedia Productions	1190	Miraloma Way
Intuity Medical	350	Potrero Avenue
IT Renew	1235	Elko Dr.
J & L Auto Repair	1038	Evelyn Avenue West
J PHOTO CENTER	1018	El Camino Real E.
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
JANG TU SOONDAE RESTAURANT	1012	El Camino Real E.
JAPANESE BEETLE	928	El Camino Real E.
Java Cleaners	256	Java
Java Metro Center	111	Java Dr.
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.
JSR Micro, Inc.	1280	Mathilda Ave. N.
Juniper Networks	1184	Mathilda Avenue N.
Just Tires	1297	El Camino Real W.
Kabob Afghan and Persian Cuisine	604	S. Mary Ave.
Kabul	833	El Camino Real W.
Kaloci & Son	810	Evelyn Avenue West
Kals's Bar-B-Q	425	Mathilda Avenue North
Kaluah Kennels	689	Mathilda Avenue North
Katana	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.
KIT KAT CLUB	907	Arques Ave. E.
KOMALA VILAS RESTAURANT	1020	El Camino Real E.
Kragen Auto Parts	815	El Camino Real E.
Kuehne Construction	933	Kifer Road
Kuykendall's Auto Body & Frame	1024	Evelyn Avenue West
La Miche	1107	El Camino Real W.

LAKWOOD SHELL	1101	Lawrence Expy. N.
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 76	295	Lawrence Expressway
Lawrence Hooper, MD Inc.	500	East Remington
Le Boulanger	305	Mathilda Avenue North
Lee's Sandwiches	939	W. El Camino
LEFCO INC	698	Taylor Ave. E.
Leida's Restaurant Bar and Grill	845	Stewart Dr.
Le's Auto Repair	912	Evelyn Avenue West
Lin-Zhi International	687	Pastoria Avenue North
Lion & Compass	1023	Fair Oaks Avenue N.
Little Caesar's Pizza #5044	1039	Sunnyvale-Saratoga Road
Little Michoacan	305	North Fair Oaks Avenue
LMMS	1111	Lockheed Martin Way
LMMS GES	1111	Lockheed Martin Way
Lockheed Martin Corp.Groundwater Extraction	1235	Elko Dr.
Lockheed Martin Space Systems Co	1111	Lockheed Martin Way
LONGHORN CHARCOAL PIT	102	Fremont Avenue E.
Long's Drugs #9198	1675	Hollenbeck Road
Lookout Inn Restaurant, Inc.	605	Macara Avenue
Lowes	811	Arques Ave.
LOZANO AUTO SERVICE	934	El Camino Real W.
LOZANO'S CAR WASH	610	Grape Avenue
LUCKY DHABA	1034	El Camino Real E.
Lucky Foods (Save Mart #780)	484	Mathilda Avenue North
Lucky Shots Billards	189	Murphy Ave. S.
MAACO Auto Body	1042	Evelyn Avenue West
Made in Japan/Made in USA	169	Commercial Street
Madhuban Indian Cuisine	544	Lawrence Expressway
MADRAS CAFÉ, INC.	1177	El Camino Real W.
Madura Veg Indian Cuisine	1635	Hollenbeck Avenue
MAGIC WOK	734	Wolfe Road S.
Manufacturing & Engineering Consulting Service	265	Sobrante Way
Marchetti's (Rick) Auto Service	1026	Evelyn Avenue West
MARIE CALLENDER'S	751	El Camino Real E.
MARK MORRIS TIRE SERVICE	922	El Camino Real W.
Marty's Donut Shop	350	Maude Avenue West
Mathilda Valero #7669 - Ivy Valero Auto Service	498	Mathilda Avenue North
Maxim	433	Mathilda Avenue N.
Maxim Integrated Products, Inc.	929	Arques
MC DONALD'S	550	Lawrence Expressway
Mc Donald's #6867	615	Mathilda Avenue North
McDonald's	1169	El Camino Real W.
McDONALD'S RESTAURANT	556	El Camino Real E.
MDS Analytical Technologies	1312	Crossman
MedDev Corporation	730	Pastoria Avenue North
Medtronic	480	Java Dr.
Mee's Cleaners	1607	Hollenbeck Road

Mellow's Nursery	221	Mathilda Avenue North
MERCADO LA TORRE INC	614	Evelyn Ave. E.
Merit Vegetarian	548	Lawrence Expressway
MiaSole	435	Oakmead Parkway
MID Auto Service	1155	Willow Ave.
Midori	1066	El Camino Real E.
Miholovich Concrete Construction Co., Inc.	840	Muender Avenue
Mission City Café	510	Lawrence Exp
Modern Mufflers	1173	El Camino Real E.
MOHAWK LABORATORIES DIV OF NCH CORP	932	Kifer Rd.
MOLECULAR DEVICES, INC.	1311	Orleans Drive
Molecular Medicine Research Institute (MMRI)	552	Del Rey Avenue
Molecular Medicine Research Institute (MMRI)	525	Del Ray Avenue
MURPHY AVENUE PET CLINIC	101	Hendy Ave. W.
MURPHY'S LAW	135	Murphy Ave. S.
Namaste Supermarket/ Swathi Tiffins	1202	Apollo Way
NASA Bldg. M-12 DECA Commissary		Moffett Field
NASA Bldg. M-146 CANG Vehicle Wash Rack		Moffett Field
NASA Bldg. M-439		Moffett Field
NASA Bldg. M-455 Golf Cart Storage		Moffett Field
NASA Bldg. M-545 Fuel Laboratory		Moffett Field
NASA Bldg. M-580 Fire Station		Moffett Field
NASA Bldg. M-580 Fire Station		Moffett Field
NASA Bldg. M-585 Wash Rack		Moffett Field
NASA Bldg. M-662 Hangar 4		Moffett Field
NASA Bldg. M-684 CANG Aerospace Ground Equipment		Moffett Field
NASA Bldg. M-934 Tee Minus One Bar and Grill		Moffett Field
NASA Bldg. N-239		Moffett Field
NASA Bldg. N-239		Moffett Field
NASA Bldg. N-245 - Earth Science		Moffett Field
NASA Bldg. N-248E Wash Rack		Moffett Field
NASA Moffett Federal Airfield		Moffett Field
Neoconix 1	639	Pastoria Avenue North
Neoconix 2	715	Pastoria Avenue North
New Chef Lee's Chinese Restaurant	1115	Tasman Drive
NEW YORK STYLE SAUSAGE CO	1228	Reamwood Avenue
Nino's Cleaners	826	Fremont Avenue E.
Nizario's Pizza	725	Sunnyvale-Saratoga Road
Noron Precision Machining	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.
OASIS	952	El Camino Real E.
Ocean Blue Sushi Club	1010	El Camino Real E.
OEPIIC Inc. / BridgeLux	1231	Boredeaux Drive
OIL CHANGERS #201	1240	El Camino Real W.
Oil Changers #405	135	Wolfe Road N.
OK Auto Body & Engine Repair	210	Ahwanee Avenue
OLIVER INSTRUMENTS INC	922	California Avenue E.
OLLER BROS AUTO REPAIR	1096	Maude Ave. W.
Onda Corporation	592	East Weddell Drive East

ONE DAY CLEANER	417	El Camino Real E.
Onizuka Air Station	1080	Lockheed Way
Orange Night Club	1102	Evelyn Avenue West
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
Pak 'N Save Foods #3103	762	Sunnyvale-Saratoga Road
Palace Bar-B-Que Buffet	1092	El Camino Real E.
PALACE CAFÉ	139	Murphy Ave. S.
Palladium Nightclub	767	Mathilda Avenue North
Palm Cafeteria	950	Maude Avenue West
Pan Tao Restaurant	1686	Wolfe Road S.
Panchavati	460	Persian Dr.
Panda Express	790	El Camino Real E.
PAPA MURPHY'S	939	El Camino Real W.
Paredes Autoworks	1062	El Camino Real E.
Park Cleaners and Shoe Repair	848	East Evelyn Avenue
Parkinsons Institute	1170	Morse Ave.
Parkinson's Institute & Clinical Center	675	Almanor Avenue
Parkside Villas	1046	Morse Ave.
Pasta Market	460	El Camino Real E.
Pasta Pomodoro	300	El Camino Real West
PATIO, The	944	El Camino Real E.
Paul & Harvey's	130	Murphy Avenue S.
Peacock Lounge	106	Fremont Ave. E.
Pearson Automobile Company	1176	El Camino Real W.
PEBBLE ROPPONGI	160	Francis Ave. S.
Peet's Coffee and Tea #135	144	El Camino Real West
PENINSULA BUILDING MATERIALS CO	1175	Aster Ave.
Pep Boys	170	El Camino Real E.
PEPSI COLA BOTTLING COMPANY	960	Kifer Rd.
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	1274	Persian Drive
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
Phuong Thao	155	South Murphy Avenue
Pierre's Tailorshop & Dry Cleaning	147	E. Washington Ave.
PINE CONE LUMBER	895	Evelyn Avenue E.
PINE PRESS	1366	Mary Ave. S.

Pivot Medical	762	Palomar Avenue
PIZZA DEPOT	919	Duane Avenue E.
Pizza Hut	1241	El Camino Real W.
Pizza Hut #011668	464	Mathilda Avenue North
Pizza Pub	1342	Mary Ave.
Pizzeria Piana	1287	S. Mary Ave
Popeyes Chicken and Biscuits	802	w. El Camino
Power Print	1010	Morse Ave.
Precision Tune Auto Care	135	Wolfe Road N.
PRECISION TUNE AUTO CARE	1004	El Camino Real W.
PRINTING WORKS, THE	1111	Elko Dr.
Prism Inks	830	Ahwanee Avenue
Pro Star Auto and Towing	150	Wolfe Road
Protevo Biotech, LLC	562	E. Weddell Dr.
Q Cleaners	505	Pastoria Avenue South
Qualitek	1225	Elko Dr
QUALITEK INC (DBA WESTAK INC)	1225	Elko Dr.
QUALITY AUTO CENTER	1062	El Camino Real E.
Quality Cleaners	566	El Camino Real E.
Quality Tune Up Shop (#2)	696	Mathilda Avenue North
Quarter Note Bar and Grill	1214	Apollo Way
Quiet Solutions	1250	Elko Ave.
Quiznos Sub	251	S. Mary Ave.
Rainbow Car Wash and Detail	975	El Camino Real E.
Rajjot	1234	Wolfe Road S.
Rapid Precision Mfg., Inc.	650	Vaqueros Avenue
REACTION TECHNOLOGY, INC.	1225	Bordeaux Drive
Remington Podiatry Group	697	Reminton Dr. E
Rene Rose	621	Caliente Dr.
RESPONSIBLE METAL FAB INC	1256	Lawrence Station Rd. N.
Resurrection School & Church	1395	Hollenbeck Road
RILEY CHIROPRACTIC	939	El Camino Real W.
rmg enterprises	960	El Camino Real W.
Road Runner Automotive	711	East Evelyn Avenue
Rok Bistro	124	Murphy Ave. S.
Rokko	190	Frances Ave. S.
RON'S TRANSMISSIONS	932	El Camino Real W.
Rooster T. Feathers Comedy Club	157	El Camino Real West
ROUND TABLE PIZZA	860	Old San Francisco Road
ROUND TABLE PIZZA	665	Bernardo Avenue S.
Round Table Pizza #4	1663	Hollenbeck Road
Round Table Pizza #713	415	Mary Avenue North
Roya	1253	El Camino Real W.
ROYAL DRY CLEANERS	1151	Lawrence Expy.
Ruby's Taqueria	821	Borregas Avenue
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	733	Wolfe Rd. S.
Saigon Hong Kong Restaurant	1135	Lawrence Expressway

Saigon's Cleaners & Alterations	1034	E. El Camino
Saizo	592	El Camino Real E.
Sakura Sushi	173	South Murphy Avenue
Samax Precision, Inc.	926	Evelyn Avenue West
Santa Clara Cycle	993	El Camino Real E.
Saravanaa Bhavan	1305	S. Mary Ave.
Sarpinos	1287	Mary Avenue S.
Savory and Sweet	149	Hendy Avenue
Sawa Sushi	1042	El Camino Real E.
Scandia Auto Service	848	Evelyn Avenue West
SCOTTY'S CLEANERS	684	Fair Oaks Ave.
Scruffy Murphy's	187	Murphy Avenue S.
Senor Jalepeno	415	Mary Avenue North
Senzala	250	E. Java
Seto Deli	115	Maude Avenue East
Seto Tempura House	511	Borregas Avenue
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
SHELL - westmore	925	Fremont Avenue W.
Shell (Mathilda)	776	Mathilda Avenue North
SHELL / Sunnyvale Car Wash	905	El Camino Real E.
SHELL- Wolfe Auto Service	703	Wolfe Road S.
Shiki Sushi	1082	E. El Camino Real
Shirin Deli & Market	582	Murphy Ave S
Shooter's Bar and Grill	769	Mathilda Avenue North
Siam Taste	172	South Murphy Street
Sierra Proto Express, Inc.	1108	Evelyn Avenue West
SILICON STORAGE TECHNOLOGIES	1171	Sonora Court
SILICON VALLEY AUTO BODY	327	Weddell Drive
Silicon Valley Chiropractic Group	333	El Camino Real West
Silicon Valley Fuels	1697	S. Wolfe Road
Silicon Valley Spine & Disc Center	333	El Camino Real West
Silver Spoon	620	Hollenbeck Road
SIR SPEEDY	1185	Tasman Dr.
Siteler Wash	950	High School Way Mtn. View 94041
SMaRT STATION-GREEN TEAM ZANKER	301	Carl Road
Smog It Test Center	1088	Evelyn Avenue West
Smoothie King #644	398	El Camino Real West
Spansion LLC	915	Deguigne Drive
Spansion LLC	915	Deguigne Drive
Sparkle Clean Dry Cleaners	478	Mathilda Avenue North
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.
S-Sense	137	Fremont Ave. E.
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
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 #631	1687	Hollenbeck Road
Starbucks Coffee #5981	332	El Camino Real West
Staybridge Suites	900	Hamlin Court
STEVEN'S CLASSIC PHILLY CHEESESTEAK	1121	Tasman Drive
Subway	1044	El Camino Real E
SUBWAY	605	El Camino Real E.
SUBWAY	704	Wolfe Rd. S.
Subway	500	Lawrence Expressway
Subway	956	El Camino Real W.
Subway	264	Java Drive
Subway Sandwiches #5834	415	Mary Avenue North
Sugar, Butter, Flour	669	S. Bernardo Ave.
Summer Winds Nursery	861	El Camino Real E.
Sun Microsystems, Inc. (SME)	324	Mary Avenue North
Sunny Auto Care	1170	Willow Ave.
Sunny Buffet	502	Ross Drive
Sunny V Café	1133	Lawrence Expressway
Sunnyvale 76	1198	El Camino Real W.
Sunnyvale Acura	750	El Camino Real E.
Sunnyvale Art Gallery Café	251	El Camino Real
Sunnyvale Art Gallery Café	251	El Camino Real West
Sunnyvale Auto Body	505	Almanor Avenue
Sunnyvale Auto Spa	1005	El Camino Real W.
Sunnyvale Café	223	Maude Avenue East
Sunnyvale Car Wash (Chevron)	724	Mathilda Avenue North
Sunnyvale Chevrolet	660	El Camino Real West
Sunnyvale Chiropractic	481	Murphy Ave. S.
Sunnyvale Collision Centers	904	Arques Ave. E.
Sunnyvale Dodge	1095	El Camino Real W.
Sunnyvale Elks Lodge	375	Pastoria Avenue North
Sunnyvale Hyundai	710	East El Camino Real
SUNNYVALE LINCOLN MERCURY	1124	El Camino Real W.
Sunnyvale Lumber, Inc.	870	Evelyn Avenue West
Sunnyvale Motorcars	681	El Camino Real E.
SUNNYVALE SCHOOL DISTRICT	825	Iowa Avenue W.
Sunnyvale Self Storage	875	E Arques Ave
Sunnyvale Smog Center	1062	El Camino Real E.
SUNNYVALE TOWING	247	Commercial Street
Sunnyvale Unocal #254315 - Truman Auto Care	499	Mathilda Avenue North
SUNNYVALE VOLKSWAGEN	1025	El Camino Real E.
SUNNYVALE WELDING & FABRICATING	717	Evelyn Ave. E.
SunPower Corporation	430	Indio Way
Sunpreme, Inc.	615	Palomar
Sunrise Senior Living	633	Knickerbocker S.
Super Burrito	1671	Hollenbeck Road

Super Pan Bakery & Meat Market	259	Maude Avenue East
SUPER QUALITY CLEANERS	1049	El Camino Real E.
Surface Engineering	919	Hamlin Court
Susan's Donuts & Snacks	1113	Tasman Drive
Sushi Club	415	Mary Avenue North
Swan Deli Bakery	1296	Kifer Road
SWEET TOMATOES	1210	Kifer Road
SWMP 525 Almanor	525	Almanor
SWMP for San Mateo CPP Investors	782	E. El Camino Real
SWMP Java Metro Center	111	West Java Dr.
Symmorphix, Inc.	1278	Reamwood Avenue
SYMYX TECHNOLOGY	1263	Arques Avenue
Synopsys, Inc.	445	Mary Avenue North
Szechuan Garden Express	1677	Hollenbeck Avenue
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
TAJ INDIA	889	El Camino Real E.
Tanto Japanese Restaurant	1063	El Camino Real E.
TAO TAO	175	Murphy Avenue S.
Tapioca Express	808	W. El Camino Real
Taqueria El Adobe	590	Old San Francisco Road
Taqueria El Grullo	620	Evelyn Ave. E.
Taqueria Latina	201	Maude Avenue East
Target	211	West Iowa Avenue
TARRAGON	140	Murphy Avenue S.
Taste Buds	673	Grape Ave.
Tasty Sub and Pizza	528	Lawrence Exp.
Tasty Subs & Pizza	528	Lawrence Expressway
Taverna Bistro	133	Murphy Avenue S.
TELEDYNE COUGAR ELECTRONICS	290	Santa Ana Ct.
Terry's Cleaners	1665	Hollenbeck Road
TGI's Sushi	903	E. Duane Avenue
THAI BASIL #1	101	Murphy Avenue. S.
Thai Pepper	103	Fremont Ave. E.
THAI SPOONS	909	El Camino Real W.
Thanh's Restaurant	1294	Kifer Road
The Bay Fish & Chips	826	El Camino Real W.
THE FRENCH QUARTER	193	Murphy Avenue S.
The Old Siam	1111	W. El Camino
Thermo Fisher Scientific	612	Mary Avenue North
THUY'S TAILORS AND CLEANERS	159	Sunnyvale Ave. S.
TIA JUANA MEXICAN RESTAURANT	901	Duane Avenue E.
TJ Automotive	135	Wolfe Road N.
Tobie Tyler Restaurant and Bar	1217	Wildwood Avenue
Tofu House & Chocolate Sushi	595	El Camino Real E.
TOGOS	1253	El Camino Real W.
TOGO'S	561	El Camino Real E.
Togo's	540	Lawrence Expressway

Togo's Eatery	1220	Crossman Avenue
Togo's Eatery #334704	1683	Hollenbeck Road
Tom's Auto Repair	1004	W. El Camino
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	727	Sunnyvale-Saratoga Road
Tres Potrillos Taqueria	670	Fair Oaks Avenue N.
Trinity Church	477	Mathilda Avenue North
Trinity Church	477	Mathilda Avenue North
TRU-SI TECHNOLOGIES	657	Pastoria Avenue N.
TURMERIC INDIAN CUISINE	141	Murphy Ave. S.
TW Manufacturing LLC	1225	Bordeaux Drive
UDUPI PALACE	976	El Camino Real E.
UHAUL	939	El Camino Real E.
UNAMAS	548	Lawrence Expressway
Unilever Bestfoods N.A.	1484	Kifer Rd.
Union 76 (Sunnyvale-Saratoga Road)	1296	Sunnyvale-Saratoga Road
UNITED PARCEL SERVICE	1245	Hammerwood Avenue
United Rentals #547	940	Evelyn Avenue West
UPS	925	Morse Ave.
Valero	698	Fair Oaks Avenue N.
Valero	750	S Bernardo
Valero/Lakewood Smog and Auto Repair	1037	Lakehaven Drive
Valle Sol	168	Murphy Ave. S.
VANDER-BEND MANUFACTURING	123	Uranium Rd.
Vargas Elementary School	1054	Carson Drive`
Vargas Upholstery	675	El Camino Real E.
Vega Auto Repair	848	Evelyn Avenue West
Verizon Wireless Maintenance Switch Center	411	Pastoria Avenue North
Vito's Pizzeria	1155	Reed Avenue
Volker Precision Products, Inc.	650	Vaqueros Avenue
W.L. GORE AND ASSOCIATES, INC.	1327	Orleans Dr.
Walgreens	780	El Camino Real
Walgreens	105	El Camino Real E.
WALGREENS STORE #3380	1306	Mary Ave. S.
Wellness Chiropractic	730	El Camino Real E.
Wendy's	1313	Wolfe Road S.
Wendy's Old Fashioned Hamburgers #528	485	Mathilda Avenue North
West Coast Auto Body	836	Evelyn Avenue West
WESTAK	1272	Forgewood Dr.
Wheel Works	1291	W. El Camino
WINDSOR FISH & CHIPS	876	Old San Francisco Road
Wing Stop #451	1661	Hollenbeck Avenue
Wok's On Express	156	El Camino Real West
WOLF CAMERA AND VIDEO #951	806	El Camino Real W.
Wolfe Engineering	1450	Kifer Road
World Oil #50	117	Maude Avenue West
X Smog, Inc.	771	Mathilda Avenue North
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
Zinola Manufacturing	1190	Evelyn Avenue West
Zoll Circulation	650	Almanor Avenue
Zuccato's Auto Care	1026	Evelyn Avenue West

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

Appendix 4-2: C.4.b.iii (2) – Facilities Scheduled for Inspection in FY 10-11

City of Sunnyvale C.4.b.iii.(2) ► Facilities Scheduled for Inspection - FY 10-11

CompanyName	Address1	Address2
888 Auto Corporation	590	El Camino Real West
A & H AUTO WRECKER	295	Commercial Street
A & J Product Solutions	1245	Birchwood Ave.
A.G. Ferrari Foods	304	El Camino Real West
A-1 Performance	771	Mathilda Avenue North
AAA Speedy Smog	135	Wolfe Road N.
AAMCO Transmission #25037	968	Evelyn Avenue West
Acellent Technologies	835	Stewart Dr.
Acta Pharmacal Co.	380	Pastoria Avenue North
Active Auto Body	1281	Forgewood Dr.
Advanced Auto Repair	912	Evelyn Avenue West
Advanced Micro Devices (FASL, LLC.)	991	Stewart Drive
ADVANCED PHOTO CIRCUITS	1270	Lawrence Station Rd.
Aeroflex / Metelics	975	Stewart Drive
AFGHANI HOUSE RESTAURANT	1103	El Camino Real E.
Aixtron Genus, Inc.	1139	Karlstad Dr.
AL-CON AUTOMOTIVE	279	Fair Oaks Dr. N.
ALLEGRIA	233	Weddell Drive
Allvia, Inc.	657	Pastoria Avenue North
Allvia, Inc.	655	Pastoria Avenue North
American Diner	415	East El Camino Real
American European Auto Clinic	105	Maude Avenue East
AMERICAN PEPTIDE	777	Evelyn Avenue E.
Anchor Auto Body and Frame	1028	Evelyn Avenue West
Andhra Bhavan Indian Cuisine	151	El Camino Read E.
Annapoorna	573	East El Camino Real
Annapurna Snacks	1112	Elko Dr.
Antojitos Salvadorenos Restaurant	911	E. Duane Ave.
Applied Materials, Inc.	974	Arques Avenue East
Applied Materials, Inc. Arques Café	974	Arques Avenue East
ARA AUTOMATED FINISHING	1286	Anvilwood Avenue
Arby's	601	Bernardo Avenue S.
ARCO AM/PM SILICON MINIMART	860	Fremont Avenue W.
Ariake Sushi	759	El Camino Real E.
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 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.
Asia Village Restaurant	747	Wolfe Road S.
Asia Village Restaurant	747	Wolfe Road S.
AT & T West Corp Yard	1188	Evelyn Avenue West

Athidhi Indian Cuisine	727	Old San Francisco Road
Auto Champs	771	Mathilda Avenue North
Auto Collision Experts	908	Arques Ave.
AUTO TECHNICA	665	El Camino Real E.
Avantec	1049	Kiel Court
Avantec Vascular	605	West California
B2 Perfection Body Shop	150	Wolfe Road
Babaka Halal Market	618	Hollenbeck Avenue
Bagel Street Café	348	Maude Avenue West
Baja Fresh Mexican Grill #288	701	Sunnyvale Avenue
BARN THAI	921	Duane Avenue E.
BARNES, WM G & SON COMPANY	1146	Sonora Ct.
BARRON AUTOMOTIVE	120	Murphy Ave. N.
BASKIN ROBBINS-311	939	El Camino Real W.
Bavarian Enterprises	205	Washington Avenue E.
Bay Area Geotechnical Group (BAGG)	847	Maude Avenue West
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.
BAYSHORE FENCE CO INC	933	Kifer Road
BEAN SCENE GOURMET COFFEE & TEA, THE	186	Murphy Ave. S.
BELL PLAZA CHIROPRACTIC	1052	El Camino Real E.
Beryl's Place	1250	Oakmead Parkway
BETTER BENTO	550	Lakeside Drive
BETTY BRITE CLEANERS	631	Grape Ave.
Bhavika's Chatpat	1053	El Camino Real E.
Bhavika's Food-to-Go	1053	El Camino Real E.
BIKE WORLD	953	El Camino Real W.
Black Angus	740	El Camino Real E.
Blue 29	615	Palomar Avenue
Blue Bonnet Sports Bar	208	Fair Oaks Avenue S.
BOB'S AUTO SUPPLY	124	Carroll Street
BOB'S MACHINE SHOP	1181	Tasman Dr.
Bogarts	1209	Wildwood Avenue
Borders Books #473	316	El Camino Real West
BORG TECHNICAL SERVICES	1240	Mt. View-Alviso Rd.
Brass Rail	160	Persian Drive
BREAD BASKET DELI	135	Wolfe Road N.
BridgeLux	1231	Bourdeaux Dr.
BRITISH & EUROPEAN	683	El Camino Real E.
Bubble Wash	696	El Camino Real West
BUGFORMANCE	944	El Camino Real W.
Burger King #10957	773	Mathilda Avenue North
Cabritos Mexican Bistro	685	El Camino Real E.
Café Dolce	415	Mary Avenue North
Cal West Automotive	970	Evelyn Avenue West
CaliSolar	985	Almanor Avenue
CALSTONE COMPANY	1155	Aster Avenue
CAM HUNG	903	Reed Avenue
Cameron Veterinary Hospital	1285	Mary Ave.

Carl's Jr.	1051	El Camino Real E.
Carl's Jr.	1220	Oakmead Parkway
Carl's Jr.	1195	El Camino Real W.
Casa Lupe	691	Bernardo Avenue S.
Cathay Cathay Chinese Food	542	Lakeside Dr.
Cathay Cathay Chinese Food	542	Lakeside Drive
Cedar Crest Nursing and Rehabilitation Center	797	Fremont Avenue E.
CHAAT HOUSE	893	El Camino Real E.
Chaat House	939	El Camino Real W.
Chavez Supermarket	666	Fair Oaks 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.
China Moon Skewer House	1179	W. El Camino
Chipolte's #279	324	El Camino Real West
Chiropractic Care	520	Lawrence Expy.
Chubby's Broiler	1135	Tasman Drive
Citala Us. Inc	1281	Reamwood
City of Sunnyvale Corporation Yard	221	Commercial Street
City of Sunnyvale Golf Course Cart Maintenance	605	Macara Avenue
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 Bahia	1131	Lawrence Expressway
Club La Ronda	927	Duane Ave. East
Clubouse Café	1010	Wolfe Road S.
Coco's Family Restaurant	1209	Oakmead Parkway
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
Columbia Middle School	739	Morse Avenue
Complete Genomics	750	Pastoria Avenue North
CONTINENTAL MOTOR WORKS	665	El Camino Real E.
COPY	711	Evelyn Ave. E.
COSTCO	150	Lawrence Station Road
COUNTRY GOURMET	1314	Mary Avenue S.
Country Inn and Suites	1300	Chesapeake Terrace
Crazy Buffet	830	East El Camino Real
Cupertino Auto Service	11025	De Anza Boulevard North
Cups & Coins Café	415	Mary Avenue North
CVS/Pharmacy	576	El Camino Real E.
CYTYC Corp.	1240	Elko Dr.
Daily Donuts	708	Caliente Dr.
Daily Donuts	110	Sunnyvale Ave. S
Daily Donuts & Sandwiches	505	Pastoria Avenue South
DAINIPPON SCREEN ENG (DNS)	820	Kifer Rd.

Dairy Belle Freeze #17	1323	Sunnyvale-Saratoga Road
Dairy Belle Freeze #29	736	Mathilda Avenue North
Da-Les Auto Body	728	San Aleso Avenue
Daniel's B&M Cars	848	Evelyn Avenue West
Dannicks Auto Care	135	Wolfe Road. N.
Daphne's Greek Café #1073	144	El Camino Real West
Dastgah Firestone	135	Wolfe Road
DAYTON AUTOMOTIVE	650	Taylor Ave. E.
DE ANZA SQUARE CLEANERS	1358	Mary Ave. S.
DEL MONTE RESTAURANT	100	Murphy Ave. S.
DELIGHT CLEANERS	1281	El Camino Real W.
Denny's Restaurant #7217	311	Mathilda Avenue South
Denny's Restaurant #7218	814	Ahwanee Avenue
DHL WORLDWIDE EXPRESS	1383	Borregas Ave.
Diagnostics for the Real World, Ltd.	840	Del Rey Avenue
DIAGNOSTICS UNLIMITED	135	Wolfe Road N.
Dionex Corporation Building 1	1228	Titan Way
Dionex Corporation Building 2	445	Lakeside Drive
Dionex Corporation Building 3	500	Mercury Drive
Dionex Corporation Building 5	527	Lakeside Drive
Dionex Corporation Building 5 Cafeteria	527	Lakeside Drive
Dish Dash	190	Murphy Avenue S.
Domain Hotel	1085	El Camino Real
Dominos Pizza	615	Caliente Drive
Domino's Pizza	992	El Camino Real W.
Don and Jon's Automotive	1080	El Camino Real E.
Dough Daddy Bakery	907	Duane Ave.
Dryclean Best	605	El Camino Real E.
Duraclean Service	285	Sobrante Way
Dusita Thai	1028	El Camino Real
E&C Auto Depot / World Muffler	966	El Camino Real E.
ebr Systems	686	Maude Avenue West
ECONOMY AUTO REPAIR	1170	Willow Ave.
EL CAMINITO MEXICAN RESTAURANT	510	El Camino Real E.
El Cerrito Taqueria	120	Persian Drive
El Molcajete	1161	Lawrence Expressway
EL POLLO LOCO	996	El Camino Real W.
Elephant Express	302	Fair Oaks Ave. N.
Elko Station Deli	1111	Elko Dr.
Endevco MEMS	355	Pastoria Avenue 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.
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/Café	745	Wolfe Road S.
Excelics Semiconductor	310	DeGuigne
F & M AUTO	975	El Camino Real W.
F&S Autobody	675	El Camino Real E.

FAIR OAKS 76	603	Old San Francisco Road
Falafel Bite	1500	Lawrence Expwy
Falore Nissan	680	El Camino Real E.
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
Fender's Collision Center	912	Evelyn Avenue West
FIBBAR MAGEE'S	156	Murphy Ave. S.
Fire House Grill and Brewery	111	South Murphy Avenue
Fith Avenue \$1.75 Cleaners	251	S. Mary Ave
Fortrend Engineering Corp.	610	Mary Avenue North
FOUR D METAL FINISHING, INC.	620	Taylor Avenue East
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
Fremont Unified High School District	589	Fremont Avenue West
FRESH CHOICE	1105	El Camino Real W.
Fujitsu	1250	Arques Avenue E.
GE Healthcare	928	Arques Avenue East
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
Godinez Tires	283	Fair Oaks Avenue N.
Golden West Collision Centers	666	El Camino Real West
Golden Wok	1677	Hollenbeck Road
GOLFLAND USA	855	El Camino Real E.
Grand Hotel	865	El Camino Real W.
Grand Indian Buffet	1214	Apollo Way
Great Vegi Land	562	Murphy S.
Griffin Upholstery	1062	El Camino Real E.
Guadalajara Grill	1342	Mary Ave
Guadalajara Market	827	Borregas Avenue
GUMBA'S ITALIAN RESTAURANT	176	Murphy Avenue S.
H. Butler's BBQ	568	El Camino Real E.
Hanamaru	675	Bernardo Avenue S.
Hank Auto Repair	771	Mathilda Avenue North
HANKOOK DELI & SUPERMARKET	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.
HISTORIC DEL MONTE BUILDING	100	Murphy Ave. S.
Hobee's California Restaurants #7	800	Ahwanee Avenue
HOFFMAN MACHINING	1010	Morse Ave.
Holiday Cleaners	1111	El Camino Real
HOME DEPOT	680	Kifer Rd.
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	546	Lawrence Expressway
House of Bagels	1681	Hollenbeck Road
House of Kabobs	161	South Murphy Street
HU, DR. HANK	749	Fremont Ave. W.
I Love Pizza	109	Fremont Avenue E.
IDEXX VETERINARY	1245	Reamwood Ave.
iL Postale	127	Washington Street W.
Import Auto Care	1170	Willow Ave.
Indus Auto	1062	El Camino Real E.
INFINERA	1322	Bordeaux Drive
IN-N-OUT BURGER	604	El Camino Real E.
Innovalight, Inc.	965	Arques Avenue East
Integrated Materials, Inc.	1169	Borregas Avenue
Intuity Medical	350	Potrero Avenue
IT Renew	1235	Elko Dr.
J & L Auto Repair	1038	Evelyn Avenue West
J PHOTO CENTER	1018	El Camino Real E.
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
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.
JOHN LINCOLN CO	172	Commercial St.
JSR Micro, Inc.	1280	Mathilda Ave. N.
Juniper Networks	1184	Mathilda Avenue N.
Just Tires	1297	El Camino Real W.
Kabob Afghan and Persian Cuisine	604	S. Mary Ave.
Kabul	833	El Camino Real W.
Kaloci & Son	810	Evelyn Avenue West
Kals's Bar-B-Q	425	Mathilda Avenue North
Katana	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.
KIT KAT CLUB	907	Arques Ave. E.
KOMALA VILAS RESTAURANT	1020	El Camino Real E.
Kragen Auto Parts	815	El Camino Real E.
Kuehne Construction	933	Kifer Road
Kuykendall's Auto Body & Frame	1024	Evelyn Avenue West
La Miche	1107	El Camino Real W.
LAKESWOOD SHELL	1101	Lawrence Expy. N.
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 76	295	Lawrence Expressway
Le Boulanger	305	Mathilda Avenue North
Lee's Sandwiches	939	W. El Camino
LEFCO INC	698	Taylor Ave. E.
Leida's Restaurant Bar and Grill	845	Stewart Dr.
Le's Auto Repair	912	Evelyn Avenue West
Lion & Compass	1023	Fair Oaks Avenue N.
Little Caesar's Pizza #5044	1039	Sunnyvale-Saratoga Road
Little Michoacan	305	North Fair Oaks Avenue
LMMS	1111	Lockheed Martin Way
LMMS GES	1111	Lockheed Martin Way
Lockheed Martin Corp.Groundwater Extraction	1235	Elko Dr.
LONGHORN CHARCOAL PIT	102	Fremont Avenue E.
Lookout Inn Restaurant, Inc.	605	Macara Avenue
LUCKY DHABA	1034	El Camino Real E.
Lucky Foods (Save Mart #780)	484	Mathilda Avenue North
MAACO Auto Body	1042	Evelyn Avenue West
Made in Japan/Made in USA	169	Commercial Street
Madhuban Indian Cuisine	544	Lawrence Expressway
MADRAS CAFÉ, INC.	1177	El Camino Real W.
Madura Veg Indian Cuisine	1635	Hollenbeck Avenue
MAGIC WOK	734	Wolfe Road S.
Marchetti's (Rick) Auto Service	1026	Evelyn Avenue West
MARIE CALLENDER'S	751	El Camino Real E.
MARK MORRIS TIRE SERVICE	922	El Camino Real W.
Marty's Donut Shop	350	Maude Avenue West
Mathilda Valero #7669 - Ivy Valero Auto Service	498	Mathilda Avenue North
Maxim	433	Mathilda Avenue N.
Maxim Integrated Products, Inc.	929	Arques
MC DONALD'S	550	Lawrence Expressway
Mc Donald's #6867	615	Mathilda Avenue North
McDonald's	1169	El Camino Real W.
McDONALD'S RESTAURANT	556	El Camino Real E.
Mellow's Nursery	221	Mathilda Avenue North
MERCADO LA TORRE INC	614	Evelyn Ave. E.
Merit Vegetarian	548	Lawrence Expressway
MiaSole	435	Oakmead Parkway
MID Auto Service	1155	Willow Ave.
Midori	1066	El Camino Real E.
Miholovich Concrete Construction Co., Inc.	840	Muender Avenue
Mission City Café	510	Lawrence Exp
Modern Mufflers	1173	El Camino Real E.
MOHAWK LABORATORIES DIV OF NCH CORP	932	Kifer Rd.
MOLECULAR DEVICES, INC.	1311	Orleans Drive
Molecular Medicine Research Institute (MMRI)	552	Del Rey Avenue
Molecular Medicine Research Institute (MMRI)	525	Del Ray Avenue
MURPHY'S LAW	135	Murphy Ave. S.
Namaste Supermarket/ Swathi Tiffins	1202	Apollo Way

NASA Bldg. M-12 DECA Commissary		Moffett Field
NASA Bldg. M-146 CANG Vehicle Wash Rack		Moffett Field
NASA Bldg. M-439		Moffett Field
NASA Bldg. M-455 Golf Cart Storage		Moffett Field
NASA Bldg. M-545 Fuel Laboratory		Moffett Field
NASA Bldg. M-580 Fire Station		Moffett Field
NASA Bldg. M-580 Fire Station		Moffett Field
NASA Bldg. M-585 Wash Rack		Moffett Field
NASA Bldg. M-662 Hangar 4		Moffett Field
NASA Bldg. M-684 CANG Aerospace Ground Equipment		Moffett Field
NASA Bldg. M-934 Tee Minus One Bar and Grill		Moffett Field
NASA Bldg. N-248E Wash Rack		Moffett Field
NASA Moffett Federal Airfield		Moffett Field
Neoconix 1	639	Pastoria Avenue North
Neoconix 2	715	Pastoria Avenue North
New Chef Lee's Chinese Restaurant	1115	Tasman Drive
NEW YORK STYLE SAUSAGE CO	1228	Reamwood Avenue
Nizario's Pizza	725	Sunnyvale-Saratoga Road
NORTHROP GRUMMAN CORPORATION	401	Hendy Ave. E.
NORTHROP-GRUMMAN CORP GTS	401	Hendy Ave. E.
OASIS	952	El Camino Real E.
Ocean Blue Sushi Club	1010	El Camino Real E.
OEPIC Inc. / BridgeLux	1231	Boredeaux Drive
OIL CHANGERS #201	1240	El Camino Real W.
Oil Changers #405	135	Wolfe Road N.
OK Auto Body & Engine Repair	210	Ahwanee Avenue
OLIVER INSTRUMENTS INC	922	California Avenue E.
OLLER BROS AUTO REPAIR	1096	Maude Ave. W.
Onda Corporation	592	East Weddell Drive East
Orange Night Club	1102	Evelyn Avenue West
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 Inn of Sunnyvale	170	Sunnyvale Avenue S.
Pad Thai Restaurant	500	Lawrence Expressway
Pak 'N Save Foods #3103	762	Sunnyvale-Saratoga Road
Palace Bar-B-Que Buffet	1092	El Camino Real E.
PALACE CAFÉ	139	Murphy Ave. S.
Palladium Nightclub	767	Mathilda Avenue North
Palm Cafeteria	950	Maude Avenue West
Pan Tao Restaurant	1686	Wolfe Road S.
Panchavati	460	Persian Dr.
Panda Express	790	El Camino Real E.
PAPA MURPHY'S	939	El Camino Real W.
Paredes Autoworks	1062	El Camino Real E.
Parkinsons Institute	1170	Morse Ave.
Parkinson's Institute & Clinical Center	675	Almanor Avenue
Pasta Market	460	El Camino Real E.
Pasta Pomodoro	300	El Camino Real West
PATIO, The	944	El Camino Real E.

Paul & Harvey's	130	Murphy Avenue S.
Pearson Automobile Company	1176	El Camino Real W.
PEBBLE ROPPONGI	160	Francis Ave. S.
Peet's Coffee and Tea #135	144	El Camino Real West
PENINSULA BUILDING MATERIALS CO	1175	Aster Ave.
Pep Boys	170	El Camino Real E.
PEPSI COLA BOTTLING COMPANY	960	Kifer Rd.
Pezzella's Villa Napoli	1025	El Camino Real W.
Pharmacyclics, Inc.	995	Arques Avenue East
Pho Bin Little Saigon	855	Homestead Road E.
PHO BINH	1274	Persian Drive
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
Phuong Thao	155	South Murphy Avenue
PINE CONE LUMBER	895	Evelyn Avenue E.
Pivot Medical	762	Palomar Avenue
PIZZA DEPOT	919	Duane Avenue E.
Pizza Hut	1241	El Camino Real W.
Pizza Hut #011668	464	Mathilda Avenue North
Popeyes Chicken and Biscuits	802	w. El Camino
Precision Tune Auto Care	135	Wolfe Road N.
PRINTING WORKS, THE	1111	Elko Dr.
Pro Star Auto and Towing	150	Wolfe Road
Protevo Biotech, LLC	562	E. Weddell Dr.
Qualitek	1225	Elko Dr
QUALITEK INC (DBA WESTAK INC)	1225	Elko Dr.
QUALITY AUTO CENTER	1062	El Camino Real E.
Quality Tune Up Shop (#2)	696	Mathilda Avenue North
Quarter Note Bar and Grill	1214	Apollo Way
Quiet Solutions	1250	Elko Ave.
Quiznos Sub	251	S. Mary Ave.
Rainbow Car Wash and Detail	975	El Camino Real E.
Rajjot	1234	Wolfe Road S.
Rapid Precision Mfg., Inc.	650	Vaqueros Avenue
REACTION TECHNOLOGY, INC.	1225	Bordeaux Drive
Rene Rose	621	Caliente Dr.
RESPONSIBLE METAL FAB INC	1256	Lawrence Station Rd. N.
Resurrection School & Church	1395	Hollenbeck Road
RILEY CHIROPRACTIC	939	El Camino Real W.
rmg enterprises	960	El Camino Real W.
Road Runner Automotive	711	East Evelyn Avenue
Rok Bistro	124	Murphy Ave. S.
Rokko	190	Frances Ave. S.
RON'S TRANSMISSIONS	932	El Camino Real W.
Rooster T. Feathers Comedy Club	157	El Camino Real West
ROUND TABLE PIZZA	860	Old San Francisco Road

ROUND TABLE PIZZA	665	Bernardo Avenue S.
Round Table Pizza #4	1663	Hollenbeck Road
Round Table Pizza #713	415	Mary Avenue North
Roya	1253	El Camino Real W.
Ruby's Taqueria	821	Borregas Avenue
S & S TIRE & AUTO REPAIR	597	Murphy Avenue S.
Safeway	639	Bernardo Avenue S.
Safeway Foods #313	1601	Hollenbeck Road
SAFEWAY INC	733	Wolfe Rd. S.
Saigon Hong Kong Restaurant	1135	Lawrence Expressway
Saizo	592	El Camino Real E.
Sakura Sushi	173	South Murphy Avenue
Santa Clara Cycle	993	El Camino Real E.
Saravanaa Bhavan	1305	S. Mary Ave.
Sarpinos	1287	Mary Avenue S.
Savory and Sweet	149	Hendy Avenue
Sawa Sushi	1042	El Camino Real E.
Scandia Auto Service	848	Evelyn Avenue West
SCOTTY'S CLEANERS	684	Fair Oaks Ave.
Scruffy Murphy's	187	Murphy Avenue S.
Senor Jalepeno	415	Mary Avenue North
Senzala	250	E. Java
Seto Deli	115	Maude Avenue East
Seto Tempura House	511	Borregas Avenue
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
SHELL - westmore	925	Fremont Avenue W.
Shell (Mathilda)	776	Mathilda Avenue North
SHELL / Sunnyvale Car Wash	905	El Camino Real E.
SHELL- Wolfe Auto Service	703	Wolfe Road S.
Shiki Sushi	1082	E. El Camino Real
Shirin Deli & Market	582	Murphy Ave S
Shooter's Bar and Grill	769	Mathilda Avenue North
Siam Taste	172	South Murphy Street
Sierra Proto Express, Inc.	1108	Evelyn Avenue West
SILICON STORAGE TECHNOLOGIES	1171	Sonora Court
SILICON VALLEY AUTO BODY	327	Weddell Drive
Silicon Valley Chiropractic Group	333	El Camino Real West
Silicon Valley Fuels	1697	S. Wolfe Road
Silicon Valley Spine & Disc Center	333	El Camino Real West
Silver Spoon	620	Hollenbeck Road
Siteler Wash	950	High School Way Mtn. View 94041
SMaRT STATION-GREEN TEAM ZANKER	301	Carl Road
Smog It Test Center	1088	Evelyn Avenue West
Smoothie King #644	398	El Camino Real West
Spansion LLC	915	Deguigne Drive
Spansion LLC	915	Deguigne Drive
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.
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
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 #631	1687	Hollenbeck Road
Starbucks Coffee #5981	332	El Camino Real West
Staybridge Suites	900	Hamlin Court
STEVEN'S CLASSIC PHILLY CHEESESTEAK	1121	Tasman Drive
Subway	1044	El Camino Real E
SUBWAY	704	Wolfe Rd. S.
Subway	500	Lawrence Expressway
Subway	956	El Camino Real W.
Subway	264	Java Drive
Subway Sandwiches #5834	415	Mary Avenue North
Sugar, Butter, Flour	669	S. Bernardo Ave.
Summer Winds Nursery	861	El Camino Real E.
Sun Microsystems, Inc. (SME)	324	Mary Avenue North
Sunny Auto Care	1170	Willow Ave.
Sunny Buffet	502	Ross Drive
Sunny V Café	1133	Lawrence Expressway
Sunnyvale 76	1198	El Camino Real W.
Sunnyvale Acura	750	El Camino Real E.
Sunnyvale Art Gallery Café	251	El Camino Real
Sunnyvale Art Gallery Café	251	El Camino Real West
Sunnyvale Auto Body	505	Almanor Avenue
Sunnyvale Auto Spa	1005	El Camino Real W.
Sunnyvale Car Wash (Chevron)	724	Mathilda Avenue North
Sunnyvale Chevrolet	660	El Camino Real West
Sunnyvale Collision Centers	904	Arques Ave. E.
Sunnyvale Dodge	1095	El Camino Real W.
Sunnyvale Elks Lodge	375	Pastoria Avenue North
Sunnyvale Hyundai	710	East El Camino Real
SUNNYVALE LINCOLN MERCURY	1124	El Camino Real W.
Sunnyvale Lumber, Inc.	870	Evelyn Avenue West
Sunnyvale Motorcars	681	El Camino Real E.
Sunnyvale Smog Center	1062	El Camino Real E.
SUNNYVALE TOWING	247	Commercial Street
Sunnyvale Unocal #254315 - Truman Auto Care	499	Mathilda Avenue North
SUNNYVALE VOLKSWAGEN	1025	El Camino Real E.
SUNNYVALE WELDING & FABRICATING	717	Evelyn Ave. E.
SunPower Corporation	430	Indio Way
Sunpreme, Inc.	615	Palomar
Sunrise Senior Living	633	Knickerbocker S.
Super Burrito	1671	Hollenbeck Road
Super Pan Bakery & Meat Market	259	Maude Avenue East

SUPER QUALITY CLEANERS	1049	El Camino Real E.
Susan's Donuts & Snacks	1113	Tasman Drive
Sushi Club	415	Mary Avenue North
Swan Deli Bakery	1296	Kifer Road
SWEET TOMATOES	1210	Kifer Road
Symmorphix, Inc.	1278	Reamwood Avenue
SYMYX TECHNOLOGY	1263	Arques Avenue
Synopsys, Inc.	445	Mary Avenue North
Szechuan Garden Express	1677	Hollenbeck Avenue
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
TAJ INDIA	889	El Camino Real E.
Tanto Japanese Restaurant	1063	El Camino Real E.
TAO TAO	175	Murphy Avenue S.
Tapioca Express	808	W. El Camino Real
Taqueria El Adobe	590	Old San Francisco Road
Taqueria El Grullo	620	Evelyn Ave. E.
Taqueria Latina	201	Maude Avenue East
Target	211	West Iowa Avenue
TARRAGON	140	Murphy Avenue S.
Taste Buds	673	Grape Ave.
Tasty Sub and Pizza	528	Lawrence Exp.
Tasty Subs & Pizza	528	Lawrence Expressway
Taverna Bistro	133	Murphy Avenue S.
TELEDYNE COUGAR ELECTRONICS	290	Santa Ana Ct.
THAI BASIL #1	101	Murphy Avenue. S.
Thai Pepper	103	Fremont Ave. E.
THAI SPOONS	909	El Camino Real W.
Thanh's Restaurant	1294	Kifer Road
The Bay Fish & Chips	826	El Camino Real W.
THE FRENCH QUARTER	193	Murphy Avenue S.
The Old Siam	1111	W. El Camino
Thermo Fisher Scientific	612	Mary Avenue North
TIA JUANA MEXICAN RESTAURANT	901	Duane Avenue E.
TJ Automotive	135	Wolfe Road N.
Tobie Tyler Restaurant and Bar	1217	Wildwood Avenue
Tofu House & Chocolate Sushi	595	El Camino Real E.
TOGOS	1253	El Camino Real W.
TOGO'S	561	El Camino Real E.
Togo's	540	Lawrence Expressway
Togo's Eatery	1220	Crossman Avenue
Togo's Eatery #334704	1683	Hollenbeck Road
Tom's Auto Repair	1004	W. El Camino
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.
Tres Potrillos Taqueria	670	Fair Oaks Avenue N.

Trinity Church	477	Mathilda Avenue North
Trinity Church	477	Mathilda Avenue North
TRU-SI TECHNOLOGIES	657	Pastoria Avenue N.
TURMERIC INDIAN CUISINE	141	Murphy Ave. S.
TW Manufacturing LLC	1225	Bordeaux Drive
UDUPI PALACE	976	El Camino Real E.
UHAUL	939	El Camino Real E.
UNAMAS	548	Lawrence Expressway
Unilever Bestfoods N.A.	1484	Kifer Rd.
Union 76 (Sunnyvale-Saratoga Road)	1296	Sunnyvale-Saratoga Road
United Rentals #547	940	Evelyn Avenue West
Valero	698	Fair Oaks Avenue N.
Valero	750	S Bernardo
Valero/Lakewood Smog and Auto Repair	1037	Lakehaven Drive
VANDER-BEND MANUFACTURING	123	Uranium Rd.
Vargas Elementary School	1054	Carson Drive`
Vargas Upholstery	675	El Camino Real E.
Vega Auto Repair	848	Evelyn Avenue West
Vito's Pizzeria	1155	Reed Avenue
W.L. GORE AND ASSOCIATES, INC.	1327	Orleans Dr.
Walgreens	780	El Camino Real
WALGREENS STORE #3380	1306	Mary Ave. S.
Wendy's	1313	Wolfe Road S.
Wendy's Old Fashioned Hamburgers #528	485	Mathilda Avenue North
West Coast Auto Body	836	Evelyn Avenue West
WESTAK	1272	Forgewood Dr.
WINDSOR FISH & CHIPS	876	Old San Francisco Road
Wing Stop #451	1661	Hollenbeck Avenue
Wok's On Express	156	El Camino Real West
WOLF CAMERA AND VIDEO #951	806	El Camino Real W.
Wolfe Engineering	1450	Kifer Road
World Oil #50	117	Maude Avenue West
X Smog, Inc.	771	Mathilda Avenue North
Xoft, Inc.	345	Potrero Avenue
Yahoo!, Inc.	781	First Avenue
Yume - Ya Japanese Restaurant	150	El Camino Real West
Zinola Manufacturing	1190	Evelyn Avenue West
Zuccato's Auto Care	1026	Evelyn Avenue West
Alphagraphics	1294	Anvilwood Avenue
PINE PRESS	1366	Mary Ave. S.
Hybrid Commercial Printing	1010	W. El Camino Real
BEST COPY PRINTING	1260	Persian Dr.
Power Print	1010	Morse Ave.
SIR SPEEDY	1185	Tasman Dr.

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

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

Contact Telephone Numbers for IDDE Program

City of Sunnyvale:

EMERGENCY	911 or (408) 736-6244
Public Works – Environmental Division Pretreatment Program Inspectors (M-F, 7 AM – 4PM)	(408) 730-7270 or (408) 730-7260 Fax (408) 747-1139
Public Safety Dispatch (Non-Emergency) (24-hour number)	(408) 730-7181
Public Works – Sewers and Storm Drain Collection System (24-hour number)	(408) 730-7510
Public Works Supervisor (cell phone) Superintendent of Field Services (cell)	(408) 334-4965 (408) 612-5645
Community Development (Building Safety Inspectors) (M- F, 8 AM – 5 PM)	(408) 730-7444

Other Important Numbers:

Office of Emergency Services (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) Courtesy Call: Sue Ma	(510) 622-2369 (510) 622-2386
Coast Guard (24 hour)	(415) 399-3530
Santa Clara County HHW 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

Section 7
Provision C.7 – Public Information and Outreach

Appendix 7-1: C.7.b.ii.1 - Advertising Campaign Table

C.7.b.ii.1 ► Advertising Campaign

Run Date(s)	Outreach Media Used	Message	Creative Developed
Jul-Aug 2009	Utility Bill Insert	IPM	Inserts placed into utility bill. Utility bills are sent to approximately 30,000 account customers for each two-month mailing. Advertisement was titled: "Pests Bugging You" and focused on solutions for less toxic pest control. Received phone calls from 10 residents requesting additional information.
Sept-Oct 2009	Utility Bill Insert	Mercury	Advertisement was titled: "Keep Mercury Out of the Environment" and focused on proper disposal methods.
September 9, 2009	Sunnyvale Sun	Litter	Advertisement publicizing and inviting individuals to participate in the California Coastal Cleanup event.
September 30, 2009	Sunnyvale Sun	Mercury	Advertisement publicizing our upcoming Mercury Thermometer Exchange event.
Mar-Apr 2010	Utility Bill Insert	Storm drain pollution prevention	Advertisement was titled: "Healthy Habits for Clean Water" and focused on ways to reduce storm drain pollution.
April 9, 2010	Sunnyvale Sun	Litter	Advertisement and piece publicizing and inviting individuals to participate in the Great American Litter Pick Up event
April 15, 2010 - mid June 2010	VTA Buses	Litter - storm drain pollution prevention	Water pollution prevention advertising for ads that were placed on the side of a minimum of 50 VTA buses that have routes that are in Sunnyvale. The advertisement focused on the importance of keeping litter out of storm drains and was titled: <i>"If it flows down the street ... it ends up in the creek"</i> .
April 16, 2010	Sunnyvale Sun	Mercury	Advertisement publicizing our upcoming Mercury Thermometer Exchange event.
Apr-May 2010	On-screen viewing at Mercado 20 and Cupertino 16 Theaters	IPM - Pests Bugging You?	Water pollution prevention advertising for on-screen viewing at the Mercado 20 and Cupertino 16 Theaters. The advertisement focused on IPM and pesticides.

Run Date(s)	Outreach Media Used	Message	Creative Developed
May-June 2010	Utility Bill Insert	ICID	Advertisement was titled: "Keeping Our Creeks and the Bay Clean" and focused on possible ICID incidents and how to report.
June 4, 2010	Sunnyvale Sun	IPM - Got Bugs?	Advertisement titled "Pests Bugging You" that focused on how to find solutions for less toxic pest control as well as gardeners that are trained in sustainable landscaping practices.

Section 7
Provision C.7 – Public Information and Outreach

Appendix 7-2: C.7.c - Media Relations Table

C.7.c ► Media Relations

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
COMMUNITY OUTREACH		
Quarterly Report		
<p>Print: Sunnyvale Quarterly Report The Quarterly Report is mailed to approx. 60,000 residents and businesses in Sunnyvale each every three months. In addition, 2000 copies of the report are distributed to reception and outreach areas around Sunnyvale.</p>	Summer 2009	(Litter) Great American Litter Pick-Up Wrap Up: Article on outcome of event
	Summer 2009	(IPM) Join Us at the Farmers Market: Article on meeting WPCP staff at the Farmers market to receive information on sustainable landscaping practices and IPM techniques.
	Summer 2009	(Stormwater pollution prevention - copper) Proper Maintenance & Draining of Pools, Spas, Fountains & Ponds: Article on how to properly drain the fore-mentioned items.
	Fall 2009	(Water conservation) Are You Flushing Money Down the Drain: Article on rebates available to Sunnyvale residents. .
	Fall 2009	(Mercury disposal) Mercury Fever Thermometer Exchange - Article on upcoming event and how to participate in the exchange.
	Fall 2009	(Water conservation) Sunnyvale to Host Landscaping Series - Article on upcoming series of workshops that promoted sustainable landscaping practices and how to attend.
	Fall 2009	(Litter) Plastic Bags Are a Problem: How Can You Help? - Article on plastic bags and litter and what residents can do to assist.
	Winter 2010	(Water pollution prevention and recycling) Community Kids Camp Teaches Kids to Care for Their Community: Article on kids camp, what is taught and how to attend upcoming sessions.
	Winter 2010	(Litter) Sunnyvale Volunteers Help Clear Trash from Coastline: Wrap up article on outcome of California Coastal Cleanup Day event in Sunnyvale
	Winter 2010	(Mercury disposal) Safe Disposal of Fluorescent Bulbs, Household Batteries and Other Mercury-Containing Items: Article on proper disposal on mercury-containing products
	Spring 2010	(Stormwater pollution prevention - copper) Clean Car, Cleaner Bay: Article on how to prevent storm drain pollution by washing your car at a car wash and the proper way to do it at home. Also included information on how to get Watershed watch card for discount car washes.
	Spring 2010	(Litter) Help Keep Sunnyvale Clean and Beautiful - Spring Cleaning: Article on upcoming clean up events and how to participate.

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
Quarterly Report (cont)		
Print: Sunnyvale Quarterly Report The Quarterly Report is mailed to approx. 60,000 residents and businesses in Sunnyvale each every three months. In addition, 2000 copies of the report are distributed to reception and outreach areas around Sunnyvale.	Spring 2010	(Water conservation) Keep Conserving Water: Article on encouraging individuals to continue conserving water
	Spring 2010	(Mercury disposal) Sunnyvale Celebrates 40 Years of Earth Day: Article on upcoming Earth Day event including Mercury Thermometer Exchange and other activities
	Spring 2010	(Stormwater pollution prevention and water conservation) Sustainable Sunnyvale Newsletter - Subscribe Now!: Article introducing new newsletter and how to sign up. Newsletter features various topics, including waste reduction, pollution prevention and water conservation.
Sustainable Sunnyvale		
Electronic Newsletter: Sustainable Sunnyvale The Sustainable Sunnyvale is an e-mail subscription newsletter that was introduced in 2010. The newsletter covers a variety of sustainable topics.	Mar-10	(Litter) Spring Cleaning For Our Waterways: Article on upcoming litter clean up events.
	Mar-10	(Water conservation) Landscaping and New Legislation: Article on new legislation and invitation to attend water-efficient landscaping classes
	Mar-10	(Stormwater pollution prevention) Wonderful Water, How to Protect It and Let's Recycle: Article on upcoming youth program and how to attend.
	May-10	(Water conservation) Water Efficient Landscaping Regulations: Article on Sunnyvale's new regulations.
	May-10	(Water conservation) Reduce the Use of Water in Your Yard: Article on upcoming series of courses to help residents and businesses conserve water and how to attend
	May-10	(IPM) Sustainable Landscape Maintenance: Article on how to do it yourself or find professionals trained in these practices.
Sunnyvale ReNews		
Print: Sunnyvale ReNews This newsletter is mailed quarterly to approximately 29,000 single family residents and 24,000 residents living in multi-family units. Copies are also available in key locations throughout the city.	Summer 2009	(Mercury disposal) Recycling Program for Kids: Article on upcoming youth program at Library.
	Summer 2009	(Mercury Disposal) How to Dispose of Household Hazardous Waste: Article on how to dispose of household hazardous waste, including mercury and other items.
	Summer 2009	(IPM and water conservation) Compost Workshops: Article on upcoming workshops and how to attend.
	Fall 2009	(IPM and water conservation) Compost Workshops: Article on upcoming workshops and how to attend.
	Fall 2009	(Litter) Coastal Cleanup Day: Article on upcoming event and how to participate

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
<i>Sunnyvale ReNews (cont)</i>		
Print: Sunnyvale ReNews This newsletter is mailed quarterly to approximately 29,000 single family residents and 24,000 residents living in multi-family units. Copies are also available in key locations throughout the city.	Fall 2009	(IPM and stormwater pollution prevention) What to Do With Extra Yard trimmings: Article on proper disposal .
	Fall 2009	(IPM and stormwater pollution prevention) How to Keep Our Storm Drains and Waterways Clean: Article on proper disposal of yard waste and pesticides
	Winter 2009	(Mercury disposal and stormwater pollution prevention) Recycling at the SMaRT Station: Article on what can be taken to the SMaRT Station - mentions fluorescent tubes and bulbs, batteries and automotive products
	Spring 2010	(IPM and water conservation) Compost Workshops: Article on upcoming workshops and how to attend.
	Spring 2010	(Mercury disposal) Earth Day Activities - mentions MedDrop and Mercury Thermometer Exchange
	Spring 2010	(Mercury disposal and stormwater pollution prevention) Recycling at the SMaRT Station: Article on what can be taken to the SMaRT Station - mentions fluorescent tubes and bulbs, batteries and automotive products
<i>Sunnyvale Community eNews</i>		
E-Mail: Sunnyvale Community eNews E-mail These emails were sent to approximately 220 community members.	Aug - Sep 2009	(Litter) Coastal Cleanup Day: information on upcoming event and how to participate
	Sep - Oct 2009	(Mercury disposal) Mercury Fever Thermometer Exchange - information on upcoming event and how to partake in the exchange.
	Apr-10	(Litter) Great American Litter Pick-Up Wrap Up: information on upcoming event and how to participate
	Apr - May 2010	(Litter) National River Cleanup Day: information on upcoming event and how to participate
<i>Flyers / Posters</i>		
Print: Flyers / Posters Placed at various key locations throughout the city promoting upcoming events event. **Any person living, working, going to school in Sunnyvale who used the library, community center, senior center or city hall could view the posters.	Aug - Sep 2009	(Litter) Coastal Cleanup Day: information on upcoming event and how to participate
	Sep-09	(Mercury disposal) P2 Week: information on upcoming week
	Sep - Oct 2009	(Mercury disposal) Thermometer Exchange / MedDrop: information on upcoming event and how to participate
	Mar - Apr 2010	(Mercury disposal) Earth Day Generations: information on upcoming youth presentation to be held at Library
	Mar - Apr 2010	(Litter) Great American Litter Pick Up: information on upcoming event and how to participate

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
Flyers / Posters (cont)		
Print: Flyers / Posters Placed at various key locations throughout the city promoting upcoming events event. **Any person living, working, going to school in Sunnyvale who used the library, community center, senior center or city hall could view the posters.	Apr-10	(Mercury disposal) Earth Day Flyer: Mentions MedDrop and Mercury Thermometer Exchange
	Apr-10	(Mercury disposal) Mercury Thermometer Exchange: information on upcoming event and how to participate
	Apr - May 2010	(Litter) National River Cleanup Day: information on upcoming event and how to participate
Senior Center Kiosk		
Sunnyvale Senior Center Kiosk Items are replenished as needed	Jun 2010 - present	(IPM and stormwater pollution prevention) Various IPM, Water Conservation and Pollution Prevention flyers and brochures are made available to the public.
Community Cable TV - KSUN		
Community Cable TV: KSUN Messages are developed and advertised on KSUN reaches approximately 20,000 Sunnyvale residents with cable TV.	Aug - Sep 2009	(Litter) Coastal Cleanup Day: information on upcoming event and how to participate
	September 20-26, 2009	(Stormwater pollution prevention) P2 Week: Pollution Prevention Tip #1: Focused on keeping auto fluids out of streets.
	September 20-26, 2009	(Mercury disposal) P2 Week: Pollution Prevention Tip #2: Focused on proper disposal of mercury-containing products.
	September 20-26, 2009	(Mercury disposal) P2 Week: Pollution Prevention Tip #3: Focused on IPM
	Sep - Oct 2009	(Mercury disposal) Mercury Thermometer Exchange: information on upcoming event.
Yahoo! Groups		
Online: Yahoo! Groups Posting Sunnyvale Cool City is group of Sunnyvale, California, residents and friends organized to act to reduce the emissions of greenhouse gases in their community.	Sep-09	(Litter) California Coastal Cleanup Event: information on event and how to participate
	Oct-09	(Mercury disposal) Mercury Thermometer Exchange: information on upcoming event.
	Mar - Apr 2010	(Mercury disposal) Mercury Thermometer Exchange: information on upcoming event.
	Mar - Apr 2010	(Litter) Great American Litter Pick Up: information on upcoming event and how to participate
	Apr - May 2010	(Litter) National River Cleanup Day: information on upcoming event and how to participate
Yahoo! Upcoming Events		
Online: Yahoo! Upcoming Events Calendar http://upcoming.yahoo.com/	Aug - Sept 2009	(Litter) California Coastal Cleanup Event: information on event and how to participate

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
Yahoo! Upcoming Events (cont)		
Online: Yahoo! Upcoming Events Calendar http://upcoming.yahoo.com/	August-October 2009	(Mercury disposal) Mercury Thermometer Exchange: information on upcoming event.
	March - April 2010	(Mercury disposal) Mercury Thermometer Exchange: information on upcoming event.
	March - April 2010	(Litter) Great American Litter Pick Up: information on upcoming event and how to participate
	April - May 2010	(Litter) National River Cleanup Day: information on upcoming event and how to participate
Mercury News Upcoming Events		
Online: San Jose Mercury News Upcoming Events Calendar http://events.mercurynews.com/	Aug - Sep 2009	(Litter) California Coastal Cleanup Event: information on event and how to participate
	Aug - Oct 2009	(Mercury disposal) Mercury Thermometer Exchange: information on upcoming event.
	Mar - Apr 2010	(Mercury disposal) Mercury Thermometer Exchange: information on upcoming event.
	Mar - Apr 2010	(Litter) Great American Litter Pick Up: information on upcoming event and how to participate
	Apr - May 2010	(Litter) National River Cleanup Day: information on upcoming event and how to participate
Press Release		
City of Sunnyvale Press Release All press releases are listed on the City's web site and may be picked up and run by other media agencies as well.	September 29, 2010	(Mercury disposal) Mercury Thermometer Exchange: information on upcoming event.
	April 14, 2010	(Mercury disposal) Celebrating Earth Day's 40th Anniversary: Includes information on MedDrop and Mercury Thermometer Exchange
Twitter		
Online / Mobile: City of Sunnyvale Twitter Account	Posted March 23, 2010	(Litter) Great American Litter Pick Up: information on upcoming event and how to participate
	Posted May 10, 2010	(Litter) National River Cleanup Day: information on upcoming event and how to participate
Facebook		
Online / Mobile: Treatbot (an Earth Day participant) Facebook Page	Posted on April 8, 2010	(Mercury disposal) Earth Day Event / Mercury Thermometer Exchange
Online / Mobile: On Sunnyvale Connects Facebook Page	Posted on May 14, 2010	(Litter) National River Cleanup Day in Sunnyvale: information on upcoming event and how to participate

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
Web Pages		
Online: City of Sunnyvale Web Pages	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.
BUSINESS OUTREACH		
Business eNews		
E-Mail: Business E-mail Blast This e-mail blast goes out to businesses in Sunnyvale that have opted to receive messages from the Recycling division.	August 25, 2009	(IPM and water conservation) Green Gardener Program: information on program and upcoming classes
EMPLOYEE OUTREACH		
Harbinger		
Online: The Harbinger Newsletter A newsletter for employees of the city of Sunnyvale that reaches approximately 900 municipal employees.	Jul - Aug 2009	(Stormwater pollution prevention - copper) Car Wash Kits Help the Public Keep our Water Clean: Contact information for staff receiving calls on car washing fundraising events and how kits help prevent storm drain pollution.
	Jul - Aug 2009	(IPM) Dealing With Pests the Sunnyvale Way: Article on Sunnyvale's IPM Policy
	Sep - Oct 2009	(Litter) Coastal Cleanup Day Nets More than 750 lbs of trash ...: Wrap up article on event
	Mar - Apr 2010	(Mercury disposal) Sunnyvale Celebrates 40 Years of earth Day: information on upcoming event - includes MedDrop and mercury Thermometer Exchange
	Mar - Apr 2010	Help Keep Sunnyvale Clean and Beautiful - Spring Cleaning: Article on upcoming clean up events and how to participate.
	Mar - Apr 2010	Stormwater pollution prevention and water conservation) Sustainable Sunnyvale Newsletter launched: Article introducing new newsletter and how to sign up. Newsletter features array of topics from waste reduction to water issues, etc ...

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
Poop Scoop		
Print: The Poop Scoop A newsletter for employees at the Water Pollution Control Plant that reaches approximately 65 employees.	Oct - Dec 2009	(Stormwater pollution prevention) Hi Ho, Hi Ho, It's Off to School We Go ... Article on Environmental Outreach school program and pollution prevention messages
	Feb - Mar 2010	(Litter) Great American Litter Pick Up: information on upcoming event and how to participate
Flyers / Posters		
Print: Flyers / Posters Placed in various staff break rooms (City Hall, DPS, Corp Yard, Senior Center, NOVA, WPCP, etc ...)	Aug - Sep 2009	(Litter) Coastal Cleanup Day: information on upcoming event and how to participate
	Sep - Oct 2009	(Mercury disposal) Thermometer Exchange / MedDrop: information on upcoming event and how to participate
	Jan - Jun 2010	(Water conservation) Water Conservation posters from SCVWD
Sunnyvale Staff E-Mail		
E-Mail : Sent to all City of Sunnyvale employees	September 21, 2009	(IPM, mercury disposal, water conservation) In Celebration of Pollution Prevention Week: information on what can be done at home and at work to prevent pollution. Covered various pollution prevention methods.
	March 11, 2010	(Mercury disposal) Proper Disposal of Mercury- Containing Products: information on proper disposal and why.
	April 22, 2010	(Mercury disposal) Today is Earth Day: information on upcoming event (including MedDrop and Mercury Thermometer Exchange)
Sunnyvale Staff E-Mail (cont)		
E-Mail : Sent to all City of Sunnyvale employees	June 1, 2010	(Stormwater pollution prevention - copper) A Clean Car and a Cleaner Bay: How to protect storm drain pollution by washing your car at a car wash and proper way if need to do it at home. Also included information on how to get Watershed Watch card for discount car washes.
REGIONAL OUTREACH		
Print: Brochure: used at various outreach venues	Dec 2009 - present	(Stormwater pollution prevention - copper and other pollutants) Car Wash Brochure Developed: How to protect storm drain pollution by washing your car at a car wash and proper way if need to do it at home. Includes information on car wash discounts.

Section 7
Provision C.7 – Public Information and Outreach

Appendix 7-3: C.7.e - Public Outreach Events Table

C.7.e ► Public Outreach Events

Event Details	Description (messages, audience)	Evaluation of Effectiveness
COMMUNITY OUTREACH		
Community Presentation at Fox Hollow Mobile Home Park July 8, 2009	Joint effort with Recycling and other city staff for a community presentation. Environmental outreach staff focused on IPM and Water Conservation. Was attended by adult residents.	Good outlet to meet with residents in their community and to focus on their needs and answer questions. Approximately 14 individuals attended.
Community Presentation at Willow Ranch Mobile Home Park August 11, 2009	Joint effort with Recycling and other city staff for a community presentation. Environmental outreach staff focused on IPM, litter and an overview of our program. Was attended by adult residents.	Good outlet to meet with residents in their community and to focus on their needs and answer questions. Approximately 36 individuals attended.
Human Relations & Cultural Diversity Advisory Committee Mtg. Sunnyvale City Hall Conf. Room September 16, 2009	Environmental Outreach staff spoke to committee members about our program and what services we could provide to them and their groups. Took various handouts on pollution prevention and invited individuals to upcoming cleanup event. Audience was all adults.	Great opportunity to reach a multicultural group. There were 12 individuals in attendance.
Sunnyvale 2009 State of the City Heritage Park Museum September 26, 2009	The event featured activities and exhibits providing community information for residents. The Outreach booth featured water pollution prevention information. Literature distributed included IPM information, less-toxic options for pest control, and proper disposal information on pesticides, pharmaceuticals and mercury. Audience consisted of youth and adults.	Good opportunity for outreach to community. Approximately 100 individuals stopped by the booth to ask questions and/or receive information.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
COMMUNITY OUTREACH (cont)		
Mercury Thermometer Exchange / MedDrop Sunnyvale Senior Center October 14, 2009	First year to host joint thermometer exchange and pharmaceutical drop off event. Along with the exchange/drops off, staff provided information on other proper disposal options. Audience was all adults.	During this event, 119 mercury- containing thermometers were collected for proper disposal and a 55 gallon drum was filled with medications for proper disposal.
Muslim Green Fair Muslim Community Association October 18, 2009	This event consisted of a variety of "green" exhibits and exhibitors. Sunnyvale supported Program efforts by helping to staff the exhibit at this event. The goal of the outreach was to inform the public through interaction and providing literature and "fly swatter" give-aways to promote IPM practices. Also, at this event individuals played the bean bag game. The player decides how to properly dispose of an item (pollution) printed on the bean bag by "disposing" of it into the correct receptacle. The activity helps individuals learn about proper disposal of hazardous products. Audience consisted of youth and adults.	Approximately 40 children/parents stopped by the booth for literature, information and/or to play the bean bag game during the time that Sunnyvale staff manned the booth. See Regional section for complete details.
Sunnyvale Neighborhood Association Quarterly Meeting Sunnyvale Senior Center November 11, 2009	Environmental Outreach staff spoke to association leaders about our program and what services we could provide to them and their groups. Took various handouts on pollution prevention (Mercury, IPM, Pharmaceutical disposal, etc..). Audience was all adult.	Great opportunity to share with leaders in the community on arising issues and how we can assist their neighborhoods. There were 19 individuals in attendance.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
COMMUNITY OUTREACH (cont)		
<p>Santa Clara County Creeks & Watershed Conference Quinlan Community Center November 14, 2009</p>	<p>This event was held by the Santa Clara County Creeks & Watershed Council and consisted of various booths and exhibits on related to county creeks, watershed issues and/or concerns and local government. We used the exhibit that showed that focused on various pollution prevention messages (auto fluid, litter, storm drain pollution prevention & IPM) and handed out information on pollution prevention. Audience was all adults.</p>	<p>This event offered a venue for Outreach to focus on how indoor/outdoor daily activities impact the health of our watershed. During this event, we spoke to approximately 28 individuals.</p>
<p>Senior Church Group Milpitas, CA January 27, 2010</p>	<p>Since group was unable to physically walk for a tour, Environmental Outreach staff went in and did a virtual tour of the WPCP and had a discussion on various pollution prevention topics. Took various pollution prevention handouts (IPM, mercury disposal, HHW, etc ...) to share as well. Audience was all adults.</p>	<p>Great opportunity to discuss items of concern to those in attendance and to have an open discussion. There were 20 members present for the tour and the discussion.</p>

Event Details	Description (messages, audience)	Evaluation of Effectiveness
COMMUNITY OUTREACH (cont)		
<p>Leadership Sunnyvale Sunnyvale SMaRT Station / WPCP April 15, 2010</p>	<p>Leadership Sunnyvale is a community education program that provides it members with training on the fundamentals of leadership and classes in community awareness. The intention is to broaden participant awareness of complex community issues, strengthen leadership skills, and increase effectiveness in the community. During this annual event Public Works hosts an Environmental Awareness Day. Environmental staff topics included: wastewater treatment overview, a tour of the WPCP, and discussion on public outreach and education efforts regarding water pollution and its prevention.</p>	<p>This event presents a key opportunity to provide awareness to potential community leaders about watershed issues. For this reporting year, 22 individuals participated in the event.</p>
<p>Virtual Tour / Pollution Prevention Sunnyvale Senior Center April 21, 2010</p>	<p>First time to present this topic at the Senior Center. Environmental Outreach staff went in and did a virtual tour of the WPCP and had a discussion on various pollution prevention topics. Took various pollution prevention handouts (IPM, mercury and pharmaceutical disposal, etc ...) to share as well.</p>	<p>Great opportunity to discuss items of concern to those attending and to have an open discussion. There were 8 people in attendance. Turn out could have been low due to inclement weather.</p>
<p>Spring Landscaping Event Sunnyvale Home Depot April 23, 2010</p>	<p>First time event. This event consisted of various booths related to landscaping and gardening. Environmental staff took an IPM display board and various IPM and water conservation materials. Audience was all adults.</p>	<p>While attendance was low, the event did allow staff to have good one-on-one communications to directly addresses residents questions. During the event, 28 people stopped by our booth for material and/or discussion.</p>

Event Details	Description (messages, audience)	Evaluation of Effectiveness
COMMUNITY OUTREACH (cont)		
Mercury Thermometer Exchange / MedDrop Sunnyvale's Earth Day event April 24, 2010	Sunnyvale staff hosted a thermometer exchange and medicine disposal at the Earth Day event. Along with the exchange/drops off, staff provided information on other proper disposal options, as well . Audience at event consisted of youth and adults, however we spoke only to adults at our table.	During this event, 31 mercury- containing thermometers and 73.75 pounds of medicine were collected for proper disposal. Staff also spoke to an additional 18 people in regards to pollution prevention actions.
Sunnyvale Health & Safety Fair Columbia Neighborhood Center May 22, 2010	Although the main emphasis is on fun, the city teams up once a year with local organizations to inform and educate area residents about health, safety, and community services. The event provides opportunities for residents to educate and inform themselves about issues affecting their daily lives. The outreach exhibit highlighted the difference between sanitary sewers and storm drains. Literature about water pollution prevention was distributed and the bean bag game was available to play. This event was attended by all ages.	This was a well-attended and busy event. Approximately 239 individuals (adults, students and children) visited the exhibit for information, literature and/or to play the bean bag game.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
COMMUNITY OUTREACH (cont)		
Festival in the Park Hellyer County Park June 26, 2010	The event provides opportunities for residents to educate and inform themselves about issues affecting their daily lives. Sunnyvale supported Program efforts by helping to staff the exhibit at this event. The goal of the outreach was to inform the public through interaction and providing literature and "fly swatter" give-aways to promote IPM practices. Also, at this event individuals played the bean bag game. The player decides how to properly dispose of an item (pollution) printed on the bean bag by "disposing" of it into the correct receptacle. The activity helps individuals learn about proper disposal of hazardous products. Audience consisted of youth and adults.	Approximately 60 children/parents stopped by the booth for literature, information and/or to play the bean bag game during the time that Sunnyvale staff manned the booth. See Regional section for complete details.
Compost Workshops Sunnyvale Community Center Workshops are held once per month, 10 times during the year	Registrants learn that at-home composting turns organic material into valuable product for gardens and landscaping. Applying compost to gardens and landscaping reduces the need to apply fertilizer resulting in healthier plants, thus reducing the need for pesticide applications.	Attendance was sporadic, depending on the season. Generally, anywhere between 12 and 40 individuals attended each new workshop session.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
COMMUNITY OUTREACH (cont)		
Sunnyvale Farmers Market In FY 09/10 attended 9 times	The Sunnyvale Farmers Market is held every Saturday all year round. The 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 and pollution prevention during the Fall and Winter. Literature and fact sheets on less-toxic pest control are distributed. Other water pollution prevention literature is available, including the HHW mercury brochure and surplus utility bill inserts that target water pollution concerns.	The market draws 2-3000 people each Saturday and provides an effective way to interface with shoppers in a venue that promotes healthy food and pesticide free gardening. For this reporting year, we spoke to approximately 284 individuals.
Plant Tours	Plant Tours are conducted year round. 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.	The Plant conducted 19 adult tours (including college students) in FY 09-10, reaching 425 individuals. This was an increase of over 350%. Discussions about water pollution and issues impacting the watershed and the environment help tour attendees gain a better understanding of the problem. At the completion of the tour, attendees are given educational materials that promote environmentally responsible behaviors. See below under employee outreach and Section C.7.h for additional outreach information. By the end of the tour, all participants know the difference between sanitary sewers and storm sewers.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
BUSINESS OUTREACH		
Health and Safety Fair QuickLogic Corporation, Sunnyvale August 5, 2009	Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on the difference between sanitary sewer and storm drains. We also provided general water pollution prevention literature about mercury, pesticides/IPM, car wash, automotive fluids, etc.	Event participants were enthusiastic. We had approximately 47 employees stop by the booth for information.
Sunnyvale Sunrise Rotary Club Sunken Gardens August 19, 2009	Outreach staff was invited to speak at the Rotary Club's morning meeting. Discussion was on our pilot storm drain retrofit, upcoming events and the program as a whole. In addition to the presentation, we provided various pollution prevention literature.	Event was attended by 10 individuals who were very interested in the information and programs available.
Health and Safety Fair Alpha & Omega Semiconductor, Sunnyvale August 20, 2009	Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on the difference between sanitary sewer and storm drains. We also provided general water pollution prevention literature about mercury, pesticides/IPM, car wash, automotive fluids, etc...	This is a new venue Outreach was invited to attend. We had approximately 46 employees stop by the booth for information.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
BUSINESS OUTREACH (cont)		
Appreciation Fair Country Inn and Suites, Sunnyvale September 16, 2009	Exhibitor booths offered free information to vendors, business accounts and guests that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on the difference between sanitary sewer and storm drains. We also provided general water pollution prevention literature about mercury, pesticides/IPM, car wash, automotive fluids, etc...	This is a new venue Outreach was invited to attend. We had approximately 28 individuals stop by the booth for information.
Environmental Fair Lockheed Corporation, Sunnyvale September 23, 2009	Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on various P2 messages since it was P2 week. We also provided general water pollution prevention literature about mercury, pesticides/IPM, car wash, automotive fluids, etc...	This was a well-attended and busy event. We had approximately 258 employees stop by the booth for information.
Health / Go Green Fair Applied Micro Circuits, Sunnyvale November 6, 2009	Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on various pollution prevention messages. We also provided general water pollution prevention literature about mercury, pesticides/IPM, car wash, automotive fluids, etc ... as well as water conservation.	This is a new venue Outreach was invited to attend. We had approximately 52 individuals stop by the booth for information.
Our Water Our World Training Sunnyvale Home Depot January 13, 2010	Supported Our Water Our World staff at a training. Training was held to inform/train individuals on IPM methods and the Our Water Our World program which has been adopted by Home Depot.	Training was attended by 10 management staff. Prior to event, 0 employees were aware of IPM.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
BUSINESS OUTREACH (cont)		
Health and Safety Fair Aruba Networks, Sunnyvale April 9, 2010	Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on various pollution prevention messages. We also provided general water pollution prevention literature about mercury, pesticides/IPM, car wash, automotive fluids, etc ... as well as water conservation.	This was a smaller event, with 31 individuals stopping by the booth for information.
Earth Day Event NetApp, Sunnyvale April 15, 2010	Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on various pollution prevention messages. We also provided general water pollution prevention literature about mercury, pesticides/IPM, car wash, automotive fluids, etc ... as well as water conservation.	This was a well-attended event with 70 individuals stopping by the booth for information.
GreenNG Fair Northrop Grumman, Sunnyvale May 20, 2010	Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on various pollution prevention messages. We also provided general water pollution prevention literature about mercury, pesticides/IPM, car wash, automotive fluids, etc ... as well as water conservation.	This was a well-attended and busy event, with 213 employees spoken to and/or receiving information.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
EMPLOYEE OUTREACH		
Sunnyvale Environmental Procurement Policy Training Water Pollution Control Plant	A 15 minute Power Point presentation was given to staff. Topics covered include purchasing recycled material, the City's IPM policy, and identification/proper disposal of mercury-containing products.	Approximately 42 employees were in attendance.
Plant Tours	Plant Tours are conducted year round. 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.	The Plant conducted 2 employee tours in FY 09-10, reaching 26 employees. Discussions about water pollution and issues impacting the watershed and the environment help tour attendees gain a better understanding of the problem. At the completion of the tour, attendees are given educational materials that promote environmentally responsible behaviors. See above under community outreach and Section C.7.h for additional outreach information. By the end of the tour, all participants knew the difference between sanitary sewers and storm sewers.
REGIONAL OUTREACH		
<i>The following is information received from program on events that we participated in.</i>		
Muslim Green Fair Muslim Community Association October 18, 2009	Type of Event: Community fair Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.	General Feed Back: This is a good event for reaching members of the Muslim community. The bean bag game was used at this event. Estimated Overall Event Attendance: 1,000 Number of Brochures Distributed: 14 Number of Giveaways Distributed: 221
Festival in the Park Hellyer County Park June 26, 2010	Type of Event: Community Health Fair Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.	General Feed Back: Good event for reaching the Hispanic community. The bean bag game drew a lot of families with children to the booth. Estimated Overall Event Attendance: 5,000 Number of Brochures Distributed: 418 Number of Giveaways Distributed: 365

For additional Regional efforts, see program's section of report.

Section 7
Provision C.7 – Public Information and Outreach

Appendix 7-4: C.7.g – Citizen Involvement Events Table

C.7.g ► Citizen Involvement Events

Event Details	Description	Evaluation of Effectiveness
<p>California Coastal Cleanup Day Sunnyvale site focused on Sunnyvale West Channel and a portion of Guadalupe Slough. September 19, 2009</p>	<p>Clean up along waterways.</p>	<p>Sunnyvale had 47 volunteers and collected approximately 675 pounds of trash and 100 pounds of recyclables (bottles / glass) during the event. Most common debris items: -over 300 plastic bottles (too numerous to count) -over 240 toys, including balls of all kinds- golf to soccer -over 320 pieces of Styrofoam packing materials or containers -over 260 shotgun shells/wadding</p> <p>A good, muddy time was had by all.</p>
<p>Great American Litter Pickup Sunnyvale had four sites: Columbia Neighborhood Center, Lakewood Park, Fair Oaks Park and Orchard Garden Park April 17, 2010</p>	<p>Collected litter from neighborhoods around location sites.</p>	<p>During the three hour event, 32 volunteers collected 725 pounds of trash and 125 of recyclables cans and bottles within a one-mile radius of each location site.</p>
<p>National River Clean Up Sunnyvale site focused on Sunnyvale East Channel and a portion of Calabazas/San Tomas Aquino Creek. May 16, 2010</p>	<p>Clean up along waterways.</p>	<p>Another successful event. Sunnyvale had 30 volunteers and collected approximately 440 pounds of trash (most common items were plastic bottles, styrofoam (pieces, packing material, and food/beverage containers, plastic bags, and cigarette butts) and 50 pounds of recyclables (glass, aluminum, and plastic) during the event. Approximately 1.6 miles of the Channel and creek were cleaned.</p>
<p>For additional Regional efforts, see program's section of report.</p>		

Section 7
Provision C.7 – Public Information and Outreach

Appendix 7-5: C.7.h – School-Age Children Outreach Table

C.7.h ► School-Age Children Outreach

Program Details	Focus & Short Description	Number of Students/Teachers Reached	Evaluation of Effectiveness
<p>Sunnyvale Library Program Grades 1-3 August 6, 2010</p>	<p>A joint venture between Solid Waste and WPCP staff. The presentation was titled Pollution Solutions and focused on water pollution prevention and recycling.</p>	<p>Approximately 10 children and 5 adults attended</p>	<p>Well received by library staff and those in attendance. Was asked to come back and do an event around Earth Day.</p>
<p>Muslim Green Fair</p>	<p>See Appendix 7-3 for details</p>		
<p>Actions to Protect the Environment (APE) Meeting High School Students January 13, 2010</p>	<p>Spoke to Fremont High School's APE club in regards to stormwater pollution prevention and litter. Passed along brochures and took a loaner litter pick-up kit for them to start doing clean up activities around their school.</p>	<p>31 students 1 teacher</p>	<p>Teacher and president of club thought it was well received. Students asked several questions about safety and what more could be done.</p>
<p>Community Kidz Camp - Winter Break Session Ages 7-12, broken into two sessions of ages 7-9 and 10-12 February 16, 2010</p>	<p>Sponsored by the City twice a year during Winter and Spring school breaks. 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. Presentations focused on the difference between sanitary sewers and storm drains, leading to information about water pollution prevention. This was primarily done through discussion, student participation in an "Environmental Jeopardy" game, and a demonstration using the Enviroscape. In cooperation with Solid Waste staff who presented recycling information, Earth Care Kidz cards were given to participants.</p>	<p>27 campers 4 camp instructors / volunteers</p>	<p>Good great. Fished early so took group out on a litter hunt. In a 5 minute walk, they located over 100 pieces of trash in the park. Later in the week, staff went out with the youth and collected litter. Was asked if we could become a permanent part of the camp.</p>

Program Details	Focus & Short Description	Number of Students/Teachers Reached	Evaluation of Effectiveness
Sunnyvale Library Program Open to all youth April 22, 2010	A joint venture between Solid Waste and WPCP staff. This presentation was held during Earth Week, was titled Pollution Solutions and focused on water pollution prevention and recycling. Our portion of the presentation focused on the difference between sanitary sewers and storm drains, leading to information about water pollution prevention. This was primarily done through discussion and a presentation featuring the Enviroscope	12 youth 6 adults	Well received by library staff and those in attendance. Was asked to come back and do an event at a later date.

Program Details	Focus & Short Description	Number of Students/Teachers Reached	Evaluation of Effectiveness
<p>Judge AP Environmental Science Class Projects High School Students May 25, 2010</p>	<p>Homestead High's Advanced Placement Environmental Science classes work on a community outreach project titled, "Your World." This is a major project in which classes produce a comprehensive campaign that promotes a certain environmental cause. Students were responsible for setting up such events as community outreach or a press conference, a rally, and a fundraiser to make a positive environmental change in their community. One class pursued a campaign to promote awareness of storm drain pollution. The other class chose to work towards the eradication of plastic grocery bags.</p> <p>The project is structured as a competition between the two classes. The classes will participate in a culminating activity in which they present their projects. Outreach staff was asked to sit on a panel of 7 judges from the "real world" of environmental science to evaluate the projects. The idea is that students will gain feedback from professionals that will allow them to connect to the larger applications of the knowledge they have gained.</p>	<p>Approximately 40 students (2 classes) 1 teacher</p>	<p>A great opportunity for the students to gain feedback from professionals that will allow them to connect to the larger applications of the knowledge they have gained. Also, opened doors for a wide array of conversations related to the two presentations. Sunnyvale staff is working with some of the youth to be able to use some of the materials they created in future outreach pieces.</p>
<p>Festival in the Park</p>	<p>See Appendix 7-3 for details</p>		

Program Details	Focus & Short Description	Number of Students/Teachers Reached	Evaluation of Effectiveness
Plant Tours School Groups and Boy/Girl Scouts Grades 3-9	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 and wastewater pollution issues are discussed.	The Plant conducted a total of 18 tours for school-age students / scouts during FY 09 10, reaching 440 youth and 87 adult chaperones. This was an increase of 17% for the number of youth that toured the facility from last fiscal year.	Discussions about water pollution and issues impacting the watershed and the environment help tour attendees gain a better understanding of the problem. 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 any questions.
Creek Education Program	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. This program is produced in partnership with the Cupertino School District.	This reporting year, Sunnyvale provided funding to cover the transportation cost of (4) buses, reaching 348 students, 14 teachers, and 65 parent helpers.	Sunnyvale will continue to support this program in the next fiscal year.

Program Details	Focus & Short Description	Number of Students/Teachers Reached	Evaluation of Effectiveness
Classroom Presentations Various Sunnyvale Schools Grades K-5	In this water pollution education program, staff provides a presentation as well as a demonstration on water pollution and prevention. This is done primarily done through discussion that involves student participation and a demonstration using the Enviroscope . Lesson plans vary depending on age of students. Topics include: the forms of water, the water cycle, what a watershed is, how water pollution happens, how to prevent water pollution, aquifers (includes building one in the classroom) and how to conserve water.	Outreach conducted 39 classroom presentations during FY 09-10 reaching approximately 893 students and 56 teachers / teacher aides. There was a slight increase (1%) in the amount of youth reached this school year. See class breakdown below.	Feedback from teachers indicated the information greatly improved student understanding of storm drains and water pollution caused by human activities, and teachers felt the program reinforced and supplemented their own curriculum. See appendix 7-6 for evaluation summary table.

For additional Regional efforts, see program's section of report.

Breakdown of Classroom Presentations

Classroom Presentations		Number of Students
Number of Kindergarten Classes	28	607
Number of First Grade Classes	1	22
Number of Second Grade Classes	1	20
Number of 4/5 Grade Classes	9	244
Number of Sunnyvale Schools	12	893

Section 7
Provision C.7 – Public Information and Outreach

Appendix 7-6: C.7.h – School-Age Children Outreach Evaluation Summary Table

C.7.h ► School-Age Children Outreach Evaluation Summary Table

Evaluations were handed out to the teachers for all classroom presentations. The following is a summary of the evaluations returned. Number of classroom presentations - 39. Number of evaluations returned - 27.

Question	1 Strongly Disagree	2 Disagree	3 Agree	4 Strongly Agree	Other
1. The visuals were appropriate for the attending grade level.			2	25	
2. The visual aids were effective.			2	25	
3. The messages were communicated clearly.			2	25	
4. The content fit well with the student's current curriculum.			6	21	
5. The pace of the program was appropriate.			2	25	
6. The length of the program was appropriate.			2	25	
7. The presenter held the students' attention.			1	26	
8. The ratio of new and review material was well balanced.			3	22	received a ? and a N/A
9. The students enjoyed the presentation.			1	24	received a 5 and 4 ++
10. I would consider the program again next year.			1	26	

COMMENTS: A sampling of what was received. Evaluations are available for review.

What elements of the program were successful?

The kids could easily see how the waste moves towards the bay with the model.

All. However, the model city demo helped to solidify the info while putting it into perspective for students.

Visual aids were relevant and captivating. Lesson was relatable to their lives.

It was fabulous - material meshed nicely with science standards - they got extended info compared to what curricula cover, but it is real info. It is there watershed + a current issue - so it was very authentic learning.

What would you change or add to improve the program?

Nothing ... it is an excellent program.

Some of the concepts seemed difficult for the students to understand. Not sure how to change that though. Overall great presentation!

Perhaps a bit less time on the carpet at the beginning (K class - gets wiggly)

Outstanding!! Great program.

Section 9
Provision C.9 Pesticides Toxicity Control

Appendix 9-1: C.9.a – City of Sunnyvale Integrated Pest Management Policy

 Integrated Pest Management Policy for City-Owned Facilities	Administrative Policy Manual Chapter 6 – Facilities & Equipment Article 12
	Attachments: <i>none</i>
Effective Date: June 1, 2010	Responsible Department: Department of Public Works
Prior Version & Notes: Prior Version: November 2002	

Section 1. Purpose

This 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.

Subd. 1. Background

The City’s National Pollutant Discharge Elimination System (NPDES) permit from the California Regional Water Quality Control Board (NPDES Permit No. CAS 612008 Order R2-2009-0074) requires that the City develop and implement a pesticide toxicity control policy to address urban stream impairment by pesticides. In particular, organophosphorus-containing pesticides (e.g., Diazinon, chlorpyrifos, and Malathion); pyrethroid pesticides (e.g., bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin); carbamates (e.g., carbaryl); and fipronil have been found to persist in the environment and cause water quality or aquatic life impairment of some South San Francisco Bay area urban creeks and streams. Also, the City is required to limit discharges of copper into South San Francisco Bay by its NPDES permit. Using less toxic chemical and non-chemical controls instead of using organophosphates, pyrethroids, carbamates, fipronil, and copper-based pesticides to control pest problems will help reduce the impacts to urban streams and South San Francisco Bay.

Clopyralid is the very persistent active ingredient in a number of herbicides that can be used for weed control. Very small amounts of Clopyralid contained in green waste that is collected for composting will continue to be active and cause

the finished compost product to adversely affect plants to which it is applied. However, Clopyralid is also a valuable herbicide for managing the noxious thistle family of weeds that may infest native grass areas and restoration projects. Restrictions on the collection of green waste for composting from Clopyralid-treated areas are included in this policy to prevent the contamination of compost products produced at the SMaRT Station or other City facilities.

Section 2. Policy

Subd. 1. Definitions

The following definitions are used in this Article:

Biological control – The use of biological technologies to manage unwanted pests. Examples of this type of control include, but would not be limited to the use of pheromone traps or beneficial insect release for control of certain types of weeds or invasive insects in landscapes.

Cultural control - The use of IPM control methods such as mulching, grazing, re-vegetation and seeding or landscaping with competitive or tolerant species to manage unwanted weeds, rodents or plant diseases.

DPR - Department of Pesticide Regulations for the State of California's Environmental Protection Agency. DPR, in partnership with Federal Environmental Protection Agency (EPA) and County Department of Agriculture, oversees all issues regarding the registration, licensing and enforcement of laws and regulations pertaining to pesticides.

Environmental Stewardship - The strategic approach to pest management in which the IPM practitioners focus on preserving the natural integrity and health of the environment, including public safety, while recommending or applying pest management methods. Environmental Stewardship philosophy helps to create awareness of the Best Management Practices (BMPs) and their relationship to maintaining a healthy environment while conducting pest management activities.

Integrated Pest Management (IPM) – IPM is a strategic ecosystem-based approach that focuses on the long-term prevention of pests and their damage from reaching unacceptable levels, by selecting and applying the most appropriate combination of available techniques. These include assessment and monitoring, cultural, mechanical, biological and chemical controls and the use of resistant varieties. Pesticides are used only after monitoring indicates that they are needed, according to established thresholds. Pesticide treatments are made with the goal of removing only the target organism and are implemented for a given site and pest situation in ways that minimize risks to human health, beneficial and non-target organisms and the environment.

PCA – PCA or Pest Control Advisor is one licensed by the California Department of Pesticide Regulations according to Title 3, Article 5 of the California Code of Regulations. Only a licensed PCA who is registered with the County Agricultural Commissioner, may provide written pest control recommendations for agricultural and non-agricultural pest management, including parks, cemeteries, golf courses, and rights-of-way.

Pesticides – Defined in Section 12753 of the California Food and Agricultural Code as any spray adjuvant, or any substance, or mixture of substances intended to be used for defoliating plants, regulating plant growth, or for preventing, destroying, repelling, or mitigating any pest, as defined in Section 12754.5 (of the Food and Agricultural Code), which may infest or be detrimental to vegetation, man, animals, or households, or be present in any agricultural or nonagricultural environment whatsoever. The term pesticide applies to herbicides, insecticides, fungicides, rodenticides and other substances used to control pests. Antimicrobial agents are not included in this definition of pesticides

Physical/Mechanical controls – The use of IPM control methods utilizing hand labor or equipment such as mowers, graders, weed-eaters, and chainsaws. Crack and crevice sealants and closing small entryways (i.e., around pipes and conduits) into buildings for insect and rodent management are also mechanical controls.

QAC - Qualified Applicators Certificate is a certified applicator of pesticides according to Title 3, Article 3 of the California Code of Regulations. Applications may include residential, industrial, institutional, landscape, rights-of-way sites.

QAL - Qualified Applicators License is a licensed applicator according to Title 3, Article 3 of the California Code of Regulations. This license allows supervision of applications that may include residential, industrial, institutional, landscape, or rights-of-way sites.

Structural Pest Control Operator (Branch I, II or III) – These are licensed applicators for pest control within buildings and homes according to the requirements of the Structural Pest Control Board of the California Department Pesticide Regulations.

Subd. 2. Integrated Pest Management (IPM) Policy

The City of Sunnyvale, including all departments and staff herein, and contractors providing pest control services on City property shall follow the City's IPM policy for the control or management of pests in and around City buildings and facilities, parks and golf courses, urban landscape areas, rights-of-way, and other City properties.

A. Pest Control Advisor (PCA)

Licensed PCAs will consider the options or alternatives listed below in the following order, before recommending the use of or applying any pesticide on City property:

- (1)** No controls (e.g., tolerating the monitored level of pest infestation, use of resistant plant varieties or allowing normal life cycle of weeds)
- (2)** Physical or mechanical controls (e.g., hand labor, mowing, etc.)

- (3) Cultural controls (e.g., mulching, disking, alternative vegetation, use of goats)
- (4) Biological controls (e.g., natural enemies or predators)
- (5) Reduced-risk chemical controls (e.g., soaps or oils)

B. Pesticide Applicator (QAL, QAC, or Structural Pest Control Operator)

- (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.

C. All City Staff and Departments

- (1) City departments and staff will promote non-toxic and reduced-risk alternatives for structural and landscape pest control, seeking to use the most up to date IPM technologies and best management practices.
- (2) The City will provide education for all City staff regarding IPM practices. The Public Works Department/Environmental Division will also provide information to residents and businesses within the City regarding the IPM Policy and how it is being implemented. The City, through Public Works Department/ Environmental Division activities, will establish a role model approach to encourage the use of IPM techniques for structural and landscaping pest management practices with residents and businesses.

D. Pest Management Contractors Employed by the City

- (1) New contracts that are negotiated with pest management contractors doing work on City-owned property after June 30, 2010 will include requirements that the contractors follow the practices of the City's IPM Policy as described in the Sunnyvale Administrative Policy Manual and the Best Management Practices (BMPs) and Standard Operating Procedures (SOPs) of the Sunnyvale Urban Runoff Management Plan, Pest Management Control Program chapter.
- (2) Copies of these BMPs and SOPs in the Pest Management Control Program chapter of the Urban Runoff Management Plan are available from the Environmental Division Manager.
- (3) City staff overseeing pest control contracts for City property or structures will annually provide documentation to the Environmental Division Manager that confirms contractor

compliance with the City's IPM policy. Documentation will include the list of contractors used, a brief description of pest control techniques used, and a copy of the specific contract language included in their contract that addresses the City's IPM Policy. This information is required for the City's NPDES Stormwater Permit Annual Report.

E. City Property Leaseholders

- (1) The City shall use reasonable efforts to require the use of IPM practices as a part of new and renewed leases negotiated for City property after June 30, 2010.
- (2) City property leaseholders will be informed of the City's IPM Policy by Public Works Department staff and encouraged to use, whenever practical, the IPM Best Management Practices and Standard Operating Procedures described in the Sunnyvale Urban Runoff Management Plan.

Subd. 3. Pesticide Application

A. Who May Apply Pesticides

- (1) Only City employees or pest control contractors employed by the City who are authorized to recommend and/or trained to apply pesticides (i.e., hold PCA, QAL, QAC, or Structural Branch Operator I, II, or III certifications or licenses) may apply any pesticides to City property. City staff who are not QACs, but have received mandatory state training and are under the direct supervision of a QAC, may also apply pesticides.
- (2) City employees who are not authorized and trained in pesticide application are prohibited from using any pesticides, including over-the-counter brands, in or around the work place. If insects or other pests are infesting an indoor work area, contact Facilities Services (x7761) to arrange for a pest management contractor to apply the appropriate control methods. If an outdoor area is infested then contact the Parks Division (x7506).
- (3) PCAs will write a recommendation for the use of each pesticide product before it is applied on City-owned property.

B. Pesticides of Concern

- (1) City employees and/or contractors employed by the City who are trained to recommend or apply pesticides will not use Category I and II pesticides, organophosphorus pesticides (e.g., Diazinon, chlorpyrifos, Malathion); pyrethroid pesticides (e.g., bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, tralomethrin); carbamates (e.g., carbaryl); fipronil; or copper-based pesticides unless:
 - (a) Their use can be justified,

- (b) Other approaches and techniques have been considered and determined to be ineffective; and
 - (c) Adverse water-quality impacts are eliminated through use of appropriate application techniques.
- 2) Pesticides that contain Clopyralid are of concern because they are persistent and must not enter the green waste recycling or composting process. Therefore, City employees or pest control contractors employed by the City will not apply Clopyralid-containing pesticides to City property unless:
- (a) Their use can be justified,
 - (b) Other approaches and techniques have been considered and determined to be ineffective, and;
 - (c) Green waste (grass clippings, etc.) from areas where Clopyralid-containing pesticides are to be applied will not be collected for composting, but will be left on site to promote a healthy thatch layer.

C. Water Quality Management

- (1) When recommending pesticides for use or applying pesticides, the element of Environmental Stewardship must always be taken into consideration. City employees or pest control contractors employed by the City will select and apply IPM methods that will have the least impact on water quality and the environment.
- (2) City employees or pest control contractors employed by the City will always avoid applications of pesticides that directly contact water, unless the pesticide is registered under Federal and California law for aquatic use. Pesticides that are not approved for aquatic use will not be applied to areas immediately adjacent to water bodies where through drift, drainage, or erosion, there is a possibility of a pesticide being transported into surface water.
- (3) Discharges of pollutants from the use of aquatic pesticides to the waters of the United States require coverage under a NPDES permit. Those city employees or pest control contractors employed by the City who apply pesticides directly to waters of the United States will obtain a NPDES permit from the California State Water Quality Resources Control Board Region 2, prior to making any pesticide applications.

Subd. 4. Employee and Pest Control Contractor Training for PCA, QAL, QAC or Structural Pest Control Operators (Branch I, II, and III)

- A. All Pest Control Advisors and Applicators employed by the City or its pest control contractors will be licensed by the State of California Department of Pesticide Regulations (DPR) as a Pest Control Advisor or licensed Qualified Applicator.
- B. All other employees involved with pesticide applications as a normal part of their job duties and pest control contractors hired by the City will be trained as required by State of California DPR rules, the County

Agricultural Commissioner, and/or the Structural Pest Control Board. They will work under the direct supervision of a licensed applicator.

C. All City Departments that use pesticides on City property will provide annual training to all employees who apply pesticides as a normal part of their job duties on:

- Pesticide Safety, as contained in the California Department of Pesticide Regulation, Pesticide Safety Information (PSI) series for Non-agricultural use.
- The City's IPM Policy,
- Appropriate BMPs and SOPs from the Sunnyvale Urban Runoff Management Plan, Pest Management Control Program chapter. and
- New techniques for implementing IPM, as appropriate.

Subd. 5. Education and Outreach on the Sunnyvale IPM Policy and Implementation Plan

A. The Public Works Department/Environmental Division, in participation with the Santa Clara Valley Urban Runoff Pollution Prevention Program, will continue with its existing program to encourage people who live, work, and/or attend school in Sunnyvale to:

- (1) Obtain information on IPM techniques to control pests and minimize pesticide use;
- (2) Use IPM approaches for dealing with pest problems;
- (3) Properly dispose of unused pesticides and their containers in cooperation with County Household Hazardous Waste collection programs; and
- (4) Provide information about the EcoWise Certified IPM certification in Structural Pest Management or functionally equivalent programs.

B. The Public Works Department/Environmental Division will implement a public outreach program on the topics described above to include:

- (1) City employees who are not authorized to apply pesticides as a part of their normal job duties.
- (2) Business owners and their employees.
- (3) Residents of Sunnyvale, including schools and youth.

Subd. 6. Reporting

A. To provide details on pesticide use on City-owned property for reporting requirements required in the City's Municipal Regional NPDES Stormwater Discharge Permit, each City department and any pest control contractors employed by the City will submit copies of their State of California Monthly Summary Pesticide Use Report (Form PR-ENF-060) or equivalent information showing types, quantities, and locations of pesticides applied to city property and structures to the Environmental

Division Manager of the Public Works Department. This information will be provided on a monthly basis and will be compiled by the Public Works Department/ Environmental Division staff to meet annual permit reporting requirements.

- (1)** Any contractors hired by the City who may hire sub-contractors to perform pest control work, will be responsible for reporting pesticide use information listed in (A) above, to the City for pest control work performed by their sub-contractors.
- B.** Each City department that applies pesticides will conduct an annual inventory by December of each calendar year to identify pesticides that are no longer legal or appropriate for applications per Federal, State, County, or City requirements. Those products no longer deemed acceptable for use will be properly disposed of by the department or division that purchased them, in accordance with applicable State and Federal laws.
- C.** Each City department that applies pesticides will conduct an annual review and evaluation process of the effectiveness of the City's IPM Policy, BMPs and SOPs. They will provide a written evaluation to the Environmental Division Manager of the Public Works Department in July of each year that discusses:

 - (1)** New IPM techniques that could be used to improve results
 - (2)** Staff training needs with a focus on the safe use, disposal, and storage of pesticides
 - (3)** Suggested modifications to the City's IPM Policy, BMPs, and SOPs to ensure that the Policy and implementation plan continue to be effective.
- D.** Environmental Division staff will compile IPM program implementation information and report data from other City Departments/Divisions as required in the City's NPDES Stormwater Permit Annual Report.

Section 9
Provision C.9 Pesticides Toxicity Control

Appendix 9-2: C.9.b - Implement IPM Policy or Ordinance

Implementation of the Integrated Pest Management (IPM) Best Management Practices in Sunnyvale

The City of Sunnyvale has had an IPM policy in place since 2002, which focused on reducing the use of organophosphorous (OP) pesticides. With the new requirements of the MRP adopted in October 2009, the City has been in the process of amending its current policy to address the new pesticides of concern that can affect water quality and aquatic life. The City's revised IPM policy became effective in June 2010. A copy of the revised policy is included in Appendix 9-1.

The City has been tracking and reporting the top five quantities of pesticides used in previous annual reports submitted to the Water Board (FY 03-04 through FY 09-09). We have reviewed our data tables from the past few years, in light of the change in focus on the specific pesticides of concern listed in Provision 9 of the MRP. We are providing this data in the table below to show that although the use of OP pesticides has not occurred in the past five years, the City or its contractors have used some pesticides containing pyrethroids, carbaryl, and fipronil.

Table 1. Pesticides of Concern Usage in Sunnyvale 2006-2010

2006

Product Name	Active Ingredient	Quantity of Active Ingredient Applied (annually)	Who Applied (City/Contractor)	Precautions Taken
Tempo	Cyfluthrin	991.6 oz (liquid)	Contractor	Unknown, but generally sprayed in doorways or enclosed areas for spiders (e.g., black widows)
Talstar	Bifenthrin	134.4 oz (solid)	Contractor	unknown
Max Force Pro Ant & Roach Baits	Fipronil	0.09 oz (solid)	Contractor	Bait station
Tengard	Permethrin	262.6 oz (liquid)	Contractor	unknown
Termidor	Fipronil	8.8 oz (liquid)	Contractor	unknown
Drion Dust	Pyrethrin	0.002 oz (solid)	Contractor	Crevice dusting

	Piperonyl Butoxide	0.018 oz (solid)		applications
Spectracide	Piperonyl Butoxide Tetramethrin Permethrin	0.8 oz (liquid) 0.2 oz (liquid) 0.4 oz (liquid)	City/Golf	Spray for identified wasp/hornet nest

2007

Product Name	Active Ingredient	Quantity of Active Ingredient Applied (annually)	Who Applied (City/Contractor)	Precautions Taken
Tempo	Cyfluthrin	695.6oz (liquid)	Contractor	Unknown, but generally sprayed in doorways or enclosed areas for spiders (e.g., black widows)
Talstar	None used this year			
Max Force Pro Ant & Roach Baits	Fipronil	0.17 oz (solid)	Contractor	Bait station
Tengard	Permethrin	353.3 oz (liquid)	Contractor	unknown
Termidor	Fipronil	23.5 oz (liquid)	Contractor	unknown
Drion Dust	Pyrethrin Piperonyl Butoxide	0.4 oz (solid) 2.7 oz (solid)	Contractor	Crevice dusting applications
Spectracide	Piperonyl Butoxide Tetramethrin Permethrin	0.4 oz (liquid) 0.1 oz (liquid) 0.2 oz (liquid)	City/Golf Div.	Spray for identified wasp/hornet nest

2008

Product Name	Active Ingredient	Quantity of Active Ingredient Applied (annually)	Who Applied (City/Contractor)	Precautions Taken
Tempo	Cyfluthrin	572.5oz (liquid)	Contractor	Unknown, but generally

				sprayed in doorways or enclosed areas for spiders (e.g., black widows)
Talstar	None used this year			
PT 565	Pyrethrins & Piperonyl Butoxide	0.06 oz (solid) 0.12 oz (solid)	Contractor	Crack and crevice spray
Max Force Pro Ant & Roach Baits	Fipronil	0.14 oz (solid)	Contractor	Bait station
Tengard	Permethrin	847.87 oz (liquid)	Contractor	unknown
Termidor	Fipronil	0.8 oz (liquid)	Contractor	unknown
Drion Dust	Pyrethrin Piperonyl Butoxide	0.2 oz (solid) 0.44 oz (solid)	Contractor	Crevice dusting applications
Cutrine Plus	Copper (elemental)	88 oz (solid)	City/Golf Div.	Runoff not leaving property
Spectracide	Lambda-cyhalothrin Prallethrin	.007 oz (liquid) .015 oz (liquid)	City/Golf Div.	Spray for identified wasp/hornet nest
Bugetta	Carbaryl	.096 oz (liquid)		Runoff not leaving property
Turcam	Bendiocarb (carbamate)	12 oz (solid)	City/Golf Div.	Runoff not leaving property

2009

Product Name	Active Ingredient	Quantity of Active Ingredient Applied (annually)	Who Applied (City/Contractor)	Precautions Taken
Tempo	Cyfluthrin	584.3oz (liquid)	Contractor	Unknown, but generally sprayed in doorways or enclosed areas for spiders (e.g., black

				widows)
Talstar	None used this year			
PT 565	Pyrethrins & Piperonyl Butoxide	0.005 oz (solid) 0.01 oz (solid)	Contractor	Crack and crevice spray
Max Force Pro Ant & Roach Baits	Fipronil	0.14 oz (solid)	Contractor	Bait station
Tengard	None Applied in 2009			
Termidor	None Applied in 2009			
Drione Dust	None Applied in 2009			
Spectracide	Lambda-cyhalothrin Prallethrin	.005 oz (liquid) .014 oz (liquid)	City/Golf Div.	Spray for identified wasp/hornet nest

1/1-2010 – 6/1/2010

Product Name	Active Ingredient	Quantity of Active Ingredient Applied (1/1/2010 – 6/1/2010)	Who Applied (City/Contractor)	Precautions Taken
Tempo	Cyfluthrin	313.6 oz (liquid)	Contractor	Unknown, but generally sprayed in doorways or enclosed areas for spiders (e.g., black widows)
Talstar	None used to date			
PT 565	None used to date			
Max Force Pro Ant & Roach Baits	Fipronil	0.00012 oz (solid)	Contractor	Bait station
Tengard	None used to date			
Termidor	None used to date			
Drione Dust	None used to date			
Delta Dust	Deltamethrin	0.0075 oz (solid)	Contractor	Crack and crevice dust

Since the adoption of our revised IPM policy, the City is working with the pest control contractor performing most of the structural pest control applications that use products containing pyrethroids and fipronil to either identify other pest control products that could be used which do not contain the pesticides of concern, or if none are available, to put into place measures that will reduce or eliminate potential stormwater contact and thus runoff that might contain the pesticides of concern.

Talstar, Tengard, Termidor and Drione Dust, products all containing pyrethroids for structural pest control, were not used in FY 08-09 and in FY 09-10. We are working with the city's structural pest control contractor to identify other options that do not contain the pesticides of concern listed in the City's IPM policy. If a problem is significant, and can only be controlled using one of the pesticides of concern, measures will be included to reduce or eliminate the potential for water quality impacts.

Currently, Tempo, a product containing Cyfluthrin is used around building entrances and within buildings to control spiders (in particular, black widow spiders). The amount of the pesticide applied will vary from year-to-year, depending on weather conditions and pest life-cycles. We are working with the City's contractor to identify a different material to assist with their control and in the mean time they are making sure application practices and procedures are used that will limit potential impacts to stormwater quality.

Golf Division staff will sometimes use Spectracide to control identified wasp/hornet nests that are threats to public safety. Though this material contains pyrethroids, its use is limited, the quantity of active ingredient applied is small, and is done as a spot treatment. A similar situation occurs for carbamates use by Golf staff. Applications are limited to specific areas, the quantity of active ingredient is small, and measures are in place to ensure any runoff does not leave the property.

Other products such as Maxforce Pro and Delta Dust that contain Fipronil or pyrethroids are baits or crack/crevice dusts, which have a very limited potential for coming into contact with stormwater, as they are used inside structures in spot locations.

Since 2006, the City's contractor has been using alternatives to products containing pyrethroids (e.g., Bifenthrin – Talstar) for outdoor ant control measures. The products currently in use do not contain pyrethroids. Instead, they use a combination of eugenol and thyme oil, or cornmint oil.

With the recent revisions to the City's IPM policy, the use of products that have the potential to impact water quality will continue to be reduced.

Section 9
Provision C.9 Pesticides Toxicity Control

Appendix 9-3: C.9.d - Require Contractors to Implement IPM



ORDERED FROM 14842 - 001 Bay-Valley Pest Control Inc 120 Kennedy Ave Campbell, CA 95008 (408) 370-1603	ORDER DATE 5/7/2010	BILL TO: City of Sunnyvale Finance Department Accounts Payable PO Box 3707 Sunnyvale, CA 94088-3707
	EFFECTIVE DATE 7/1/2010	
	EXPIRATION DATE 6/30/2011	
	CONTRACT AMOUNT \$24,000.00	
REQUISITIONING DEPARTMENT (7003) OCM/General Services/Facilities Services	FOB	FREIGHT CHARGES
	PAYMENT TERMS N/30	BID NO

ITEM	DESCRIPTION	UNIT	UNIT COST
1	Blanket order to provide regular pest control services for rodent and insect control for a one-year period. 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.)	DLR	\$1.0000
2	Community Center Complex (Includes Recreation Building, Sports Center Complex, Cultural Arts Building, Theatre and Senior Center @ \$59.00/mo each.)	DLR	\$1.0000
3	Columbia/AMD Sports Center	DLR	\$1.0000
4	Corporation Yard (Includes Central Stores Warehouse @ \$32.00/mo., Administration Building @ \$56.00/mo. and Modular Building @ no additional charge.	DLR	\$1.0000
5	Fire Stations (Includes Fire Stations #1 through #6 @ \$42.00/mo. each.)	DLR	\$1.0000
6	Water Pollution Control Plant	DLR	\$1.0000
7	Baylands Park Maintenance Building	DLR	\$1.0000
8	Miscellaneous Services, Upon Request	HR	\$120.0000

PA

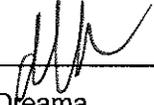


ITEM	DESCRIPTION	UNIT	UNIT COST
9	<p>Miscellaneous pest control work, as required</p> <p>Requisition Number: RQ006316</p> <p>This purchase order replaces BL001737</p> <p>1. The contractor shall follow the policies for Integrated Pest Management outlined in the City's Administrative Policy Manual, Chapter 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	OCM/General Services/Facilities Services	\$5,000.00
7004	DCS/Parks Division	\$5,000.00

DOCUMENT TERMS

This purchase order is subject to the City of Sunnyvale Standard Terms and Conditions for the Purchase of Services, dated 1/15/2000, a copy of which is attached and incorporated by reference (Form #TCBPO-S).

BUYER: 

Howard, Dreama

PHONE (408) 730-7396 **FAX** (408) 730-7710

Section 10
Provision C.10 – Trash Load Reductions

Appendix 10-1: C.10.b.iii – Trash Hot Spot Assessment Photos



Trash Hot Spot Cleanup Data Collection Form

Cleanup Date: 05-18-2010

I. Site Information

Site ID# snv01 Site Location: Guadalupe Slough (site 3)
 Lat: 37.43186 Long: -122.02135 Watershed: Baylands Waterbody: Guadalupe Slough
 Ownership: SCVWD Jurisdiction(s): SCVWD, Sunnyvale, & San Jose

II. Trash Information

1. Describe trash type. Rank five most prevalent trash types (1-5, 1 being the most prevalent). List of potential trash types on back. OPTIONAL: Provide qualitative estimate of total trash types by volume.

- | | | |
|---|---|---|
| <input type="checkbox"/> Plastic bags (___%) | <input type="checkbox"/> Cigarette butts (___%) | <input type="checkbox"/> Miscellaneous items* (___%) |
| <input type="checkbox"/> Convenience/Fast Food items* (<u>1-2</u> %) | <input type="checkbox"/> Spray paint cans (<u>1-2</u> %) | <input type="checkbox"/> Fabric and cloth* (___%) |
| <u>1</u> Bottles (plastic or glass) (<u>25</u> %) | <input type="checkbox"/> Metal products* (___%) | <input type="checkbox"/> Yard waste (incl. trees) (___%) |
| <input type="checkbox"/> Aluminum cans (<u>1-2</u> %) | <input type="checkbox"/> Biohazards* (___%) | <input type="checkbox"/> Leaf litter piles (___%) |
| <u>2</u> Styrofoam (pieces or pellets) (<u>25</u> %) | <u>4</u> Construction debris* (<u>20</u> %) | <input type="checkbox"/> Glass pieces (___%) |
| <input type="checkbox"/> Other plastic products* (<u>1-2</u> %) | <input type="checkbox"/> Toxic substances* (___%) | <u>3*</u> Golf or tennis balls (<u>10</u> %) |
| <input type="checkbox"/> Paper and cardboard* (___%) | <input type="checkbox"/> Large items* (___%) | <u>5</u> Other* <u>shotgun shells</u> |

*no golf balls, but other sports balls found

Other* fire extinguisher, propane cylinder, tire (~5%)

2. Potential trash pathways/sources (Check all that apply):

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Trash accumulation | <input type="checkbox"/> Homeless encampments | <input type="checkbox"/> Other _____ |
| <input checked="" type="checkbox"/> Litter | <input type="checkbox"/> Outfall _____ | <input type="checkbox"/> Unknown _____ |
| <input type="checkbox"/> Illegal dumping | <input type="checkbox"/> Multiple _____ | |

3. Identify adjacent land uses to trash area: Residential (Single-family) Residential (High-density) Commercial
 Industrial Public/Institutional Mixed-use Other Developed

III. Trash Removal

Volume of Trash Removed During Cleanup (Un-compacted)	(Optional)
Size of trash bag (in gallons): <u>13 gallon</u>	OR Wet Weight (lbs.): <u>240 lbs</u>
Total # of bags: <u>9.5 bags + ~5 cubic ft of lumber</u>	(unbagged) *~20 lbs/bag average -est. 50 lbs lumber

IV. Photo Documentation

Before Cleanup		(For shorelines only)		After Cleanup		(For shorelines only)	
Photo#	Segment ID (A-F)	Photo#	Segment ID (G-L)	Photo#	Segment ID (A-F)	Photo#	Segment ID (G-L)
051810_snv01_a_1		051810_snv01_g_1		051810_snv01_a_2		051810_snv01_g_2	
051810_snv01_b_1		051810 missing h_1		051810_snv01_b_2		051810_snv01_h_2	
051810_snv01_c_1		051810_snv01_i_1		051810_snv01_c_2		051810_snv01_i_2	
051810_snv01_d_1		051810_snv01_j_1		051810_snv01_d_2		051810_snv01_j_2	
051810_snv01_e_1		051810_snv01_k_1		051810_snv01_e_2		051810_snv01_k_2	
051810_snv01_f_1		051810_snv01_l_1		051810_snv01_f_2		051810_snv01_l_2	

Notes: Missing section h "before" photo, did get one "after" photo
 Shot gun shells from duck hunting in area.

Optional Photographs After Cleanup
 Photo #
051810_snv01_total trash removed

Data Points	Definitions
I. Site Information	
Site ID#	The unique identification number assigned to the site. The site ID# will be used to track trash hot spot activities within databases or other tabular formats.
Site Location	The exact physical location of the upstream and/or downstream ends of the trash hot spot in relation to roads and/or physical landmarks (e.g., bridge crossings, outfalls) on the creek (e.g., Coyote Creek, outfall located 100 feet downstream of Julian Street Bridge). Alternatively, for larger hot spots, provide a length of creek between two different roads/bridge crossings or other physical landmarks (e.g., Guadalupe River between W. Hedding Street and Coleman Avenue).
Latitude	The geographic coordinate north or south of the equator. Latitude should be taken at the downstream end of the trash hot spot (preferably in decimal degrees to at least four decimal places) with a GPS receiver. Record the datum setting of the unit preferably in NAD83/ WGS84.
Longitude	The geographic coordinate east or west of the prime meridian (0 degrees longitude). Longitude should be taken at the downstream end of the trash hot spot (preferably in decimal degrees to at least four decimal places) with a GPS receiver. Record the datum setting of the unit preferably in NAD83/ WGS84.
Watershed	The watershed where the trash hot spot is located. See www.scvurppp.org for list.
Waterbody	The waterbody (i.e., creek, river or other waterway) where the trash hot spot is located.
Ownership	The owner of the land where the trash hot spot is located. Possible answers are public, private, SCVWD or unknown.
Jurisdiction(s)	The jurisdiction(s) responsible for trash hot spot assessment and cleanup. Multiple jurisdictions may exist for certain water bodies (e.g., San Francisquito Creek).
II. Trash Information	
1. Potential Trash Types	
Convenience/Fast Food Items	Waste packaging, (i.e., plastic or paper) from convenience foods (e.g., potato chips, snack foods, candy bars, gum, etc.) and other wastes (e.g., bags, napkins, etc.) generated from fast food establishments or carry out restaurants.
Other Plastic Products	Plastic Bottle Caps, Plastic Cup Lid/Straw, Plastic Pipe Segments, Plastic Six-Pack Rings, Plastic Wrappers, Soft Plastic Pieces, Hard Plastic Pieces, Fishing Line, Tarp
Paper and Cardboard	Cups, Boxes, Newspapers, Magazines, Mail, Flyers and all other products made of paper or cardboard.
Metal Products	Aluminum Foil, Aluminum or Steel Cans, Bottle Caps, Metal Pipe Segments, Auto Parts, Wire (barb, chicken wire etc.), Metal Objects
Biohazards	Human Waste/Diapers, Pet Waste, Syringes or Pipettes, Dead Animals
Construction Debris	Concrete (not placed), Rebar, Bricks, Wood Debris
Toxic Substances	Chemical Containers, Oil/Surfactant on Water, Lighters, Small Batteries, Vehicle Batteries
Large Items	Appliances, Furniture, Garbage Bags of Trash, Tires, Shopping Carts
Miscellaneous Items	Synthetic Rubber, Foam Rubber, Balloons, Ceramic Pots/Sharps, Hose Pieces
Fabric and Cloth	Synthetic Fabric, Natural Fabric (cotton, wool)
Other	All other materials or products not on the above list.
2. Potential Trash Pathways/Sources	
Trash Accumulation	Litter/trash observed to be accumulating in creeks below the high water line. Litter/trash is may be worn and aged in appearance; consist of light-weight, persistent and buoyant trash items (e.g., plastic bags, plastic bottles); and observed caught in surrounding vegetation, tree branches and rocks.
Litter	Improperly disposed/discarded wastes or other items observed in creek channels and/or creek banks. Commonly referred to as "trash". Litter/trash appears relatively "new" in appearance. Litter/trash is usually located in areas accessible to the public.
Illegal Dumping	Illegal dumping or discarding of larger quantities/sizes of litter/trash directly into a waterway or in close proximity to a creek. Garbage bags of trash or other unwanted items, appliances, furniture, tires, shopping carts and other large items are usually observed at illegal dump sites.
Homeless Encampments	Areas where homeless individuals live or congregate.
Outfall	The point where the storm drain system discharges (i.e., usually from a pipe) into a receiving water or channel.
Multiple	The contribution of more than one trash pathway/source listed above. List all potential pathways/sources.
Other	All other potential sources not described above.
Unknown	Trash source can not be determined or are known.
3. Adjacent Land Uses to Trash Areas	
Adjacent Land Uses to Trash Areas	Residential (Single-family), Residential (High-density), Commercial, Industrial, Public/Institutional, Mixed-use, Other Developed
III. Trash Removal	
Volume of Trash Removed During Cleanup (Un-Compacted)	
Size of Trash Bag (in gallons)	Size of trash bag (in gallons) used to remove trash during cleanup.
Total Bags	Total number of bags of trash removed during cleanup.
Cubic Yards	Estimated cubic yards of trash removed during cleanup.
Wet Weight (lbs)	Wet weight (in pounds) of trash removed during cleanup.
IV. Photo Documentation	
Photo #	The number assigned to a photograph taken to depict trash condition before or after trash cleanup. At creek hot spots, a total of 12 photographs (6 before cleanup and 6 after cleanup) are required. At shoreline hot spots, a total of 24 photographs (12 before cleanup and 12 after cleanup) are required.
Segment ID	The segment ID (i.e., A-L) where the photograph was taken to depict trash condition before or after trash cleanup. Segment IDs A-F correspond to both creek and shoreline hot spots, while segment IDs G-L only correspond to shoreline hot spots.
Optional Photographs After Cleanup	The number assigned to optional photographs taken to illustrate the volume of trash collected during the cleanup.
Notes	Comments or other notes regarding photo documentation.

SNV 01—Guadalupe Slough (Site 3) Photos taken every 50 ft.

Before Clean up

After Clean up



051810_snv01_a_1



051810_snv01_a_2



051810_snv01_b_1



051810_snv01_b_2



051810_snv01_c_1



051810_snv01_c_2

SNV 01—Guadalupe Slough (Site 3) Photos taken every 50 ft.

Before Clean up

After Clean up



051810_snv01_d_1



051810_snv01_d_2



051810_snv01_e_1



051810_snv01_e_2



051810_snv01_f_1



051810_snv01_f_2

SNV 01—Guadalupe Slough (Site 3) Photos taken every 50 ft.

Before Clean up



051810_snv01_g_1

After Clean up



051810_snv01_g_2

Missing "before" photo for Area H



051810_snv01_h_2



051810_snv01_i_1



051810_snv01_i_2

SNV 01—Guadalupe Slough (Site 3) Photos taken every 50 ft.

Before Clean up



051810_snv01_j_1

After Clean up



051810_snv01_j_2



051810_snv01_k_1



051810_snv01_k_2



051810_snv01_L_1



051810_snv01_L_2

SNV 01—Guadalupe Slough (Site 3)



SNV01, facing east. Photo of entire reach before clean up of hot spot.



SNV01, Total bags, construction debris and tire removed from hot spot area (Orange safety cones not included.)



Trash Hot Spot Cleanup Data Collection Form

Cleanup Date: 5-13-2010

I. Site Information																													
Site ID# <u>SNV02</u> Site Location: <u>Sunnyvale East Channel, Caribbean Drive Crossing</u>																													
Lat: <u>37.414422</u> Long: <u>-122.00382</u> Watershed: <u>Sunnyvale East</u> Waterbody: <u>Sunnyvale East</u>																													
Ownership: <u>SCVWD</u> Jurisdiction(s): <u>City of Sunnyvale and SCVWD</u>																													
II. Trash Information																													
1. Describe trash type. REQUIRED: Rank five most prevalent trash types (1-5, 1 being the most prevalent). List of trash types on back. OPTIONAL: Provide qualitative estimate of total trash types by volume.																													
<u>4</u> Plastic bags (~10 %)	<u>5</u> Cigarette butts (~1-2%)																												
<u>3</u> Convenience/Fast Food items* (~25 %)	<u>5</u> Spray paint cans (~5 %)																												
<u>2</u> Bottles (plastic or glass) (~25 %)	<u> </u> Metal products* (~1 %)																												
<u> </u> Aluminum cans (~1-2 %)	<u> </u> Biohazards* (____%)																												
<u>1</u> Styrofoam (pieces or pellets) (~25 %)	<u> </u> Construction debris* (~1-2%)																												
<u> </u> Other plastic products* (~1 %)	<u> </u> Toxic substances* (____%)																												
<u> </u> Paper and cardboard* (~1 %)	<u> </u> Large items* (____%)																												
2. Potential trash pathways/sources (Check all that apply):																													
<input type="checkbox"/> Trash accumulation	<input type="checkbox"/> Homeless encampments																												
<input type="checkbox"/> Litter	<input type="checkbox"/> Outfall _____																												
<input type="checkbox"/> Illegal dumping	<input checked="" type="checkbox"/> Multiple -Accumulation from upstream, outfall, & litter																												
3. Identify adjacent land uses to trash area (Check all that apply):																													
<input type="checkbox"/> Commercial	<input type="checkbox"/> Residential (Single-family)																												
<input type="checkbox"/> Urban Park	<input type="checkbox"/> Residential (Multi-family)																												
<input type="checkbox"/> Freeway	<input checked="" type="checkbox"/> Public/Institutional																												
<input type="checkbox"/> Industrial	<input type="checkbox"/> Mixed-use																												
<input type="checkbox"/> Other Developed	<input type="checkbox"/> Other _____																												
III. Trash Removal																													
Volume of Trash Removed During Cleanup (Un-compacted)	(Optional)																												
Size of trash bag (in gallons): <u>13</u>	OR Wet Weight (lbs.): <u>~60 lbs</u>																												
Total # of bags: <u>3 (39 gal)</u> Cubic Yards _____																													
IV. Photo Documentation																													
Before Cleanup	After Cleanup																												
(For shorelines only)	(For shorelines only)																												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Segment ID (A-F)</th> <th style="width: 50%;">Photo #'s</th> </tr> <tr> <td>A: <u>051210_snv02_ae_1</u></td> <td>G: <u>051210_snv02_aw_1</u></td> </tr> <tr> <td>B: <u>051210_snv02_be_1</u></td> <td>H: <u>051210_snv02_bw_1</u></td> </tr> <tr> <td>C: <u>051210_snv02_ce_1</u></td> <td>I: <u>051210_snv02_cw_1</u></td> </tr> <tr> <td>D: <u>051210_snv02_de_1</u></td> <td>J: <u>051210_snv02_dw_1</u></td> </tr> <tr> <td>E: <u>051210_snv02_ee_1</u></td> <td>K: <u>051210_snv02_ew_1</u></td> </tr> <tr> <td>F: <u>051210_snv02_fe_1</u></td> <td>L: <u>051210_snv02_fw_1</u></td> </tr> </table>	Segment ID (A-F)	Photo #'s	A: <u>051210_snv02_ae_1</u>	G: <u>051210_snv02_aw_1</u>	B: <u>051210_snv02_be_1</u>	H: <u>051210_snv02_bw_1</u>	C: <u>051210_snv02_ce_1</u>	I: <u>051210_snv02_cw_1</u>	D: <u>051210_snv02_de_1</u>	J: <u>051210_snv02_dw_1</u>	E: <u>051210_snv02_ee_1</u>	K: <u>051210_snv02_ew_1</u>	F: <u>051210_snv02_fe_1</u>	L: <u>051210_snv02_fw_1</u>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Segment ID (A-F)</th> <th style="width: 50%;">Photo #'s</th> </tr> <tr> <td>A: <u>051310_snv02_ae_2</u></td> <td>G: <u>051310_snv02_aw_2</u></td> </tr> <tr> <td>B: <u>051310_snv02_be_2</u></td> <td>H: <u>051310_snv02_bw_2</u></td> </tr> <tr> <td>C: <u>051310_snv02_ce_2</u></td> <td>I: <u>051310_snv02_cw_2</u></td> </tr> <tr> <td>D: <u>051310_snv02_de_2</u></td> <td>J: <u>051310_snv02_dw_2</u></td> </tr> <tr> <td>E: <u>051310_snv02_ee_2</u></td> <td>K: <u>051310_snv02_ew_2</u></td> </tr> <tr> <td>F: <u>051310_snv02_fe_2</u></td> <td>L: <u>051310_snv02_fw_2</u></td> </tr> </table>	Segment ID (A-F)	Photo #'s	A: <u>051310_snv02_ae_2</u>	G: <u>051310_snv02_aw_2</u>	B: <u>051310_snv02_be_2</u>	H: <u>051310_snv02_bw_2</u>	C: <u>051310_snv02_ce_2</u>	I: <u>051310_snv02_cw_2</u>	D: <u>051310_snv02_de_2</u>	J: <u>051310_snv02_dw_2</u>	E: <u>051310_snv02_ee_2</u>	K: <u>051310_snv02_ew_2</u>	F: <u>051310_snv02_fe_2</u>	L: <u>051310_snv02_fw_2</u>
Segment ID (A-F)	Photo #'s																												
A: <u>051210_snv02_ae_1</u>	G: <u>051210_snv02_aw_1</u>																												
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F: <u>051310_snv02_fe_2</u>	L: <u>051310_snv02_fw_2</u>																												
Notes: <u>Photos do not show trash, due to growth of reeds and vegetation. e and w on photos denote east & west sides of channel</u>	Optional Photographs After Cleanup Photo #'s <u>051210_snv02_total trash removed</u> <u>051310_snv02_cleaning c-d</u>																												

Data Points	Definitions
I. Site Information	
Site ID#	The unique identification number assigned to the site. The site ID# will be used to track trash hot spot activities within databases or other tabular formats.
Site Location	The exact physical location of the upstream and/or downstream ends of the trash hot spot in relation to roads and/or physical landmarks (e.g., bridge crossings, outfalls) on the creek (e.g., Coyote Creek, outfall located 100 feet downstream of Julian Street Bridge). Alternatively, for larger hot spots, provide a length of creek between two different roads/bridge crossings or other physical landmarks (e.g., Guadalupe River between W. Hedding Street and Coleman Avenue).
Latitude	The geographic coordinate north or south of the equator. Latitude should be taken at the downstream end of the trash hot spot (preferably in decimal degrees to at least four decimal places) with a GPS receiver. Record the datum setting of the unit preferably in NAD83/ WGS84.
Longitude	The geographic coordinate east or west of the prime meridian (0 degrees longitude). Longitude should be taken at the downstream end of the trash hot spot (preferably in decimal degrees to at least four decimal places) with a GPS receiver. Record the datum setting of the unit preferably in NAD83/ WGS84.
Watershed	The watershed where the trash hot spot is located. See www.scvurppp.org for list.
Waterbody	The waterbody (i.e., creek, river or other waterway) where the trash hot spot is located.
Ownership	The owner of the land where the trash hot spot is located. Possible answers are public, private, SCVWD or unknown.
Jurisdiction(s)	The jurisdiction(s) responsible for trash hot spot assessment and cleanup. Multiple jurisdictions may exist for certain water bodies (e.g., San Francisquito Creek).
II. Trash Information	
1. Trash Types	
Convenience/Fast Food Items	Waste packaging, (i.e., plastic or paper) from convenience foods (e.g., potato chips, snack foods, candy bars, gum, etc.) and other wastes (e.g., bags, napkins, etc.) generated from fast food establishments or carry out restaurants.
Other Plastic Products	Plastic Bottle Caps, Plastic Cup Lid/Straw, Plastic Pipe Segments, Plastic Six-Pack Rings, Plastic Wrappers, Soft Plastic Pieces, Hard Plastic Pieces, Fishing Line, Tarp
Paper and Cardboard	Cups, Boxes, Newspapers, Magazines, Mail, Flyers and all other products made of paper or cardboard.
Metal Products	Aluminum Foil, Aluminum or Steel Cans, Bottle Caps, Metal Pipe Segments, Auto Parts, Wire (barb, chicken wire etc.), Metal Objects
Biohazards	Human Waste/Diapers, Pet Waste, Syringes or Pipettes, Dead Animals
Construction Debris	Concrete (not placed), Rebar, Bricks, Wood Debris
Toxic Substances	Chemical Containers, Oil/Surfactant on Water, Lighters, Small Batteries, Vehicle Batteries
Large Items	Appliances, Furniture, Garbage Bags of Trash, Tires, Shopping Carts
Miscellaneous Items	Synthetic Rubber, Foam Rubber, Balloons, Ceramic Pots/Sharps, Hose Pieces
Fabric and Cloth	Synthetic Fabric, Natural Fabric (cotton, wool)
Other	All other materials or products not on the above list.
2. Potential Trash Pathways/Sources	
Trash Accumulation	Litter/trash observed to be accumulating in creeks below the high water line. Litter/trash is may be worn and aged in appearance; consist of light-weight, persistent and buoyant trash items (e.g., plastic bags, plastic bottles); and observed caught in surrounding vegetation, tree branches and rocks.
Litter	Improperly disposed/discarded wastes or other items observed in creek channels and/or creek banks. Commonly referred to as "trash". Litter/trash appears relatively "new" in appearance. Litter/trash is usually located in areas accessible to the public.
Illegal Dumping	Illegal dumping or discarding of larger quantities/sizes of litter/trash directly into a waterway or in close proximity to a creek. Garbage bags of trash or other unwanted items, appliances, furniture, tires, shopping carts and other large items are usually observed at illegal dump sites.
Homeless Encampments	Areas where homeless individuals live or congregate.
Outfall	The point where the storm drain system discharges (i.e., usually from a pipe) into a receiving water or channel.
Other	All other potential sources not described above.
Unknown	Trash source can not be determined or are known.
3. Adjacent Land Uses to Trash Areas	
Adjacent Land Uses to Trash Areas	Residential (Single-family), Residential (Multi-Family), Commercial, Urban Park, Freeway, Industrial, Public/Institutional, Mixed-use, Other Developed
III. Trash Removal	
Volume of Trash Removed During Cleanup (Un-Compacted)	
Size of Trash Bag (in gallons)	Size of trash bag (in gallons) used to remove trash during cleanup.
Total Bags	Total number of bags of trash removed during cleanup.
Cubic Yards	Estimated cubic yards of trash removed during cleanup.
Wet Weight (lbs)	Wet weight (in pounds) of trash removed during cleanup.
IV. Photo Documentation	
Segment ID	The segment ID (i.e., A-L) where the photograph was taken to depict trash condition before or after trash cleanup. Segment IDs A-F correspond to both creek and shoreline hot spots, while segment IDs G-L only correspond to shoreline hot spots.
Photo #	The number assigned to a photograph taken to depict trash condition before or after trash cleanup. Within each segment, a minimum of one photograph must be taken before the cleanup and one photograph after the cleanup - for a total of 6 before and 6 after photographs for 300 ft creek hot spots and 12 before and 12 after photographs for shoreline hot spots. Additional photographs may be taken within each hot spot.
Optional Photographs After Cleanup	The number assigned to optional photographs taken to illustrate the volume of trash collected during the cleanup.
Notes	Comments or other notes regarding photo documentation.

SNV 02—Sunnyvale East Channel, Caribbean Drive Crossing Photos taken every 50 ft.

Before Clean up



051210_snv02_ae_1 (east)

After Clean up



051210_snv02_ae_2 (east)



051210_snv02_be_1(east)



051210_snv02_be_2(east)



051210_snv02_ce_1(east)



051210_snv02_ce_2(east)

SNV 02—Sunnyvale East Channel, Caribbean Drive Crossing Photos taken every 50 ft.

Before Clean up



051210_snv02_de_1 (east)

After Clean up



051210_snv02_de_2 (east)



051210_snv02_ee_1 (east)



051210_snv02_ee_2 (east)



051210_snv02_fe_1 (east)



051210_snv02_fe_2 (east)

SNV 02—Sunnyvale East Channel, Caribbean Drive Crossing Photos taken every 50 ft.

Before Clean up

After Clean up



051210_snv02_aw_1 (west)



051210_snv02_aw_2 (west)



051210_snv02_bw_1 (west)



051210_snv02_bw_2 (west)



051210_snv02_cw_1 (west)



051210_snv02_cw_2 (west)

SNV 02—Sunnyvale East Channel, Caribbean Drive Crossing Photos taken every 50 ft.

Before Clean up

After Clean up



051210_snv02_dw_1 (west)



051210_snv02_dw_2 (west)



051210_snv02_ew_1 (west)



051210_snv02_ew_2 (west)



051210_snv02_fw_1 (west)



051210_snv02_fw_2 (west)

SNV 02—Sunnyvale East Channel, Caribbean Drive Crossing



SNV02_051210 Areas C-F east and west sides before clean up



SNV02_051310 Total quantity of trash removed.



Santa Clara Valley
Urban Runoff
Pollution Prevention Program

Trash Hot Spot Cleanup Data Collection Form

Cleanup Date: 05/18/2010

I. Site Information

Site ID# snv03 Site Location: Guadalupe Slough site 1
 Lat: 37.43528 Long: -122.02699 Watershed: Baylands Waterbody: Guadalupe Slough
 Ownership: SCVWD Jurisdiction(s): SCVWD, Sunnyvale, San Jose

II. Trash Information

1. Describe trash type. Rank five most prevalent trash types (1-5, 1 being the most prevalent). List of potential trash types on back. OPTIONAL: Provide qualitative estimate of total trash types by volume.

- | | | |
|---|--|---|
| <input type="checkbox"/> Plastic bags (____%) | <input type="checkbox"/> Cigarette butts (____%) | <input type="checkbox"/> Miscellaneous items* (____%) |
| <input type="checkbox"/> Convenience/Fast Food items* (____%) | <input type="checkbox"/> Spray paint cans (<u>~1</u> %) | <input type="checkbox"/> Fabric and cloth* (____%) |
| <u>4</u> <input type="checkbox"/> Bottles (plastic or glass) (<u>~20</u> %) | <input type="checkbox"/> Metal products* (____%) | <input type="checkbox"/> Yard waste (incl. trees) (____%) |
| <input type="checkbox"/> Aluminum cans (<u>~1-2</u> %) | <input type="checkbox"/> Biohazards* (____%) | <input type="checkbox"/> Leaf litter piles (____%) |
| <u>1</u> <input type="checkbox"/> Styrofoam (pieces or pellets) (<u>~25</u> %) | <u>2</u> <input type="checkbox"/> Construction debris* (<u>~25</u> %) | <input type="checkbox"/> Glass pieces (____%) |
| <input type="checkbox"/> Other plastic products* (____%) | <input type="checkbox"/> Toxic substances* (____%) | <u>3</u> <input type="checkbox"/> Golf or tennis balls (<u>~20</u> %) |
| <input type="checkbox"/> Paper and cardboard* (____%) | <input type="checkbox"/> Large items* (____%) | <u>5</u> <input type="checkbox"/> Other* <u>shotgun shells</u> <u>~5%</u> |
| | | <input type="checkbox"/> Other* <u>fire extinguisher</u> <u>~1-2%</u> |

2. Potential trash pathways/sources (Check all that apply):

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Trash accumulation | <input type="checkbox"/> Homeless encampments | <input type="checkbox"/> Other _____ |
| <input checked="" type="checkbox"/> Litter | <input type="checkbox"/> Outfall _____ | <input type="checkbox"/> Unknown _____ |
| <input type="checkbox"/> Illegal dumping | <input type="checkbox"/> Multiple _____ | |

3. Identify adjacent land uses to trash area: Residential (Single-family) Residential (High-density) Commercial
 Industrial Public/Institutional Mixed-use Other Developed

III. Trash Removal

Volume of Trash Removed During Cleanup (Un-compacted) **(Optional)**
 Size of trash bag (in gallons): 13 **OR** Wet Weight (lbs.): *~220 lbs
 Total # of bags: 7 + 8 cu. Yards of lumber (not bagged) *Estimated 20 lb/bag and 80lbs for lumber

IV. Photo Documentation

Before Cleanup		(For shorelines only)		After Cleanup		(For shorelines only)	
Photo#	Segment ID (A-F)	Photo#	Segment ID (G-L)	Photo#	Segment ID (A-F)	Photo#	Segment ID (G-L)
051210_snv03_a_1		051210_snv03_g_1		051810_snv03_a_2		051810_snv03_g_2	
051210_snv03_b_1		051210_snv03_h_1		051810_snv03_b_2		051810_snv03_h_2	
051210_snv03_c_1		051210_snv03_i_1		051810_snv03_c_2		051810_snv03_i_2	
051210_snv03_d_1		051210_snv03_j_1		051810_snv03_d_2		051810_snv03_j_2	
051210_snv03_e_1		051210_snv03_k_1		051810_snv03_e_2		051210_snv03_k_2	
051210_snv03_f_1		051210_snv03_L_1		051810_snv03_f_2		051210_snv03_L_2	

Notes: One tire was left buried in area H- unable to remove without damaging shoreline vegetation.
Shotgun shells from duck hunting activities.

Optional Photographs After Cleanup
 Photo # 051810_snv03_all debris collected

Data Points	Definitions
I. Site Information	
Site ID#	The unique identification number assigned to the site. The site ID# will be used to track trash hot spot activities within databases or other tabular formats.
Site Location	The exact physical location of the upstream and/or downstream ends of the trash hot spot in relation to roads and/or physical landmarks (e.g., bridge crossings, outfalls) on the creek (e.g., Coyote Creek, outfall located 100 feet downstream of Julian Street Bridge). Alternatively, for larger hot spots, provide a length of creek between two different roads/bridge crossings or other physical landmarks (e.g., Guadalupe River between W. Hedding Street and Coleman Avenue).
Latitude	The geographic coordinate north or south of the equator. Latitude should be taken at the downstream end of the trash hot spot (preferably in decimal degrees to at least four decimal places) with a GPS receiver. Record the datum setting of the unit preferably in NAD83/ WGS84.
Longitude	The geographic coordinate east or west of the prime meridian (0 degrees longitude). Longitude should be taken at the downstream end of the trash hot spot (preferably in decimal degrees to at least four decimal places) with a GPS receiver. Record the datum setting of the unit preferably in NAD83/ WGS84.
Watershed	The watershed where the trash hot spot is located. See www.scvurppp.org for list.
Waterbody	The waterbody (i.e., creek, river or other waterway) where the trash hot spot is located.
Ownership	The owner of the land where the trash hot spot is located. Possible answers are public, private, SCVWD or unknown.
Jurisdiction(s)	The jurisdiction(s) responsible for trash hot spot assessment and cleanup. Multiple jurisdictions may exist for certain water bodies (e.g., San Francisquito Creek).
II. Trash Information	
1. Potential Trash Types	
Convenience/Fast Food Items	Waste packaging, (i.e., plastic or paper) from convenience foods (e.g., potato chips, snack foods, candy bars, gum, etc.) and other wastes (e.g., bags, napkins, etc.) generated from fast food establishments or carry out restaurants.
Other Plastic Products	Plastic Bottle Caps, Plastic Cup Lid/Straw, Plastic Pipe Segments, Plastic Six-Pack Rings, Plastic Wrappers, Soft Plastic Pieces, Hard Plastic Pieces, Fishing Line, Tarp
Paper and Cardboard	Cups, Boxes, Newspapers, Magazines, Mail, Flyers and all other products made of paper or cardboard.
Metal Products	Aluminum Foil, Aluminum or Steel Cans, Bottle Caps, Metal Pipe Segments, Auto Parts, Wire (barb, chicken wire etc.), Metal Objects
Biohazards	Human Waste/Diapers, Pet Waste, Syringes or Pipettes, Dead Animals
Construction Debris	Concrete (not placed), Rebar, Bricks, Wood Debris
Toxic Substances	Chemical Containers, Oil/Surfactant on Water, Lighters, Small Batteries, Vehicle Batteries
Large Items	Appliances, Furniture, Garbage Bags of Trash, Tires, Shopping Carts
Miscellaneous Items	Synthetic Rubber, Foam Rubber, Balloons, Ceramic Pots/Sharps, Hose Pieces
Fabric and Cloth	Synthetic Fabric, Natural Fabric (cotton, wool)
Other	All other materials or products not on the above list.
2. Potential Trash Pathways/Sources	
Trash Accumulation	Litter/trash observed to be accumulating in creeks below the high water line. Litter/trash is may be worn and aged in appearance; consist of light-weight, persistent and buoyant trash items (e.g., plastic bags, plastic bottles); and observed caught in surrounding vegetation, tree branches and rocks.
Litter	Improperly disposed/discarded wastes or other items observed in creek channels and/or creek banks. Commonly referred to as "trash". Litter/trash appears relatively "new" in appearance. Litter/trash is usually located in areas accessible to the public.
Illegal Dumping	Illegal dumping or discarding of larger quantities/sizes of litter/trash directly into a waterway or in close proximity to a creek. Garbage bags of trash or other unwanted items, appliances, furniture, tires, shopping carts and other large items are usually observed at illegal dump sites.
Homeless Encampments	Areas where homeless individuals live or congregate.
Outfall	The point where the storm drain system discharges (i.e., usually from a pipe) into a receiving water or channel.
Multiple	The contribution of more than one trash pathway/source listed above. List all potential pathways/sources.
Other	All other potential sources not described above.
Unknown	Trash source can not be determined or are known.
3. Adjacent Land Uses to Trash Areas	
Adjacent Land Uses to Trash Areas	Residential (Single-family), Residential (High-density), Commercial, Industrial, Public/Institutional, Mixed-use, Other Developed
III. Trash Removal	
Volume of Trash Removed During Cleanup (Un-Compacted)	
Size of Trash Bag (in gallons)	Size of trash bag (in gallons) used to remove trash during cleanup.
Total Bags	Total number of bags of trash removed during cleanup.
Cubic Yards	Estimated cubic yards of trash removed during cleanup.
Wet Weight (lbs)	Wet weight (in pounds) of trash removed during cleanup.
IV. Photo Documentation	
Photo #	The number assigned to a photograph taken to depict trash condition before or after trash cleanup. At creek hot spots, a total of 12 photographs (6 before cleanup and 6 after cleanup) are required. At shoreline hot spots, a total of 24 photographs (12 before cleanup and 12 after cleanup) are required.
Segment ID	The segment ID (i.e., A-L) where the photograph was taken to depict trash condition before or after trash cleanup. Segment IDs A-F correspond to both creek and shoreline hot spots, while segment IDs G-L only correspond to shoreline hot spots.
Optional Photographs After Cleanup	The number assigned to optional photographs taken to illustrate the volume of trash collected during the cleanup.
Notes	Comments or other notes regarding photo documentation.

SNV 03—Guadalupe Slough (Site 1) Photos taken every 50 ft.

Before Clean up



051210_snv03_a_1

After Clean up



051810_snv03_a_2



051210_snv03_b_1



051810_snv03_b_2



051210_snv03_c_1



051810_snv03_c_2

SNV 03—Guadalupe Slough (Site 1) Photos taken every 50 ft.

Before Clean up



051210_snv03_d_1

After Clean up



051810_snv03_d_2



051210_snv03_e_1



051810_snv03_e_2



051210_snv03_f_1



051810_snv03_f_2

SNV 03—Guadalupe Slough (Site 1) Photos taken every 50 ft.

Before Clean up



051210_snv03_g_1

After Clean up



051810_snv03_g_2



051210_snv03_h_1



051810_snv03_h_2



051210_snv03_i_1



051810_snv03_i_2

SNV 03—Guadalupe Slough (Site 1) Photos taken every 50 ft.

Before Clean up



051210_snv03_j_1

After Clean up



051810_snv03_j_2



051210_snv03_k_1



051810_snv03_k_2



051210_snv03_L_1



051810_snv03_L_2

SNV 03 - Guadalupe Slough, Site 1



SNV03_051810 Entire site view A-L facing west



SNV03_051810 Total quantity of trash removed. (Orange cones and tree branch not included in debris volume.)



Santa Clara Valley
Urban Runoff
Pollution Prevention Program

Trash Hot Spot Cleanup Data Collection Form

Cleanup Date: 5/18/2010

I. Site Information																																	
Site ID# <u>SNV 04</u>	Site Location: <u>Guadalupe Slough Site 2</u>																																
Lat: <u>37.43321</u>	Long: <u>-122.02449</u>																																
Watershed: <u>Baylands</u>	Waterbody: <u>Guadalupe Slough</u>																																
Ownership: <u>SCVWD</u>	Jurisdiction(s): <u>Sunnyvale and San Jose</u>																																
II. Trash Information																																	
1. Describe trash type. REQUIRED: Rank five most prevalent trash types (1-5, 1 being the most prevalent). List of trash types on back. OPTIONAL: Provide qualitative estimate of total trash types by volume.																																	
<table style="width:100%; border: none;"> <tr> <td style="width: 33%;"><u>1-2</u> Plastic bags (<u>1-2</u> %)</td> <td style="width: 33%;"><u> </u> Cigarette butts (<u> </u> %)</td> <td style="width: 33%;"><u> </u> Miscellaneous items* (<u> </u> %)</td> </tr> <tr> <td><u> </u> Convenience/Fast Food items* (<u>~1-2</u> %)</td> <td><u> </u> Spray paint cans (<u>2</u> %)</td> <td><u> </u> Fabric and cloth* (<u> </u> %)</td> </tr> <tr> <td><u>2</u> Bottles (plastic or glass) (<u>~25</u> %)</td> <td><u> </u> Metal products* (<u>2</u> %)</td> <td><u> </u> Yard waste (incl. trees) (<u> </u> %)</td> </tr> <tr> <td><u> </u> Aluminum cans (<u>~5</u> %)</td> <td><u> </u> Biohazards* (<u>1-chemical sprayer</u> %)</td> <td><u> </u> Leaf litter piles (<u> </u> %)</td> </tr> <tr> <td><u>3</u> Styrofoam (pieces or pellets) (<u>~25</u> %)</td> <td><u>5</u> Construction debris* (<u>20</u> %)</td> <td><u> </u> Glass pieces (<u> </u> %)</td> </tr> <tr> <td><u> </u> Other plastic products* (<u> </u> %)</td> <td><u> </u> Toxic substances* (<u> </u> %)</td> <td><u>**4</u> Golf or tennis balls (<u>10</u> %)</td> </tr> <tr> <td><u> </u> Paper and cardboard* (<u> </u> %)</td> <td><u> </u> Large items* (<u> </u> %)</td> <td><u>1</u> Other* <u>~10% by vol, but numerous</u></td> </tr> </table>	<u>1-2</u> Plastic bags (<u>1-2</u> %)	<u> </u> Cigarette butts (<u> </u> %)	<u> </u> Miscellaneous items* (<u> </u> %)	<u> </u> Convenience/Fast Food items* (<u>~1-2</u> %)	<u> </u> Spray paint cans (<u>2</u> %)	<u> </u> Fabric and cloth* (<u> </u> %)	<u>2</u> Bottles (plastic or glass) (<u>~25</u> %)	<u> </u> Metal products* (<u>2</u> %)	<u> </u> Yard waste (incl. trees) (<u> </u> %)	<u> </u> Aluminum cans (<u>~5</u> %)	<u> </u> Biohazards* (<u>1-chemical sprayer</u> %)	<u> </u> Leaf litter piles (<u> </u> %)	<u>3</u> Styrofoam (pieces or pellets) (<u>~25</u> %)	<u>5</u> Construction debris* (<u>20</u> %)	<u> </u> Glass pieces (<u> </u> %)	<u> </u> Other plastic products* (<u> </u> %)	<u> </u> Toxic substances* (<u> </u> %)	<u>**4</u> Golf or tennis balls (<u>10</u> %)	<u> </u> Paper and cardboard* (<u> </u> %)	<u> </u> Large items* (<u> </u> %)	<u>1</u> Other* <u>~10% by vol, but numerous</u>	<p>* Shotgun shells were most frequently found item (over 200)</p> <p><u> </u> Other* <u>bicycle helmets</u></p>											
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2. Potential trash pathways/sources (Check all that apply): **No golf balls, but numerous other sports balls																																	
<input checked="" type="checkbox"/> Trash accumulation <input checked="" type="checkbox"/> Litter <input type="checkbox"/> Illegal dumping	<input type="checkbox"/> Homeless encampments <input type="checkbox"/> Outfall _____ <input type="checkbox"/> Other _____																																
3. Identify adjacent land uses to trash area (Check all that apply):																																	
<input type="checkbox"/> Commercial <input type="checkbox"/> Urban Park <input type="checkbox"/> Freeway <input type="checkbox"/> Industrial	<input type="checkbox"/> Residential (Single-family) <input type="checkbox"/> Residential (Multi-family) <input checked="" type="checkbox"/> Public/Institutional <input type="checkbox"/> Mixed-use <input type="checkbox"/> Other Developed																																
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Volume of Trash Removed During Cleanup (Un-compacted) Size of trash bag (in gallons): <u>13</u> Total # of bags: <u>5</u> + <u>4</u> cf Cubic Yards _____ <u>Lumber not bagged</u>	(Optional) OR Wet Weight (lbs.): <u>~140</u> *~20 lbs/bag plus 40lbs estimate for lumber																																
IV. Photo Documentation																																	
<table style="width:100%; border: none;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Before Cleanup</th> <th style="text-align: left; border-bottom: 1px solid black;">(For shorelines only)</th> </tr> <tr> <th style="font-size: small;">Segment ID Photo #'s (A-F)</th> <th style="font-size: small;">Segment ID Photo #'s (G-L)</th> </tr> </thead> <tbody> <tr><td>A: <u>051210_snv04_a_1</u></td><td>G: <u>051210_snv04_g_1</u></td></tr> <tr><td>B: <u>051210_snv04_b_1</u></td><td>H: <u>051210_snv04_h_1</u></td></tr> <tr><td>C: <u>051210_snv04_c_1</u></td><td>I: <u>051210_snv04_i_1</u></td></tr> <tr><td>D: <u>051210_snv04_d_1</u></td><td>J: <u>051210_snv04_j_1</u></td></tr> <tr><td>E: <u>051210_snv04_e_1</u></td><td>K: <u>051210_snv04_k_1</u></td></tr> <tr><td>F: <u>051210_snv04_f_1</u></td><td>L: <u>051210_snv04_L_1</u></td></tr> </tbody> </table>	Before Cleanup	(For shorelines only)	Segment ID Photo #'s (A-F)	Segment ID Photo #'s (G-L)	A: <u>051210_snv04_a_1</u>	G: <u>051210_snv04_g_1</u>	B: <u>051210_snv04_b_1</u>	H: <u>051210_snv04_h_1</u>	C: <u>051210_snv04_c_1</u>	I: <u>051210_snv04_i_1</u>	D: <u>051210_snv04_d_1</u>	J: <u>051210_snv04_j_1</u>	E: <u>051210_snv04_e_1</u>	K: <u>051210_snv04_k_1</u>	F: <u>051210_snv04_f_1</u>	L: <u>051210_snv04_L_1</u>	<table style="width:100%; border: none;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">After Cleanup</th> <th style="text-align: left; border-bottom: 1px solid black;">(For shorelines only)</th> </tr> <tr> <th style="font-size: small;">Segment ID Photo #'s (A-F)</th> <th style="font-size: small;">Segment ID Photo #'s (G-L)</th> </tr> </thead> <tbody> <tr><td>A: <u>051810_snv04_a_2</u></td><td>G: <u>051810_snv04_g_2</u></td></tr> <tr><td>B: <u>051810_snv04_b_2</u></td><td>H: <u>051810_snv04_h_2</u></td></tr> <tr><td>C: <u>051810_snv04_c_2</u></td><td>I: <u>051810_snv04_i_2</u></td></tr> <tr><td>D: <u>051810_snv04_d_2</u></td><td>J: <u>051810_snv04_j_2</u></td></tr> <tr><td>E: <u>051810_snv04_e_2</u></td><td>K: <u>051810_snv04_k_2</u></td></tr> <tr><td>F: <u>051810_snv04_f_2</u></td><td>L: <u>051810_snv04_L_2</u></td></tr> </tbody> </table>	After Cleanup	(For shorelines only)	Segment ID Photo #'s (A-F)	Segment ID Photo #'s (G-L)	A: <u>051810_snv04_a_2</u>	G: <u>051810_snv04_g_2</u>	B: <u>051810_snv04_b_2</u>	H: <u>051810_snv04_h_2</u>	C: <u>051810_snv04_c_2</u>	I: <u>051810_snv04_i_2</u>	D: <u>051810_snv04_d_2</u>	J: <u>051810_snv04_j_2</u>	E: <u>051810_snv04_e_2</u>	K: <u>051810_snv04_k_2</u>	F: <u>051810_snv04_f_2</u>	L: <u>051810_snv04_L_2</u>
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Notes: <u>Shotgun shells from duck hunting in the area are most frequently found items but they may up a small volume of the debris collected.</u>	Optional Photographs After Cleanup Photo #'s <u>051810_snv04_total debris removed</u>																																

Data Points	Definitions
I. Site Information	
Site ID#	The unique identification number assigned to the site. The site ID# will be used to track trash hot spot activities within databases or other tabular formats.
Site Location	The exact physical location of the upstream and/or downstream ends of the trash hot spot in relation to roads and/or physical landmarks (e.g., bridge crossings, outfalls) on the creek (e.g., Coyote Creek, outfall located 100 feet downstream of Julian Street Bridge). Alternatively, for larger hot spots, provide a length of creek between two different roads/bridge crossings or other physical landmarks (e.g., Guadalupe River between W. Hedding Street and Coleman Avenue).
Latitude	The geographic coordinate north or south of the equator. Latitude should be taken at the downstream end of the trash hot spot (preferably in decimal degrees to at least four decimal places) with a GPS receiver. Record the datum setting of the unit preferably in NAD83/ WGS84.
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Jurisdiction(s)	The jurisdiction(s) responsible for trash hot spot assessment and cleanup. Multiple jurisdictions may exist for certain water bodies (e.g., San Francisquito Creek).
II. Trash Information	
1. Trash Types	
Convenience/Fast Food Items	Waste packaging, (i.e., plastic or paper) from convenience foods (e.g., potato chips, snack foods, candy bars, gum, etc.) and other wastes (e.g., bags, napkins, etc.) generated from fast food establishments or carry out restaurants.
Other Plastic Products	Plastic Bottle Caps, Plastic Cup Lid/Straw, Plastic Pipe Segments, Plastic Six-Pack Rings, Plastic Wrappers, Soft Plastic Pieces, Hard Plastic Pieces, Fishing Line, Tarp
Paper and Cardboard	Cups, Boxes, Newspapers, Magazines, Mail, Flyers and all other products made of paper or cardboard.
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Biohazards	Human Waste/Diapers, Pet Waste, Syringes or Pipettes, Dead Animals
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Toxic Substances	Chemical Containers, Oil/Surfactant on Water, Lighters, Small Batteries, Vehicle Batteries
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Fabric and Cloth	Synthetic Fabric, Natural Fabric (cotton, wool)
Other	All other materials or products not on the above list.
2. Potential Trash Pathways/Sources	
Trash Accumulation	Litter/trash observed to be accumulating in creeks below the high water line. Litter/trash is may be worn and aged in appearance; consist of light-weight, persistent and buoyant trash items (e.g., plastic bags, plastic bottles); and observed caught in surrounding vegetation, tree branches and rocks.
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Outfall	The point where the storm drain system discharges (i.e., usually from a pipe) into a receiving water or channel.
Other	All other potential sources not described above.
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3. Adjacent Land Uses to Trash Areas	
Adjacent Land Uses to Trash Areas	Residential (Single-family), Residential (Multi-Family), Commercial, Urban Park, Freeway, Industrial, Public/Institutional, Mixed-use, Other Developed
III. Trash Removal	
Volume of Trash Removed During Cleanup (Un-Compacted)	
Size of Trash Bag (in gallons)	Size of trash bag (in gallons) used to remove trash during cleanup.
Total Bags	Total number of bags of trash removed during cleanup.
Cubic Yards	Estimated cubic yards of trash removed during cleanup.
Wet Weight (lbs)	Wet weight (in pounds) of trash removed during cleanup.
IV. Photo Documentation	
Segment ID	The segment ID (i.e., A-L) where the photograph was taken to depict trash condition before or after trash cleanup. Segment IDs A-F correspond to both creek and shoreline hot spots, while segment IDs G-L only correspond to shoreline hot spots.
Photo #	The number assigned to a photograph taken to depict trash condition before or after trash cleanup. Within each segment, a minimum of one photograph must be taken before the cleanup and one photograph after the cleanup - for a total of 6 before and 6 after photographs for 300 ft creek hot spots and 12 before and 12 after photographs for shoreline hot spots. Additional photographs may be taken within each hot spot.
Optional Photographs After Cleanup	The number assigned to optional photographs taken to illustrate the volume of trash collected during the cleanup.
Notes	Comments or other notes regarding photo documentation.

SNV 04—Guadalupe Slough (Site 2) Photos taken every 50 ft.

Before Clean up



051210_snv04_a_1

After Clean up



051810_snv04_a_2



051210_snv04_b_1



051810_snv04_b_2



051210_snv04_c_1



051810_snv04_c_2

SNV 04—Guadalupe Slough (Site 2) Photos taken every 50 ft.

Before Clean up



051210_snv04_d_1

After Clean up



051810_snv04_d_2



051210_snv04_e_1



051810_snv04_e_2



051210_snv04_f_1



051810_snv04_f_2

SNV 04—Guadalupe Slough (Site 2) Photos taken every 50 ft.

Before Clean up



051210_snv04_g_1

After Clean up



051810_snv04_g_2



051210_snv04_h_1



051810_snv04_h_2



051210_snv04_i_1



051810_snv04_i_2

SNV 04—Guadalupe Slough (Site 2) Photos taken every 50 ft.

Before Clean up



051210_snv04_j_1



051210_snv04_k_1



051210_snv04_L_1

After Clean up



051810_snv04_j_2



051810_snv04_k_2



051810_snv04_L_2

SNV 04—Guadalupe Slough (Site 2)



SNV04_051810 Entire site view sections A-L facing west



SNV04_051810 Total quantity of trash removed. (Orange cones not included in debris volume.)



Trash Hot Spot Cleanup Data Collection Form

Cleanup Date: 5-19-2010

I. Site Information

Site ID# SNV 05 Site Location: Calabazas Creek and San Tomas Aquino
 Lat: 37.417047 Long: -122.98705 Watershed: Baylands Waterbody: Calabazas & San Tomas Aquino creeks
 Ownership: SCVWD Jurisdiction(s): Sunnyvale

II. Trash Information

1. Describe trash type. **REQUIRED: Rank five most prevalent trash types (1-5, 1 being the most prevalent). List of trash types on back.** **OPTIONAL: Provide qualitative estimate of total trash types by volume.**

<u>1-2</u> Plastic bags (<u>1-2</u> %)	<u> </u> Cigarette butts (<u> </u> %)	<u> </u> Miscellaneous items* (<u> </u> %)
<u> </u> Convenience/Fast Food items* (<u>1-2</u> %)	<u>5</u> Spray paint cans (<u>~5</u> %)	<u> </u> Fabric and cloth* (<u> </u> %)
<u>2</u> Bottles (plastic or glass) (<u>~30</u> %)	<u> </u> Metal products* (<u>~5</u> %)	<u> </u> Yard waste (incl. trees) (<u> </u> %)
<u> </u> Aluminum cans (<u>~30</u> %)	<u> </u> Biohazards* (<u> </u> %)	<u> </u> Leaf litter piles (<u> </u> %)
<u>1</u> Styrofoam (pieces or pellets) (<u>~25</u> %)	<u>4</u> Construction debris* (<u>~10</u> %)	<u> </u> Glass pieces (<u> </u> %)
<u> </u> Other plastic products* (<u> </u> %)	<u> </u> Toxic substances* (<u> </u> %)	<u>3</u> SOX or tennis balls (<u>~10</u> %)
<u> </u> Paper and cardboard* (<u>1-2</u> %)	<u> </u> Large items* (<u> </u> %)	<u> </u> Other* <u> </u> %
No golf balls, mostly other sports balls		<u> </u> Other <u>Fiberglass pipe</u> 2-3%

2. Potential trash pathways/sources (Check all that apply):

<input checked="" type="checkbox"/> Trash accumulation	<input type="checkbox"/> Homeless encampments	<input type="checkbox"/> Other <u> </u>
<input type="checkbox"/> Litter	<input type="checkbox"/> Outfall <u> </u>	<input type="checkbox"/> Unknown <u> </u>
<input type="checkbox"/> Illegal dumping	<input type="checkbox"/> Other <u> </u>	

3. Identify adjacent land uses to trash area (Check all that apply): Residential (Single-family) Residential (Multi-family)

Commercial Urban Park Freeway Industrial Public/Institutional Mixed-use Other Developed
 adjacent to Bay Trail

III. Trash Removal

Volume of Trash Removed During Cleanup (Un-compacted)

Size of trash bag (in gallons): 13
4 bags +
 Total # of bags: 2 cu ft lumber unbagged

(Optional)

OR Wet Weight (lbs.): *100 lbs
 *Estimates 20lbs/bag + 20 lbs for lumber

IV. Photo Documentation

Before Cleanup

(For shorelines only)

Segment ID (A-F)	Photo #'s	Segment ID (G-L)	Photo #'s
A:	<u>051210_snv05_a_1</u>	G:	<u>051210_snv05_g_1</u>
B:	<u>051210_snv05_b_1</u>	H:	<u>051210_snv05_h_1</u>
C:	<u>051210_snv05_c_1</u>	I:	<u>051210_snv05_i_1</u>
D:	<u>051210_snv05_d_1</u>	J:	<u>051210_snv05_j_1</u>
E:	<u>051210_snv05_e_1</u>	K:	<u>051210_snv05_k_1</u>
F:	<u>051210_snv05_f_1</u>	L:	<u>051210_snv05_l_1</u>

After Cleanup

(For shorelines only)

Segment ID (A-F)	Photo #'s	Segment ID (G-L)	Photo #'s
A:	<u>051910_snv05_a_2</u>	G:	<u>051910_snv05_g_2</u>
B:	<u>051910_snv05_b_2</u>	H:	<u>051910_snv05_h_2</u>
C:	<u>051910_snv05_c_2</u>	I:	<u>051910_snv05_i_2</u>
D:	<u>051910_snv05_d_2</u>	J:	<u>051910_snv05_j_2</u>
E:	<u>051910_snv05_e_2</u>	K:	<u>051910_snv05_k_2</u>
F:	<u>051910_snv05_f_2</u>	L:	<u>051910_snv05_l_2</u>

Notes: Brush and weeds were very high.
Recommend doing assessment earlier
(March) before spring growth occurs.

Optional Photographs After Cleanup

Photo #'s 051910_snv05_total debris removed

Data Points	Definitions
I. Site Information	
Site ID#	The unique identification number assigned to the site. The site ID# will be used to track trash hot spot activities within databases or other tabular formats.
Site Location	The exact physical location of the upstream and/or downstream ends of the trash hot spot in relation to roads and/or physical landmarks (e.g., bridge crossings, outfalls) on the creek (e.g., Coyote Creek, outfall located 100 feet downstream of Julian Street Bridge). Alternatively, for larger hot spots, provide a length of creek between two different roads/bridge crossings or other physical landmarks (e.g., Guadalupe River between W. Hedding Street and Coleman Avenue).
Latitude	The geographic coordinate north or south of the equator. Latitude should be taken at the downstream end of the trash hot spot (preferably in decimal degrees to at least four decimal places) with a GPS receiver. Record the datum setting of the unit preferably in NAD83/ WGS84.
Longitude	The geographic coordinate east or west of the prime meridian (0 degrees longitude). Longitude should be taken at the downstream end of the trash hot spot (preferably in decimal degrees to at least four decimal places) with a GPS receiver. Record the datum setting of the unit preferably in NAD83/ WGS84.
Watershed	The watershed where the trash hot spot is located. See www.scvurppp.org for list.
Waterbody	The waterbody (i.e., creek, river or other waterway) where the trash hot spot is located.
Ownership	The owner of the land where the trash hot spot is located. Possible answers are public, private, SCVWD or unknown.
Jurisdiction(s)	The jurisdiction(s) responsible for trash hot spot assessment and cleanup. Multiple jurisdictions may exist for certain water bodies (e.g., San Francisquito Creek).
II. Trash Information	
1. Trash Types	
Convenience/Fast Food Items	Waste packaging, (i.e., plastic or paper) from convenience foods (e.g., potato chips, snack foods, candy bars, gum, etc.) and other wastes (e.g., bags, napkins, etc.) generated from fast food establishments or carry out restaurants.
Other Plastic Products	Plastic Bottle Caps, Plastic Cup Lid/Straw, Plastic Pipe Segments, Plastic Six-Pack Rings, Plastic Wrappers, Soft Plastic Pieces, Hard Plastic Pieces, Fishing Line, Tarp
Paper and Cardboard	Cups, Boxes, Newspapers, Magazines, Mail, Flyers and all other products made of paper or cardboard.
Metal Products	Aluminum Foil, Aluminum or Steel Cans, Bottle Caps, Metal Pipe Segments, Auto Parts, Wire (barb, chicken wire etc.), Metal Objects
Biohazards	Human Waste/Diapers, Pet Waste, Syringes or Pipettes, Dead Animals
Construction Debris	Concrete (not placed), Rebar, Bricks, Wood Debris
Toxic Substances	Chemical Containers, Oil/Surfactant on Water, Lighters, Small Batteries, Vehicle Batteries
Large Items	Appliances, Furniture, Garbage Bags of Trash, Tires, Shopping Carts
Miscellaneous Items	Synthetic Rubber, Foam Rubber, Balloons, Ceramic Pots/Sharps, Hose Pieces
Fabric and Cloth	Synthetic Fabric, Natural Fabric (cotton, wool)
Other	All other materials or products not on the above list.
2. Potential Trash Pathways/Sources	
Trash Accumulation	Litter/trash observed to be accumulating in creeks below the high water line. Litter/trash is may be worn and aged in appearance; consist of light-weight, persistent and buoyant trash items (e.g., plastic bags, plastic bottles); and observed caught in surrounding vegetation, tree branches and rocks.
Litter	Improperly disposed/discarded wastes or other items observed in creek channels and/or creek banks. Commonly referred to as "trash". Litter/trash appears relatively "new" in appearance. Litter/trash is usually located in areas accessible to the public.
Illegal Dumping	Illegal dumping or discarding of larger quantities/sizes of litter/trash directly into a waterway or in close proximity to a creek. Garbage bags of trash or other unwanted items, appliances, furniture, tires, shopping carts and other large items are usually observed at illegal dump sites.
Homeless Encampments	Areas where homeless individuals live or congregate.
Outfall	The point where the storm drain system discharges (i.e., usually from a pipe) into a receiving water or channel.
Other	All other potential sources not described above.
Unknown	Trash source can not be determined or are known.
3. Adjacent Land Uses to Trash Areas	
Adjacent Land Uses to Trash Areas	Residential (Single-family), Residential (Multi-Family), Commercial, Urban Park, Freeway, Industrial, Public/Institutional, Mixed-use, Other Developed
III. Trash Removal	
Volume of Trash Removed During Cleanup (Un-Compacted)	
Size of Trash Bag (in gallons)	Size of trash bag (in gallons) used to remove trash during cleanup.
Total Bags	Total number of bags of trash removed during cleanup.
Cubic Yards	Estimated cubic yards of trash removed during cleanup.
Wet Weight (lbs)	Wet weight (in pounds) of trash removed during cleanup.
IV. Photo Documentation	
Segment ID	The segment ID (i.e., A-L) where the photograph was taken to depict trash condition before or after trash cleanup. Segment IDs A-F correspond to both creek and shoreline hot spots, while segment IDs G-L only correspond to shoreline hot spots.
Photo #	The number assigned to a photograph taken to depict trash condition before or after trash cleanup. Within each segment, a minimum of one photograph must be taken before the cleanup and one photograph after the cleanup - for a total of 6 before and 6 after photographs for 300 ft creek hot spots and 12 before and 12 after photographs for shoreline hot spots. Additional photographs may be taken within each hot spot.
Optional Photographs After Cleanup	The number assigned to optional photographs taken to illustrate the volume of trash collected during the cleanup.
Notes	Comments or other notes regarding photo documentation.

SNV 05—San Tomas Aquino-Calabazas Creek Site. Photos taken every 50 ft.

Before Clean up



051210_snv05_a_1

After Clean up



051910_snv05_a_2



051210_snv05_b_1



051910_snv05_b_2



051210_snv05_c_1



051910_snv05_c_2

SNV 05—San Tomas Aquino-Calabazas Creek Site. Photos taken every 50 ft.

Before Clean up



051210_snv05_d_1

After Clean up



051910_snv05_d_2



051210_snv05_e_1



051910_snv05_e_2



051210_snv05_f_1



051910_snv05_f_2

SNV 05—San Tomas Aquino-Calabazas Creek Site. Photos taken every 50 ft.

Before Clean up



051210_snv05_g_1

After Clean up



051910_snv05_g_2



051210_snv05_h_1



051910_snv05_h_2



051210_snv05_i_1



051910_snv05_i_2

SNV 05—San Tomas Aquino-Calabazas Creek Site. Photos taken every 50 ft.

Before Clean up



051210_snv05_j_1

After Clean up



051910_snv05_j_2



051210_snv05_k_1



051910_snv05_k_2



051210_snv05_L_1



051910_snv05_L_2

SNV 05—San Tomas Aquino-Calabazas Creek Site.



SNV05_051910 Entire site view sections L-A facing east



SNV05_051910 Total quantity of trash removed. (Orange cones not included in debris volume.)