Santa Clara Valley Water District

September 15, 2013

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

Subject: **Santa Clara Valley Water District**
FY 2012-2013 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the **Santa Clara Valley Water District (District)** 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. District's Annual Report highlights, accomplishments, and enhancements are provided below.

The District is reporting on the MRP provisions that apply to this agency. As a flood control and water supply agency not all the MRP permit provisions apply to the District and therefore it may appear that information is not present. Where the approved annual report format document requests negative responses the District has included those, such as in Section C.4, etc.

Program Highlights and Accomplishments–Permit Required Activities

The District remains active in its capacity as the Chair of the Santa Clara Valley Urban Runoff Pollution Prevention Program. The District remains active in many of the local Ad Hoc Task Groups that support the completion of the various permit provisions in a cost effective and organized fashion that facilitates a common reporting format for the reviews of the MRP annual reports.

Section C.2 Municipal Operations

The Corporation Yard sampling has continued. Pollution Prevention and pollutant reduction has continued to be a focus of Corporation Yard staff discussions. Storm drain inspections and cleaning work orders continue to be distributed via the District's Comcate Preventative Maintenance Program (field maintenance work-order software) for the three Water Treatment Plants and new in 2012-2013 a Comcate inspection program has been implemented. Each

month, facility maintenance staff receive a computer generated work order to inspect all storm drains at their facility and have them cleaned as needed. Please refer to the C.2 Municipal Operations section of the Program's FY 2012-2013 Annual Report for a description of activities implemented at the countywide and/or regional level.

Safe Clean Water Implementation Unit also conducted a "Stormwater Stroll" which was an internal outreach campaign to re inform managers and staff as to their obligations associated with the MRP. This campaign took place in the spring of 2013. The memo is an attachment to section C.2 of the Annual Report.

Section C.5 Illicit Discharge Detection and Elimination

POLLUTION PREVENTION HAZMAT HOTLINE

The District received and responded to a total of 109 emergency response reports throughout Santa Clara County during FY 12-13. This total is down from the 133 reports in FY 11-12. Of the 109 total incidents reported during the last fiscal year, 104 were within the jurisdiction of the San Francisco Bay Regional Board. 99 were actual or potential discharge events. 81 required a field response by a team member or members for general investigation, source identification, multi-agency coordination, and clean up or evidence collection. The District is one of the few Santa Clara County Permittees that has 24-hour availability to conduct storm water pollution investigations. The District staff will, as needed, investigate and collect evidence at a site that can later be transferred to the appropriate jurisdictional authority during the next regularly scheduled business hours. Jurisdictional authority could be our co-permittees, state or federal agencies. The District responded within target field response time 100% of the time for all incidents in FY 12-13.

WATER RESOURCE PROTECTION ORDINANC CODE ENFORCEMENT PROGRAM

In 2012-2013 the District resurrected its Code Enforcement Program. This past year the Community Project Review Unit's Code Enforcement Program processed 195 cases. Of those cases 69 or 35% were for illegal dumping on District property which is predominately creek side. Encroachment violations accounted for 36 or 18% of the cases. 25 or 13% of the cases were for illegal planting of various vegetation types on District property including level access roads. The remaining cases are shared below in a table as well as a pie chart.

Section C.6 Construction Site Controls

Stormwater violations are being handled in a timely manner in a timely fashion.

In 2012-2013 the Construction Administration Unit made a number of improvements for the stormwater inspection program.

Two supervisors attended the 3 day QSD/QSP training which brings the total to 4 out of 14 staff in the Construction Administration Unit with this level of training. In addition the Unit Manager hired an Engineering Student Intern to maintain the construction inspection table. With these modifications the stormwater pollution prevention awareness in the unit is improving.

During the September 2013 construct inspection training the DVD titled “Municipal Storm Water Pollution Prevention Best Management Practices” by Excal Visual will be shown. This video has been well received by our facilities staff and our Water Utility Discharge Staff.

The District has two staff that are state certified Qualified SWPPP Developer (QSD)/Qualified SWPPP Practitioners (QSP). Construction Services Unit has two (2) staff who have completed QSP/QSD training and two (2) staff who have completed QSP training. There are currently 14 construction field staff in the Construction Services Unit.

Section C.7 Public Information and Outreach

The District water conservation and pollution prevention units staffed 57 outreach events in FY 12-13 and provided brochures for 7 other events when District staff was unavailable.

The District provided significant support for the following citizen involvement events:

National River Cleanup Day and Coastal Cleanup Day – the District chairs Creek Connections Action Group, providing meeting support and supplies, coordinating the site coordinator training and supply pickup meetings, manning the phones on the day of the events and reporting results to the California Coastal Commission on Coastal Cleanup Day. The District also provides pickup and disposal of the collected trash from approximately half the sites of both events.

The District administers the Adopt-A-Creek Program, providing cleanup supplies, assigning adoption areas, and pickup of collected trash.

The District has a very active School Outreach Program that reached 22,651 students from Pre-K to college. District staff conducted in-classroom presentations and tours at our outdoor classroom facilities:

- Alviso Outdoor Classroom
- Coyote Creek Outdoor Classroom,
- Morley Park/McGlincey Ponds,
- Alamitos Recharge Ponds.

An all-employee Pollution Prevention Week email campaign was conducted September 17-23, 2012. Four emails were sent providing pollution prevention tips. Topics included:

- General pollution prevention week information and proper pesticide use and disposal
- What’s My Car’s Footprint?
- What’s Your Trash Footprint?
- What’s Your Sustainability Footprint?

Numerous requests for brochures were received from District employees, as well as many comments about the campaign. This continues to be a good method to present pollution prevention concepts to District employees.

In July 2012, the District sent a countywide mailer to every household in the county, totaling 660,192. The mailer included an article on the proper disposal of left over or unwanted household and garden chemicals. A copy of the mailer is included as Attachment 1.

The District sent a flood safety notice to over 100,000 flood plain residents in November 2012. Although the mailer’s main focus is flood preparedness and safety, it also contained articles on

healthy creek ecosystems and keeping debris out of creeks. A copy of the mailer is included as Attachment 2.

Section C.9 Pesticide Toxicity Controls

In the interest of improving the District message to staff regarding IPM (which received an NOD in the winter of 2013) the Stream Stewardship Unit (currently Safe Clean Water Implementation Unit) staff provided training to the various staff and units during 2012-2013 and also provided the Facilities Management Unit with a DVD titled "Municipal Storm Water Pollution Prevention …Everyday Best Management Practices" by EXCAL Visual to be viewed by other staff at unit meetings. Other unit managers who have seen the stormwater pollution awareness video are now requesting copies to be viewed during individual unit meetings.

All District employees were informed, via the District's News You Can Use all-employee messaging system on April 16, 2013, that only employees authorized and trained to apply pesticides can use them at work. No over-the-counter pesticides are allowed in or around the workplace. This is consistent with the District's IPM Policy. A copy of the all-employee email is included as Attachment 1.

Additionally, in July 2012, the District sent a countywide mailer to every household in the county, totaling 660,192. The mailer included an article on the proper disposal of left over or unwanted household and garden chemicals. A copy of the mailer is included as Attachment 2.

Section C.10 Trash Load Reduction

The District has been instrumental in the removal of 4674.5 cubic yards of trash and debris from various waterways in Santa Clara County during 2012-2013. The District Clean Safe Creek's Good Neighbor Program cleans up a significant portion of this overall total and coordinates some of the clean ups through our Memorandum of Agreement (MOA) with the City of San Jose. The MOA is a document that outlines the coordinated efforts to clean up homeless encampments, creek trash rafts and other areas heavily impacted by trash and litter.

The District focused on homeless encampment clean ups in 2012-2013. The number of homeless encampments appeared to increase over the previous year. The District intentionally focused its resources on encampment cleanups foregoing cleanup of trash hot spots. The hot spots were evaluated and several had very little trash so the decision was made by Stream Stewardship Unit staff to have the maintenance crews focus on activities that would yield the removal of greater amounts of trash. We estimated the amount of trash the District likely would have removed from hot spots at about 23 cubic yards based on hot spot clean up numbers from the last two years. The table below indicates the Illegal Encampment Cleanups removed nearly 700 cubic yards of trash over the previous year.

District staff continues to participate in the SCVURPPP Trash Ad-Hoc Task Group. The SCVURPPP Trash Ad-Hoc Task Group continues to play a leadership role in the development of the regional Baseline Trash Load Generation Rates Report and the Trash Load Reduction Tracking Method Plan.

In January of 2011 the District Board of Directors took a position supporting contributing $130,000 over two years to the City of San Jose, Clean Creeks and Healthy Communities grant proposal application with the U. S. Environmental Protection Agency. This grant has been awarded to the City of San Jose and the District has continued participation in the pilot project.

The District continues to run an Adopt-A-Creek program and support National River Clean Up Day and Coastal Clean Up Day. The District Board of Directors sponsored a homeless encampment workshop that included a presentation by the City of San Jose's chief of police and a warden from the California Department of Fish and Game as well as many others. This workshop took place on May 17th 2012.

Section C.11 Mercury Controls

The District continues its monitoring program to evaluate water quality in Lake Almaden, Almaden Reservoir, Calero Reservoir, Guadalupe Reservoir, and Stevens Creek Reservoir. Depth profile measurements of temperature, pH, conductivity, and dissolved oxygen were conducted monthly. In addition, water samples were collected from the epilimnion and hypolimnion for analyses of total and dissolved mercury, total methyl mercury, ammonia, nitrate/nitrite, sulfate, and phosphorus at Lake Almaden, Almaden Reservoir, Calero Reservoir, and Guadalupe Reservoir. Samples were also collected from the epilimnion for analyses for chlorophyll a, and measurements of turbidity were taken at the outlets of the reservoirs. The purpose of this monitoring is to establish existing water quality conditions and seasonal variability to evaluate the implementation of management changes to improve water quality. The District, in partnership with others (Coordinated Monitoring Program) also collected fish tissue samples from the lake and reservoirs (excluding Stevens Creek Reservoir) and from downstream waterways to assess existing conditions for future comparison to evaluate effectiveness of upstream mercury controls.

Lake Almaden Circulation

Lake Almaden is a former gravel quarry that lies at the confluence of Guadalupe Creek and Los Alamitos Creek that drain Guadalupe and Almaden Reservoirs, respectively. Below this confluence is the Guadalupe River. This lake provides recreational amenities to the community, including seasonal swimming and fishing. The Guadalupe River Watershed Mercury Study identified the lake as a significant source of methyl mercury that bioaccumulates in fish within the lake and in fish downstream. In 2009-10 two additional circulators were installed in the lake, providing full treatment. Monitoring of the performance was continued in 2012-13.

Reservoir Circulation

The Guadalupe River Watershed Mercury Study identified reservoirs as a significant source of methyl mercury that bioaccumulates in fish within the reservoirs and in downstream creeks. The study also demonstrated a correlation between the seasonal development of anoxia in the hypolimnion and increased methyl mercury concentrations. Building on the success of the Lake Almaden pilot project, the District installed three solar-powered circulators in Almaden Reservoir in April 2007, and three solar-powered circulators were installed in Guadalupe Reservoir in July 2007. Monitoring of the performance was continued in 2012-13. Circulation alone was ineffective at improving water quality at Almaden and Guadalupe Reservoirs.

Reservoir Oxygenation

The District installed an oxygenation system at Calero Reservoir in order to address hypolimnetic methyl mercury production. This system was installed in November 2011, and the

170.2 kg from the Guadalupe River Watershed. The remaining 8.83 kg are attributed to regional background mercury deposition processes (see Attachment 1).

Section C.15 Exempted and Conditionally Exempted Discharges
A Water Utility Discharge training was provided by SCVURPPP on April 14, 2011 where the District assisted by presenting on two sections of pollution prevention practices and experience. For this training, the District also provided a crane with BMP equipment to display and discuss for the benefit of other water utility agencies and municipalities.
The District's Urban Runoff Program provided a Water Utility Workshop for District employees on September 9, 2013 that was attended by 24 individuals. This training was carried over from the Spring of 2013 so that important Department of Homeland Security info could be included that was not developed until July 2013.

Annual Report
The attached Annual Report can be shared with other Co-permittees, municipal decision-makers, and the public. The Annual Report provides documentation of activities conducted during FY 2012-2013 and consists of the following:

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

Please contact **Brett Calhoun** at (408) 630-2653 regarding any questions or concerns.

Very truly yours,

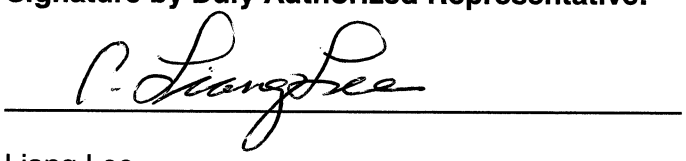
Liang Lee
Duly Authorized Representative
Deputy Operating Officer
Watershed Stewardship Division

Santa Clara Valley Water District
FY 2012-2013 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:



Liang Lee
Duly Authorized Representative
Deputy Operating Officer

September 12, 2013

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Section **Page**

Section 1 – Permittee Information

Background Information						
Permittee Name:	Santa Clara Valley Water District					
Population:	SCVWD is a non-population based co-permittee					
NPDES Permit No.:	CAS612008					
Order Number:	R2-2009-0074R					
Reporting Time Period (month/year):	July 2012 through June 2013					
Name of the Responsible Authority:	Liang Lee			**Title:**	Deputy Operating Officer	
Mailing Address:	5750 Almaden Expressway					
City:	San Jose	**Zip Code:**	95123	**County:**	Santa Clara	
Telephone Number:	408-265-2600	**Fax Number:** 408-979-5613				
E-mail Address:	Llee@valleywater.org					
Name of the Designated Stormwater Management Program Contact (if different from above):	J. Brett Calhoun	**Title:**	Senior Water Quality Specialist			
Department:	Stream Stewardship					
Mailing Address:	5750 Almaden Expressway					
City:	San Jose	**Zip Code:**	95123	**County:**	Santa Clara	
Telephone Number:	408-265-2600	**Fax Number:** 408-979-5613				
E-mail Address:	jcalhoun@valleywater.org					

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation
Highlight/summarize activities for reporting year:

Summary:

C.2.1 Corporation Yard BMP implementation is the primary C.2 provision that the District is responsible for.

PROGRAM EVALUATION

Working with District Urban Runoff Program, the Corporation Yard has implemented a very effective good housekeeping strategy. A District wide Green Business Certification has also brought a heightened environmental awareness to all District staff regarding pollution prevention.

Corporation Yard storm water samples were collected in the fall both upstream and downstream of the sediment control best management practice (BMP) device. Results indicate the BMP is reducing the concentration of analytes that are discharged through the system. Our current focus is to improve the filter device's removal of TPH-d.

The District owns and operates the storm water drainage systems at its facilities, which includes storm drains, catch basins, vegetated swales, open drainage ditches, utility trenches, and storm drain lines. Storm drains from District Corporation Yard facilities discharge to the Guadalupe Creek, the Guadalupe River, and recharge ponds. Storm drains outside District facilities are owned and operated by the local (city or county) jurisdictions.

The District completed the following tasks:

1) Revised and updated Storm water Pollution Prevention Plans for the Corporation Yard, Winfield Facility, and Almaden Campus (2012-13).
2) Stream Stewardship Unit (currently Safe Clean Water Implementation Unit) staff provided training to the Facilities Management Unit during the winter of 2013 and also provided the Facilities Management Unit with a DVD titled "Municipal Storm Water Pollution Prevention …Everyday Best Management Practices" by EXCAL Visual to be viewed by other staff at unit meetings.
3) Continued implementation of the storm drain inspection and cleaning program.
4) District cleaned and reconstructed the cinder block, screen, and gravel BMP's at various facilities in 2012-2013.
5) Safe Clean Water Implementation Unit also conducted a "Stormwater Stroll" which was an internal outreach campaign to re inform managers and staff as to their obligations associated with the MRP. This campaign took place in the spring of 2013.

HIGHLIGHTS AND ACCOMPLISHMENTS

The Corporation Yard sampling has continued. Pollution Prevention and pollutant reduction has continued to be a focus of Corporation Yard staff discussions. Staff was trained on the need to document follow up actions to inspections. The Stream Stewardship staff focused on training Facilities staff to document clean up actions based on SWPPP inspections as well as for general good house cleaning practices. Storm drain inspections and cleaning work orders continue to be distributed via the District's Comcate Preventative Maintenance Program (field maintenance work-order software) for the three Water Treatment Plants and now for the Corporation Yard. Each month, facility maintenance staff received a computer generated work order to inspect all storm drains at their facility and have them cleaned as needed. Please refer to the C.2 Municipal Operations section of the Program's FY 12-13 Annual Report for a description of activities implemented at the countywide and/or regional level.

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

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

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

Comments:

The SCVWD does not conduct street and road repair maintenance activities.

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

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

NA	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
NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:
The SCVWD does not conduct cleaning activities using pressure washers on sidewalks.

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

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

Y	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
Y	Control of discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
NA	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
NA	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments:
Graffiti on District property is not removed; it is painted over, predominately by the use of rollers. We do not spray near standing or flowing water. When spraying is the preferred method we cover the immediate area with ground cloths.

C.2.d. ►Stormwater Pump Stations

Does your municipality own stormwater pump stations:		**Yes**	**X**	**No**

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

Complete the following table for dry weather DO monitoring and inspection data for pump stations[1] (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt.

Pump Station Name and Location	**First inspection Dry Weather DO Data**		**Second inspection Dry Weather DO Data**	
	Date	**mg/L**	**Date**	**mg/L**
NA	**NA**	**NA**	**NA**	**NA**

Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:

NA

Summary:

NA

Attachments:

NA

Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):

Pump Station Name and Location	**Date** (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)
NA	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

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

C.2.e. ►Rural Public Works Construction and Maintenance				
Does your municipality own/maintain rural[2] roads:		**Yes**	**X**	**No**
If your answer is **No** then skip to **C.2.f**.				

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

NA	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
NA	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
NA	No impact to creek functions including migratory fish passage during construction of roads and culverts
NA	Inspection of rural roads for structural integrity and prevention of impact on water quality
NA	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
NA	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
NA	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:

We have been implementing the Program's Rural Public Works Maintenance and Support Performance Standards and associated BMPs since 2003. Maintenance staff attended the Program's "Rural Roads Maintenance BMPs" Workshops on [September 25 and 26, 2008 and/or March 23, 2009, and/or October 3 and October 4, 2011] presented by Ledwith Watershed Services.

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

C.2.f. ►Corporation Yard BMP Implementation

Place an **X** in the boxes below that apply to your corporations yard(s):

	We do not have a corporation yard
	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
X	We have a **Stormwater Pollution Prevention Plan (SWPPP)** for the Corporation Yard(s)

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

X	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
X	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
X	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
X	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
X	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

The Stream Stewardship Unit has been performing storm drain inspections since FY 2005 at the Corporation Yard, to ensure compliance with the Urban Runoff Management Plan and Storm Water Pollution Prevention Plans.

The water quality sampling at the Corporation Yard has continued. Pollution prevention and pollutant reduction has continued to be a focus of Corporation Yard staff training as well as documentation of cleanup activities.

The stormwater quality BMPs were visually inspected quarterly during non-stormwater observations at the Corporation Yard. The Corporation Yard culvert inlet protection device (constructed of cinderblocks filter fabric and washed gravels) was inspected and determined to be in need of reconstruction and cleaning which occurred in the fall of 2012, as it had collected sediment preventing this material from entering the Guadalupe River. The Camden and Brokaw yards are used to store various stream maintenance related materials such as large tree trunks and large rocks. These facilities are inspected prior to the rainy season and are not in use during the rainy season.

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:

The following table is for inspection results for our Corporation yard(s).

Corporation Yard Name	**Inspection Date** (1x/year required)	**Inspection Findings/Results**	**Follow-up Actions**
Corporation Yard	Non-Storm Water Inspection: 7/17/12	7/17- No discharge was observed. However, storm drains need to be cleaned out in the storage shed area.	Storm Drain being monitored cleaning should occur in Fall 2013
	Non-Storm Water Inspection 11/13/12	11/13- No rain, no discharge was observed.	N/A
	Storm Water Inspection 12-12-12	12/12- Outfall A discharge was clear, Outfall B discharge was turbid. No water samples taken.	N/A
	Storm Water Inspection: 2/8/13	2/8- Storm water discharge was clear. No samples were taken.	N/A
	Non-Storm Water Inspection 4-16-13	4/16- No rain, no discharge was observed.	N/A
Camden Yard	Storm Water Inspection: 10/2/12	10/2- Storm water discharge was clear. No samples were taken. Straw waddle BMP was observed. Follow up regarding BMP not necessary.	N/A
	Storm Water Inspection: 1/23/13	1/23- No run off observed. Clear water in puddles. No samples were taken. Straw wattle needs replacement.	Work order was written 1/23/13 to replace straw wattle.
	Non-Storm Water Inspection: 2/4/13	2/4- No discharge was observed. Straw wattle BMP was damaged and gravel at entrances was in need of repair/augmentation.	Replaced straw wattle BMP and augment gravel at entrances in Spring 2013
Brokaw Yard	Non-Storm Water Inspection: 2/4/13	2/4- No discharge was observed. Sediment separator BMP was effective. Some trash and litter was found at the back fence inspection location.	N/A

Santa Clara Valley Water District

MEMORANDUM

FC 14 (01-02-07)

TO: Distribution

FROM: Ann Draper

SUBJECT: Audits of Stormwater Program Records - April 2013

DATE: March 19, 2013

In the interest of maintaining regulatory compliance with Municipal Regional Stormwater (MRP) Permit conditions, the Watershed Stewardship Division and the Stream Stewardship Unit will be starting informal reviews of stormwater compliance records at District facilities subject to the MRP. A staff team will be visiting the various units identified below to review storm water records.

When we visit your unit, please be ready to show us the records that your unit keeps and let us know how you are updating the records and keeping them current. For your convenience, the MRP condition sections that will be reviewed are noted below. Should MRP records not be current or inclusive of required information, corrective action plan will be created to bring the records current over the next 60 days.

Over the past two years, the District has received two Notices of Deficiencies; for - Storm Water Pollution Prevention Plan inspections, and for portions of the Pesticide Pollution Prevention Program. Training has been made available to provide staff with the information needed to be incompliance with the MRP requirements. This review of existing records will encourage units to maintain records, and be able to reproduce them if requested by the Regional Board, ISO auditors, or internal staff.

Thank you for your assistance and availability for this review. Please contact Brett Calhoun at extension 2653 if you have any questions.

Deputy Operating Officer
Watershed Stewardship Division

Distribution: Shree Dharasker, Larry Lopez, Tim Bramer, Mala McGill, Mike Cresap, Carol Fredrickson, Kristen O'Kane, Sue Tippets, Jim Crowley, Mark Wander, Behzad Ahmadi, Crystal Yezman, Sue Tippets, Becky McCullough, Angela Cheung, Gary Nagaoka.

cc: N. Camacho, J. Fiedler, C. Elias, Kristin O'Kane (Acting), M. Richardson, M. Hamer, K. Oven, F. Maitski, J. Maher, A. Cheung (Acting)

AD:bc:sd:mel

W:\Stream Stewardship\00771011 - District Urban Runoff Program\MRP Management\3-19-13 Memo to Distribution RE Audits of Stormwater Program Records April 2013.docx

April 15, 2013 - Reviews					
Unit	**Documents We Will Review**	**When We Will Review the Docs**	**Unit Contact Person**	**MRP Permit Section**	**Findings**
217 –Environmental, Health and Safety		April 15, 2013 13:30	Dale Jacques Larry Lopez-UM	C.5 Required Records-Illicit Discharge Detection and Elimination	
315- Construction Services Unit		April 15, 2013 14:30	Tim Bramer-UM	C.6 Required Records-Construction Site Inspection	
315- Construction Services Unit		April 15, 2013 15:00	Tim Bramer-UM	C.13 Required Records-Copper Controls	
172- District Communications Unit		April 15, 2013 15:30	Kate Slama Teresa Alvarado-UM	C.7 Required Records-Public information and Outreach	
242- Stream Stewardship		April 15, 2013 16:30	Brett Calhoun Shree Dharasker-UM	C.8 Required Records-Water Quality Monitoring	
242- Stream Stewardship		April 15, 2013 17:00	Brett Calhoun Shree Dharasker-UM	C.10 Required Records-Trash Load Reduction	
242- Stream Stewardship		April 15, 2013 17:30	Brett Calhoun Shree Dharasker-UM	C.11 Required Records-Mercury Controls	
April 16, 2013 - Reviews					
Unit	**Documents We Will Review**	**When We Will Review the Docs**	**Unit Contact Person**	**MRP Permit Section**	**Findings**
242- Stream Stewardship		April 16, 2013 8:30 am	Brett Calhoun Shree Dharasker-UM	C.13 Required Records-Copper Controls	
887- Facilities Management		April 16, 2013 9:00 am	Tom Spada Mike Cresap-UM	C.2 Required Records-Municipal Operations-SWPPPs	
253-West and Guad		April 16, 2013	Dale Honda	C.2 Required Records-	

Field Operations		10:30	Carol Fredrickson-UM	Municipal Operations-SWPPPs	
253-West and Guad Field Operations		April 16, 2013 10:45	Celia Norman Carol Fredrickson-UM	C.10 Required Records-Trash Load Reduction	
293-Coyote and Pajaro Field Operations Unit		April 16, 2013 11:00	Don Duran Kristen O'Kane-UM	C.2 Required Records-Municipal Operations-SWPPPs	
293-Coyote and Pajaro Field Operations Unit		April 16, 2013 11:15	Ramona Ramstead Kristen O'Kane-UM	C.10 Required Records-Trash Load Reduction	
294-Community Projects Review		April 16, 2013 13:30	Debra Dake Sue Tippets-UM	C.5 Required Records-Illicit Discharge Detection and Elimination	

April 17, 2013 - Reviews

Unit	Documents We Will Review	When We Will Review the Docs	Unit Contact Person	MRP Permit Section	Findings
295-Vegetation Management Unit		April 17, 2013 9:00	Jennifer Codianne Mark Wander-UM	C.9 Required Records-Pesticides Toxicity Control	
242- Stream Stewardship		April 17, 2013 10:00	Dave Drury Shree Dharasker-UM	C.14 Required Records-Polybrominated Diphenyl Ethers, Legacy Pesticides and Selenium-	
435-Utility Maintenance Engineering Unit		April 17, 2013 10:30	David Matthews Aaron Baker Jim Crowley-UM	C.15 Required Records-Exempted and Conditionally Exempted Discharges	
465- Groundwater Monitoring and Analysis Unit		April 17, 2013 11:00	Vanessa De La Piedra Behzad Ahmadi-UM	C.15 Required Records-Exempted and Conditionally Exempted Discharges	
555-Treatment Plant Maintenance Unit		April 17, 2013 1:00	Becky McCullough-UM	C.15 Required Records-Exempted and Conditionally Exempted Discharges	
565-East Side Water Treatment Operations Unit		April 17, 2013 2:00	Angela Cheung-UM	C.15 Required Records-Exempted and Conditionally Exempted Discharges	
566-West Side Water Treatment Operation		April 17, 2013 2:30	Crystal Yezman-UM	C.15 Required Records-Exempted and Conditionally	

Unit				Exempted Discharges	
585-Raw Water Field Operations & Pipeline Maintenance Unit		April 17, 2013 3:30	Gary Nagaoka-UM	C.15 Required Records- Exempted and Conditionally Exempted Discharges	
331-332-334				C.14 Required Records- Polybrominated Diphenyl Ethers, Legacy Pesticides and Selenium-	

C.2 Required Records - Municipal Operations-SWPPPs
C.3 Required Records - New Development and Redevelopment- *Capitol Division as needed*
C.4 Required Records - Industrial and Commercial Site Controls-*NA*
C.5 Required Records - Illicit Discharge Detection and Elimination- *Environmental Health and Safety*
C.6 Required Records - Construction Site Inspection- *Construction Inspection Unit*
C.7 Required Records - Public information and Outreach- *Office of Communications*
C.8 Required Records - Water Quality Monitoring- *Stream Stewardship Unit*
C.9 Required Records - Pesticides Toxicity Control- *Vegetation Management Unit*
C.10 Required Records - Trash Load Reduction- *Stream Stewardship Unit*
C.11 Required Records - Mercury Controls- *Guadalupe Watershed Engineering-Stream Stewardship*
C.12 Required Records - Polychlorinated Biphenyls (PCBs) Controls- *Stream Stewardship*
C.13 Required Records - Copper Controls-*Construction Inspection Unit-Stream Stewardship*
C.14 Required Records - Polybrominated Diphenyl Ethers, Legacy Pesticides and Selenium- *Stream Stewardship-Capitol Division for Selenium in the Ponds*
C.15 Required Records - Exempted and Conditionally Exempted Discharges- *Utility Maintenance Engineering Unit.*

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

C.3.b.v.(2)(a) ►Green Streets Status Report (All projects to be completed by December 1, 2014)
On an annual basis (if applicable), report on the status of any pilot green street projects within your jurisdiction. For each completed project, report the capital costs, operation and maintenance costs, legal and procedural arrangements in place to address operation and maintenance and its associated costs, and the sustainable landscape measures incorporated in the project including, if relevant, the score from the Bay-Friendly Landscape Scorecard.
Summary: The District does not have jurisdiction over streets or other roadways. The C.3 New Development and Redevelopment section of the Program's FY 12-13 Annual Report includes a description of activities conducted at the countywide or regional level.

C.3.b.v.(2)(c) ►Summary of Green Street Projects Completed by January 1, 2013
(For FY 12-13 Annual Report only) Provide a summary of all green street projects completed by January 1, 2013.
Summary: The District does not have jurisdiction over streets or other roadways.

C.3.b.v.(1) ►Regulated Projects Reporting
Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information. This table is not applicable to the Santa Clara Valley Water District.

C.3.e.v. ►Alternative or In-Lieu Compliance with Provision C.3.c.				
(For FY 11-12 Annual Report and each Annual Report thereafter) Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?		**Yes**	X	**No**
Comments (optional): The Santa Clara Valley Water District (District) is not the local construction activities permitting agency.				

C.3.e.vi ► Special Projects Reporting				
1. Has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?		**Yes**	X	**No**
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2013 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.		**Yes**	X	**No**
If you answered "Yes" to either question, 1) Complete Table C.3.e.vi below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. The table is not applicable to the Santa Clara Valley Water District.				

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting
(1) Fill in attached table **C.3.h.iv.(1)** or attach your own table including the same information.
(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.
Summary: N/A – The District is not the permitting agency for local building treatment system inspections.
(3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).
Summary: N/A – The District is not the permitting agency for local building activities.
(4) During the reporting year, did your agency:

• Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation?		**Yes**	X	**No**		**Not applicable. No new facilities were installed.**
• Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls?[1]		**Yes**	X	**No**		**Not applicable. No treatment measures**
• Inspect at least 20 percent of the total number of installed vault-based systems?		**Yes**	X	**No**		**Not applicable. No vault systems.**
If you answered "No" to any of the questions above, please explain: The District is not the permitting agency for local building activities.						

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

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

Summary:

N/A – The District is not the permitting agency for local building activities.

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

N/A – The District is not the permitting agency for local building activities.

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

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

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)[2]	Party Responsible[3] For Maintenance	Date of Inspection	Type of Inspection [4]	Type of Treatment/HM Control(s) Inspected[5]	Inspection Findings or Results[6]	Enforcement Action Taken[7]	Comments/Follow-up
Not Applicable	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

C.3.e.vi.Special Projects Reporting Table

Reporting Period – January 1 – June 30, 2013

Project Name & No.	Permittee	Address	Application Submittal Date[8]	Status[9]	Description [10]	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category [11]	LID Treatment Reduction Credit Available[12]	List of LID Stormwater Treatment Systems[13]	List of Non-LID Stormwater Treatment Systems[14]
Not Applicable	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[2] Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.
[3] State the responsible operator for installed stormwater treatment systems and HM controls.
[4] State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).
[5] 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.
[6] State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).
[7] State the enforcement action(s) taken, if any.
[8] Date that a planning application for the Special Project was submitted.
[9] Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.
[10] Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.
[11] For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.
[12] For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.
[13] List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.
[14] List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

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

Program Highlights
Provide background information, highlights, trends, etc.
Not applicable to the Santa Clara Valley Water District.

C.4.b.i. ► Business Inspection Plan				
Do you have a Business Inspection Plan?		**Yes**	NA	**No**
If No, explain: Not applicable to the Santa Clara Valley Water District.				

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.
Not applicable to the Santa Clara Valley Water District.

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.
Not applicable to the Santa Clara Valley Water District.

C.4.c.iii.(1) ►Facility Inspections

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

	NA	Permittee reports multiple discrete violations on a site as one violation.
	NA	Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected	NA	
Total number of inspections conducted	NA	
Number of violations (excluding verbal warnings)	NA	
Sites inspected in violation	NA	NA
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	NA	NA
Comments: Not applicable to the Santa Clara Valley Water District.		

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

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	NA
Potential discharge and other	NA
Comments: Not applicable to the Santa Clara Valley Water District.	

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

Fill out the following table or attach a summary of the following information.
Not applicable to the Santa Clara Valley Water District.

	Enforcement Action (as listed in ERP)[1]	**Number of Enforcement Actions Taken**	**% of Enforcement Actions Taken[2]**
Level 1	NA	NA	NA
Level 2	NA	NA	NA
Level 3	NA	NA	NA
Level 4	NA	NA	NA
Total	NA	NA	NA

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.
Not applicable to the Santa Clara Valley Water District.

Business Category[3]	**Number of Actual Discharge Violations**	**Number of Potential/Other Discharge Violations**
NA	NA	NA

[1] Agencies to list specific enforcement actions as defined in their ERPs.
[2] Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.
[3] 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:
Not applicable to the Santa Clara Valley Water District.

C.4.d.iii ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Not applicable.	NA	NA	NA	NA

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

Program Highlights

Provide background information, highlights, trends, etc.

The District received and responded to a total of 109 emergency response reports throughout Santa Clara County during FY 12-13. This total is down from the 133 reports in FY 11-12. Of the 109 total incidents reported during the last fiscal year, 104 were within the jurisdiction of the San Francisco Bay Regional Board. 99 were actual or potential discharge events. 81 required a field response by a team member or members for general investigation, source identification, multi-agency coordination, and clean up or evidence collection. The District is one of the few Santa Clara County Permittees that has 24-hour availability to conduct storm water pollution investigations. The District staff will, as needed, investigate and collect evidence at a site that can later be transferred to the appropriate jurisdictional authority during the next regularly scheduled business hours. Jurisdictional authority could be our co-permittees, state or federal agencies. The District responded within target field response time 100% of the time for all incidents in FY 12-13.

WATER RESOURCE PROTECTION ORDINANC CODE ENFORCEMENT PROGRAM

In 2012-2013 the District resurrected its Code Enforcement Program. This past year the Community Project Review Unit's Code Enforcement Program processed 195 cases. Of those cases 69 or 35% were for illegal dumping on District property which is predominately creek side. Encroachment violations accounted for 36 or 18% of the cases. 25 or 13% of the cases were for illegal planting of various vegetation types on District property including level access roads. The remaining cases are shared below in a table as well as a pie chart.

ADDITIONAL ACTIVITIES

Members of the Program staff represent the District in the Program's IND/IDDE Ad Hoc Task Group and the BASMAA Municipal Operations Committee. Refer to the C.5 Illicit Discharge Detection and Elimination section of the Program's FY 12-13 Annual Report for a description of activities at the countywide or regional level.

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
24-hour, 7-day per week Pollution Prevention Hotline	The pollution hotline is used to report the presence of hazardous and non-hazardous pollutants that acutely impact or threaten district-owned surface waters.	1-888-510-5151

	1. The caller is greeted by an automated message and asked to record information about the incident 2. The hotline then notifies a district responder to make a return call to the reporting party and assess the information 3. If the situation warrants, district staff investigates further or refers the incident for timely response	

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

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

Description:

The District does not have jurisdiction over these activities. Please refer to the C.5 Illicit Discharge Detection and Elimination section of the Program's FY 12-13 Annual Report for a description of efforts by countywide committees/work group 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:

N/A – The District is not required to have a collection screening program.

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))	109	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	80	73%
Discharges resolved in a timely manner (C.5.f.iii.(3))	109	100%

Comments:

SUMMARY

The District addresses IC/ID incidents effectively through its hazardous materials "Emergency Response" (ER) Program. This

aggressive 24-7 program responds reactively to IC/ID incidents by providing referral and inter-agency cooperation and/or conducting field investigation and clean-up activities as appropriate. The ER Program may be contacted via the Pollution Hotline (1-888-510-5151) which is advertised on the District's internal and external websites as well as in occasional fliers, countywide mailers and various memos. The Hotline is also advertised on the Santa Clara Valley Urban Runoff Pollution Prevention Program's website. The ER Team routinely responds to over 100 reported incidents per year as reported by District field workers, staff from other agencies, and members of the general public.

Incidents were sorted into cases of actual, potential, or no discharge. When pollutants were contained within a securely lidded container, these data were considered "potential" discharges as they had been prevented from reaching storm drains/receiving waters. Incidents were classified as "no discharge" if responders were unable to confirm physical evidence of a discharge. All other incidents were considered to fall under the definition of "actual" discharge as defined by the Industrial/Commercial Site Controls Ad Hoc Task Group (organized under SCVURPPP): "an active non-storm water discharge or clear evidence of a recent discharge". Of the 109 reports logged in FY 12-13, there were 5 instances in which insufficient information was provided to determine discharge type and location. 99 of the remaining 104 reports were classified as "actual" or "potential" discharges. 5 of these "actual" or "potential" discharges were considered allowable discharges.

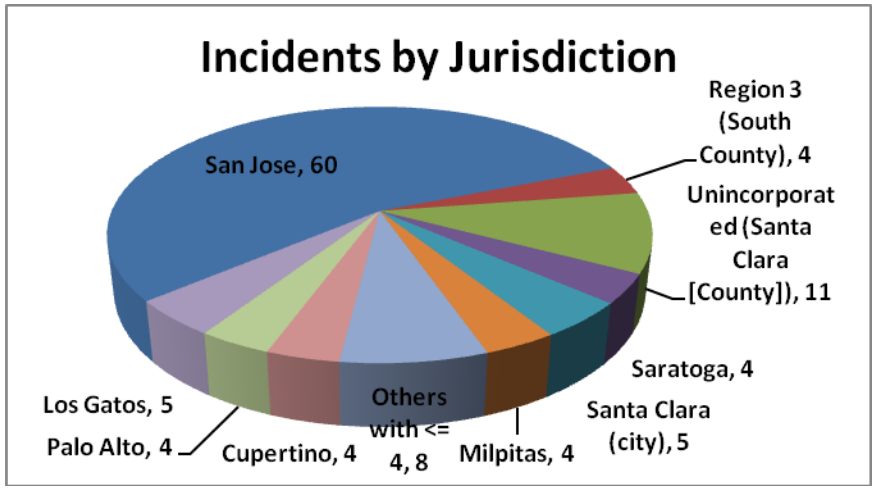
In 2012-2013 the District resurrected its Code Enforcement Program. This past year the Community Project Review Unit's Code Enforcement Program processed 195 cases. Of those cases 69 or 35% were for illegal dumping on District property which is predominately creek side. Encroachment violations accounted for 36 or 18% of the cases. 25 or 13% of the cases were for illegal planting of various vegetation types on District property including level access roads. The remaining cases are shared below in a table as well as a pie chart.

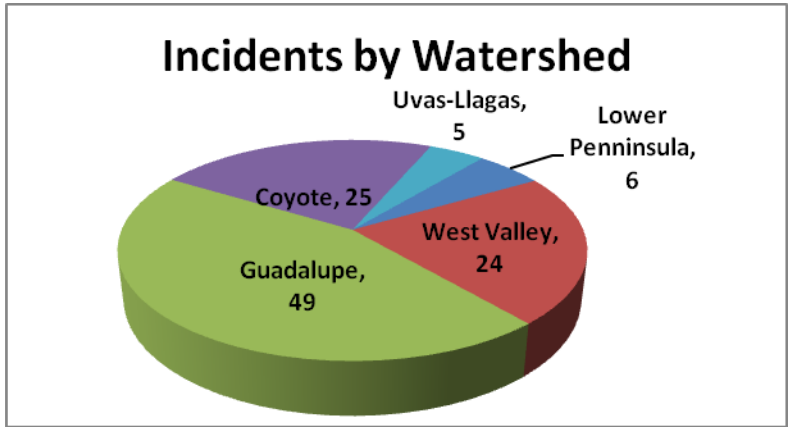
PROGRAM EVALUATION

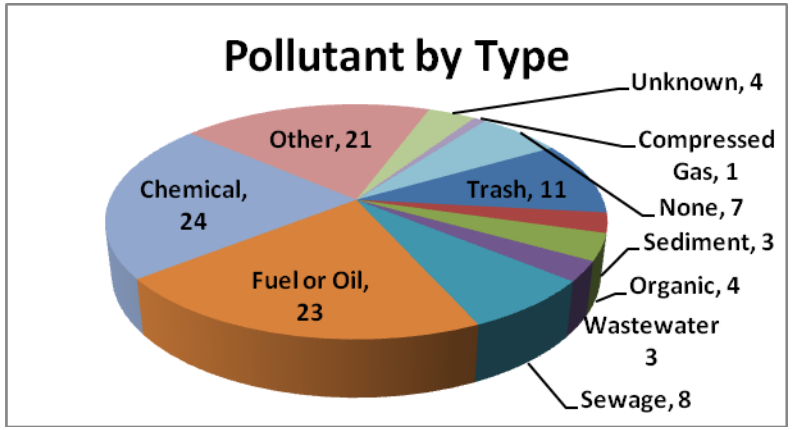
The ER Program is recognized as an effective and timely means of addressing acute contaminants that are illegally dumped or discharged to District waterways, reservoirs, lands and facilities. The Emergency Response Program's performance was evaluated by three mechanisms during FY12-13: (1) within the context of the District's Clean, Safe Creeks program (semi-annually); (2) by an external ISO 9000/14000 surveillance audit; and (3) by submission of the previous Annual Report to the RWQCB. The results of these evaluations were as follows: (1) the Clean, Safe Creeks key performance indicator was met; (2) the ER Program passed the quality and environmental surveillance audit of date according to ISO 9000 and 14000 standards; and (3) the RWQCB did not find any deficiencies in the ER Program as reported in the previous Annual Report.

The District's Code Enforcement Program processed 195 cases. Of those cases many received violation notification letters that led to the majority of cases being resolved.

C.5.f.iii.(4) ►Summary of major types of discharges and complaints
Provide a narrative or attach a table and/or graph.
Comments: The following charts illustrate reported incidents by jurisdiction, watershed, and pollutant type. As would be expected of the largest city in both area and population, the City of San Jose and the Guadalupe Watershed had the most reports of incidents. Overall, chemical, fuel and oil, and "other" accounted, respectively, for the three most common pollutant types. "Other" consists of such pollutants as car batteries, aerosol cans, paint, turbid runoff, chlorinated water, and human blood.

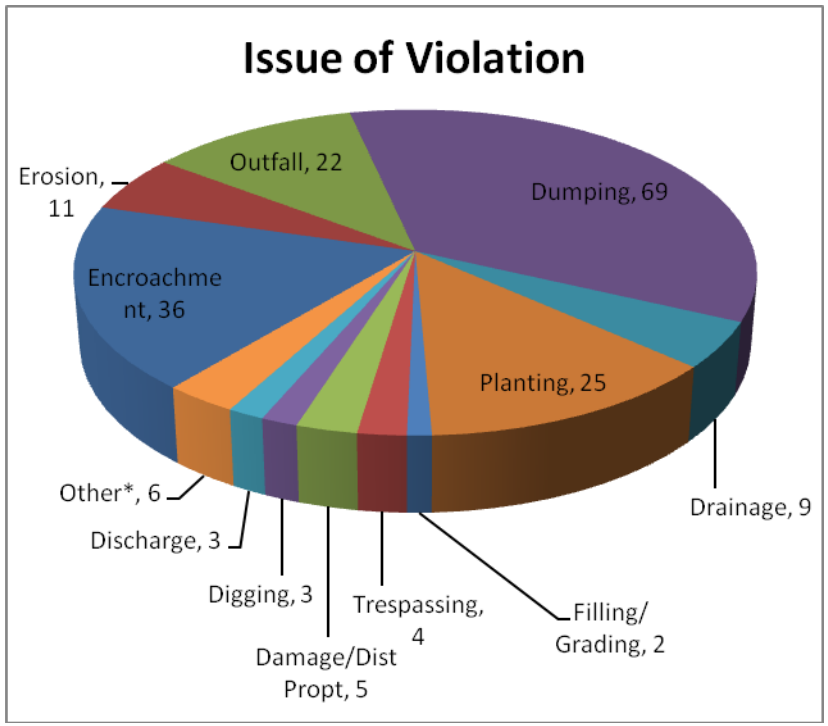






Code Enforcement Table and Pie Chart

Violation Issues	***Number***	***%***
Encroachment	36	18%
Erosion	11	6%
Outfall	22	11%
Dumping	69	35%
Drainage	9	5%
Planting	25	13%
Filling/Grading	2	1%
Trespassing	4	2%
Damage/Dist Property	5	3%
Digging	3	2%
Discharge	3	2%
Other*	6	3%
Encroachment	36	18%
	195[t]	100%



*Other = Trash, Spraying Herbicides, Noise, Cost-Share Denial, Paint-Sprayed, Cutting Trees
[t]Three incidents noted multiple issues for the violation. Total number of violations: 192.

C.5.f.iii - Spill and Discharge Complaint Tracking

Spills and Discharges	Number	Percentage
Discharges reported (C.5.f.iii.(1))	109	100%
Actual or potential discharges reported	99	91%
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	80	73%
Discharges resolved in a timely manner (C.5.f.iii.(3))	109	100%
Insufficient information to conduct investigation	5	5%

	Number
within SFB Water Board	104
On-site visit not needed (Urgency = "NA")	28
On-Site visit needed	81

Types of discharges and complaints	Number	Percentage
Abandoned drum discharge	1	1%
Accidental spill	10	9%
Allowable discharge	5	5%
Carpet cleaning discharge	0	0%
Complaint not found	5	5%
Conditionally Exempt Discharge	0	0%
Construction Debris	0	0%
Cooling water discharge	0	0%
Dewatering	0	0%
Dumping - hazardous	16	15%
Dumping - non-hazardous	9	8%
Dumpster discharge	0	0%
Equipment cleaning	0	0%
Food Facility Oil and Grease Discharge	0	0%
Grey water discharge	0	0%
Illicit connections	0	0%
Landscape material dumping	1	1%
Material Storage	0	0%
Misc. incidents	35	32%
Paint discharge	3	3%
Pools, Spa, or Fountain discharge	1	1%
RV Waste discharge	0	0%
Sanitary Sewage Spill	10	9%
Saw cutting slurry discharge	0	0%
Surface cleaning discharge	0	0%
SWIDs	0	0%
Tracking soil	0	0%
Unhardened cement discharge	1	1%
Used oil dumping	1	1%
Vehicle and Equipment Leak	5	5%
Vehicle repair	0	0%
Vehicle washing	0	0%
Water line breaks	6	6%
	109	100%

Pie Chart Data

Incidents by Jurisdiction	Number	Percentage
Campbell	3	3%
Cupertino	4	4%
Gilroy	2	2%
Los Altos	0	0%
Los Altos Hills	1	1%
Los Gatos	5	5%
Milpitas	4	4%
Monte Sereno	0	0%
Morgan Hill	2	2%
Mountain View	1	1%
Palo Alto	4	4%
San Jose	60	55%
Santa Clara (city)	5	5%
Santa Clara (county)	11	10%
Saratoga	4	4%
Sunnyvale	3	3%
Unincorporated Uvas-Llagas (overlaps with other jurisdictions)	5	

San Jose	60
Region 3 (South County)	4
Unincorporated (Santa Clara [County])	11
Saratoga	4
Santa Clara (city)	5
Milpitas	4
Others with ≤ 4	8
Cupertino	*4*
Palo Alto	*4*
Los Gatos	*5*

Others with ≤4 = monte sereno, los altos hills, los altos, mountain view, sunnyvale, cambell.

Incidents by Watershed	Percentage	Number
Lower Penninsula	6%	6
West Valley	22%	24
Guadalupe	45%	49
Coyote	23%	25
Uvas-Llagas	5%	5
	100%	109

Pollutant by Type	Percentage	Number
Trash	10%	11
Sediment	3%	3
Organic	4%	4
Wastewater	3%	3
Sewage	7%	8
Fuel or Oil	21%	23
Chemical	22%	24
Other	19%	21
Unknown	4%	4
Compressed Gas	1%	1
None	6%	7
	100%	109

Section 6 – Provision C.6 Construction Site Controls

Program Highlights and Evaluation
Highlight/summarize activities for reporting year:

PROGRAM EVALUATION

Stormwater violations are being handled in a timely manner in a timely fashion.

In 2012-2013 the Construction Administration Unit made a number of improvements for the stormwater inspection program.

Two supervisors attended the 3 day QSD/QSP training which brings the total too 4 out of 14 staff in the Construction Administration Unit with this level of training. In addition the Unit Manager hired an Engineering Student Intern to maintain the construction inspection table. With these modifications the stormwater pollution prevention awareness in the unit is improving.

During the September 2013 construct inspection training the DVD titled "Municipal Storm Water Pollution Prevention Best Management Practices" by Excal Visual will be shown. This video has been well received by our facilities staff and our Water Utility Discharge Staff.

HIGHLIGHTS AND ACCOMPLISHMENTS

The District has two staff that are state certified Qualified SWPPP Developer (QSD)/Qualified SWPPP Practitioners (QSP). Construction Services Unit has two (2) staff who have completed QSP/QSD training and two (2) staff who have completed QSP training. There are currently 14 construction field staff in the Construction Services Unit.

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

Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	**Number of sites disturbing ≥ 1 acre of soil** (C.6.e.iii.1.b)	**Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more)** (C.6.e.iii.1.c)
0	5	28
Comments:		

C.6.e.iii.1.d ►Construction Activities Storm Water Violations

BMP Category	Number of Violations[1] excluding Verbal Warnings	% of Total Violations[2]
Erosion Control	0	0%
Run-on and Run-off Control	0	0%
Sediment Control	0	0%
Active Treatment Systems	0	0%
Good Site Management	1	100%
Non Stormwater Management	0	0%
Total[3]	1	**100%**

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

	Enforcement Action (as listed in ERP)[4]	Number Enforcement Actions Issued	% Enforcement Actions Issued[5]
Level 1[6]	Verbal Warning	12	92%
Level 2	Written Warning	1	8%
Level 3	Administrative Action	0	0%
Level 4	Stop Work Order	0	0%
Total		**13**	**100%**

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

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

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

[4] Agencies should list the specific enforcement actions as defined in their ERPs.

[5] Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

[6] For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.1.f, g ►Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.f)	2
Number of sites with discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.g)	2

C.6.e.iii.1.h, i ►Violation Correction Times

	Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	1	100%[7]
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0%[8]
Total number of violations (excluding verbal warnings) for the reporting year[9]	1	100%
Comments:		

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

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
Description: This year the District had 13 violations reported during construction site inspections

[7] Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.
[8] Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.
[9] The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions. I.e., This assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

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

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

Description: The District continued to use the monthly inspection sheet developed in FY 02-03, and updated in FY 2010-2011 to facilitate compliance and follow up inspections.

Construction Inspection Unit continues to use the Incident Response/Pollution Prevention Hotline to contact District Pollution Prevention staff to report construction sites that are creating discharges.

In FY 12-13, the District had 7 Capital Improvement Projects (CIP) under construction that included flood protection/channel improvement projects. A table showing the inspections completed is included with this section.

C.6.f ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Qualified SWPPP Practitioner	Apr 22-23, 2013 Jun 26-27, 2013	QSP Training	2	20
Annual Stormwater Permit Training	Dec 19, 2012	Stormwater inspection requirements for General Permit and Municipal Regional Permit	10	100

Site Name (WDID No.)	Contract No, Project No.	Notice to begin work date	Notice of Contract Completion	Completion of Site Work	Site Disturbs 1 Acre of Soil or more	Risk Level	Inspection Month	Date Inspection Complete	Inspector	Weather During Inspection	Rainfall w/runoff since last inspection	Enforcement	Problems Observed							Specific Problems	Resolution	Problem Corrected w/in 10 Days or otherwise in timely manner	Problem Corrected After 30 Days	Comments/Rationale for Longer Compliance Time
													Erosion Control	Run-on & Runoff	Sediment Control	Active Treatment	Good Site Management	Non-Stormwater Management	Illicit Discharge					
Upper Guadalupe River Reach 6 Project (WDID No. 2 43C357860)	C0556 26154002	4/13/2010	9/11/2012	8/16/2012	Yes	2	July		S. I.															
							August		S. I.															8/16 Site Work Completed
							September		S. I.															9/11 Contract Completed
							October																	Construction Complete
							November																	Construction Complete
							December																	Construction Complete
							January																	Construction Complete
							February																	Construction Complete
							March																	Construction Complete
							April																	Construction Complete
							May																	Construction Complete
							June																	Construction Complete
Pacheoco Pumping Plant ASD Replacement	C0557 91954001	3/8/2010	Active Site	Active Site	No	N/A	July																	Construction Site Inactive
							August																	Construction Site Inactive
							September																	Construction Site Inactive
							October																	Construction Site Inactive
							November	11/16/2012	J. L.			No Action									No Problem Found			Contractor Remobilized
							December	12/12/2012	J. L.			No Action									No Problem Found			
							January	1/8/2013	J. L.			No Action									No Problem Found			
							February	2/15/2013	J. L.			No Action									No Problem Found			
							March	3/12/2013	J. L.			No Action									No Problem Found			
							April	4/9/2013	J. L.			No Action									No Problem Found			
							May	5/13/2013	J. L.			No Action									No Problem Found			
							June	6/17/2013	J. L.			No Action									No Problem Found			
Lower Silver Creek Flood Protection and Restoration Project, Reaches 4, 5 & 6A (WDID No. 2 43C360085)	C0564 40264008	10/01/2010	Active Site	Active Site	Yes	3	July	7/10/2012	J. L.		No	Verbal Warning			x					SD inlet at Story Rd. & SD Inlet near east side Capitol in need of maintenance; Control of water disrupted at West Capitol Channel, Power lost to pumps. 7/12 - 7/23 Inspector A. M.: DI at Mervyns Lane needs to be addressed, informed contractor on 7/12, 7/16, 7/17, 7/19 7/30 Inspector S. I. : Contractor needs to control dust more effectively	Problem Fixed	x		7/23 Contractor agreed to sweep entrance much more often due to steepness preventing installation of more rock 7/30 Inspector S. I. : Informed one of the Contractor's workers to control dust more effectively. He had their water truck water area more frequently in the p.m.
							August	8/14/2012	J. L.			No Action									No Problem Found			
							September	9/12/2012	S. I.			Verbal Warning					x		x	9/4 Inspector R.C.: Cemex truck washed out on dirt access road instead of designated washout location R.C. 9/17 Inspector J.L.: At 9:30 +/-, turbidity was noticeably bad at Contractor diversion pipe outlet down stream from West Capitol site. It was concluded that the sediment was not generated from Contractor's site. Water was rechecked at 1:30 pm +/- and was clear.	Problem Fixed	x		
							October	10/2/2012	J. L.		No	Verbal Warning					x			10/12 It was noticed this morning at 7:30 am +/- 1 of 2 north bound lanes at Jackson Ave. were closed and north bound traffic was backed up to Story Road. 10 Wheel end Dumps were also noticed at this site at the same time mentioned above (30' End Dumps used to off haul spoil from excavation as described)	Problem Fixed	x		10/12 Called Craig (R&L - Foreman) informed him of this potential contract specificaiton violation. Craig informed me he would correct this issue and was not aware of the requirement per specifications.
							November	11/2/2012	J. L.			Written Warning					x			11/2 Inspector R.C.: RLB is non-compliant with SWPPP for winterizing project correctly from East Capitol to Story Road.	Problem Fixed	x		
							December		M. R.															Construction Site Inactive to allow channel functionality during rainy season
							January		M. R.															Construction Site Inactive to allow channel functionality during rainy season
							February	2/28/2012	F. P.			Verbal Warning	x	x	x		x			2/28 Inspector F.P.: Lyndale bridge at end of cul-de-sac - broken gravel bags at D.I. Story road staging area - small soil stockpile is uncovered. Other notes: 1) Jackson Ave. - a) D/S So. Bank temp fence is excessively leaning and is a security issue for the channel. b) D/S northside back of walk at edge of driveway, a large pothole is partially exposed and poses a public safety concern. 2) Dobern Bridge - a) Multiple sections of PVC conduit are in the creek. b) CL fabric on north 3' gate needs to be secured 3) Capital Expwy - a) Several material stockpiles along Mervyn's Way are uncovered and uncontained (may belong to SC co.) b) U/S ramp area, misc. construction materials (i.e. multiple portable equip. pads) may be within channel limits. 4) Lyndale Bridge - Temp creek diversion piping reminaing within the channel 5) General housekeeping to pick up and dispose of mis. loose trash needed at all main work locations.	Need More Time			2/28 Inspector F.P.: No active construction activities until late april. Contractor will conduct bio survey prior to being work.
							March		M. R.															Construction Site Inactive to allow channel functionality during rainy season
							April		M. R.															Construction Site Inactive to allow channel functionality during rainy season
							May	5/3/2013	F. P.			Verbal Warning	x	x	x		x			5/3 Inspector F.P. U/S Capital Expresway, need sediment control between end of 30" creek diversion pipe and coffer dam where soil has been disturbed below TOB. D/S Jackson & Story Road staging area - soil stockpile sare unconvered. Did not see any mechanisms in place to control run-on from local outfalls, D/S Capitol Expressway, west edge of frontage road - loose gravel and sediment need to be swept. Other Notes: 1.) Jackson Ave. a) D/S So. bank, temp fence is excessively leaning and is a security issue for the channel. b) D/S north side back of walk at edge of driveway, a large pothole is partially exposed and poses a public safety concern 2.) Dobern Bridge - a.) Multiple sections of PVC pipe are in the creekand accumulating debris b) trash at D/S north end of bridge needs to be picked up and disposed 3.) Capital Expressway - Several material stockpiles along Mervyn's Way are uncovered an uncontaine (may belong to SC Bo.) 4.) N. Bubb ck. - Area has recently been distrubed. Sediment Controls needed. 5.) General housekeeping to pick up and dispose of mis. loose trash needed at all main work locations.	Need More Time			5/3 Inspector F.P.: Bird nesting survey was performed at planned worksites prior to begin work.
							June		M. R.															
South Bay Advanced Recycled Water Treatment Facility Project (WDID No. 2 43C360022)	C0567 91184008	10/21/2010	Active Site	Active Site	Yes	3	July	7/2/2012	C. H.			No Action									No Problem Found			
							August	8/1/2012	C. H.			No Action									No Problem Found			
							September	9/6/2012	C. H.			No Action									No Problem Found			
							October	10/1/2012	C. H.			No Action									No Problem Found			
							November	11/7/2012	C. H.			No Action									No Problem Found			
							December	12/3/2012	C. H.			No Action									No Problem Found			
							January	1/7/2013	C. H.			No Action									No Problem Found			
							February	1/31/2013	C. H.			No Action									No Problem Found			
							March	3/10/2013	C. H.			No Action									No Problem Found			
							April	4/3/2013	C. H.			No Action									No Problem Found			
							May	4/30/2013	C. H.			No Action									No Problem Found			

Site Name (WDID No.)	Contract No, Project No.	Notice to begin work date	Notice of Contract Completion	Completion of Site Work	Site Disturbs 1 Acre of Soil or more	Risk Level	Inspection Month	Date Inspection Complete	Inspector	Weather During Inspection	Rainfall w/runoff since last inspection	Enforcement	Erosion Control	Run-on & Runoff	Sediment Control	Active Treatment	Good Site Management	Non-Stormwater Management	Illicit Discharge	Specific Problems	Resolution	Problem Corrected w/in 10 Days or otherwise in timely manner	Problem Corrected After 30 Days	Comments/Rationale for Longer Compliance Time
							June	6/3/2013	C. H.			No Action									No Problem Found			
PWTP Maintinence Building Project	C0574 93234031	11/22/2011	5/14/2013	2/16/2013	Yes	N/A	July	7/19/2012	S. A.			No Action												
							August	8/14/2012	S. A.			Verbal Warning			x					CSJ requested inlet be protected in flat concrete area	Problem Fixed	x		Item mentioned at weekly meeting, Aztec to get (2) bag protectors. Inlets do not flow to water course - it flows to district onsite basins.
							September	9/11/2012	S. A.			Verbal Warning	x							Per CSJ, need to cover dumpster	Problem Fixed	x		9/13 Aztec installed bungee cords and plastic tarps
							October	10/2/2012	S. A.			No Action									No Problem Found			
							November	11/13/2012	S. A.			No Action									No Problem Found			11/1 Inspection Following Rain Event; Erosion control blanket & hydroseed already in place
							December	12/13/2012	S. A.			No Action									No Problem Found			
							January		S. A.															
							February		S. A.															2/16 Site Work Completed
							March																	Construction Complete
							April																	Construction Complete
							May																	Construction Complete
							June																	Construction Complete
Lower Silver Creek Flood Protection and Restoration Project, Reaches 5C & 6A (WDID No. 2 43C364694)	C0580 40264008	5/14/2012	Active Site	Active Site	Yes	2	July		T. G.															
							August	8/10/2012	T. G.	Clear		Verbal Warning						x		8/10 Exhaust from portable generator very bad, asked Proven several times prior few days to turn off when not in use. Today smoke was coming out. Aske dProven to correct problem due to air quality.	Problem Fixed	x		
							September	9/24/2012	T. G.			Verbal Warning					x			9/24 Noted dust. Advised Joe, water truck had flat tire, no back up dust control. Silt fencing covered with we soils near Story	Problem Fixed	x		9/24 Placed new silt fencing
							October	10/15/2012	S. I.			Verbal Warning							x	10/15 Wheel End Dump early arrival at Jackson Avenue S.I. 10/19 Discovered a small fuel leak at a MQ 25 Generator located upstream of East Capitol J.L.	Problem Fixed	x		10/19 R&L foreman remedied fuel leak J.L.
							November		T. G.															End of Construction Season (to be resumed in approximately May-June)
							December		T. G.															Construction Site Inactive to allow channel functionality during rainy season
							January		T. G.															Construction Site Inactive to allow channel functionality during rainy season
							February	2/28/2013	F. P.			Verbal Warning			x					2/28 Inspector F.P.: SW corner of Murtha/Farringdon - DI screen plugged and needs maintenance. SW corner of Moss Point and Park Lane - DI screen is loose/unattached, should attach or remove	Need More Time			2/28 Inspector F.P.: Contractor is offsite. No active construction activities. Contractor to perform bio survey prior to beginning work.
							March		M. R.															Construction Site Inactive to allow channel functionality during rainy season
							April		M. R.															Construction Site Inactive to allow channel functionality during rainy season
							May	5/3/2013	F. P.			Verbal Warning	x	x	x		x			5/3 Inspector F.P.: Rock entrances need maintenance. Protection for drain inlets at Murtha and Moss Point need to be installed. Work is occuring between Story and Murtha without sediment controls in place. Water entering the site is murky and leaving in the same quality. Did not see any mechanisms in place to contro run-on water from local outfalls. Protection for D.I.s are not in place at Murtha and Moss Point.	Need More Time			5/3 Inspector F.P.: Bird nesting survey has been performed
							June		M. R.															
Upper Guadalupe River Reach 7 Building Demolition and Soil Remediation Project (WDID No. 2 43C365178)	C0585 26154003	11/8/2012	6/10/2013	6/6/2013	Yes	2	July																	Construction Site Inactive
							August																	Construction Site Inactive
							September																	Construction Site Inactive
							October																	Construction Site Inactive
							November																	11/8 Notice to begin work
							December	1/4/2013	G. M.		Yes	No Action									No Problem Found			1/4 Inpsection made after December Rain event. G.M.
							January	1/31/2013	F. P.		Yes	No Action									No Problem Found			1/31 Mothly Inspection, AWR Biologist performed bat nexting survey prior to building demo. AWR to begin bird nesting survey Feb. 13. F.P.
							February	2/28/2013	F. P.			No Action									No Problem Found			2/28 Bat survey completed prior to building demo as specified; Contractor's biologist (C.E.S.) performed bird nest survey on 2/12/13. F.P.
							March	3/28/2013	F. P.			No Action									No Problem Found			3/28 Biologist found hummingbird nest in river area. 50 ft. buffer zone does not enter work area. F.P.
							April																	
							May																	
							June																	6/6 Site Work Completed 6/10 Contract completed

Section 7 – Provision C.7 Public Information and Outreach

Program Highlights and Evaluation
Highlight/summarize activities for reporting year:

PROGRAM EVALUATION

The District serves a community of 1.7 million countywide and has excellent outreach programs to many sectors of the community. Key elements of the District's Public Information and Outreach (PIO) Program include:

- An impressive and popular School Outreach Program
- A growing Adopt-A-Creek Program
- Creek cleanup events supporting citizen participation
- Attendance at community events targeting the general public
- The District's Grant Programs have supported the Our Water Our World Campaign and a "Don't Dump Drugs Down the Drain" pharmaceutical disposal program through the Heart of the Valley-Services for Seniors campaign
- The District also sponsored the "Shaped by Water" museum exhibits which were displayed at the San Jose History Museum.

The District's website continues to be improved to provide updates to the community, including storm water pollution prevention messages. Our on-line maintenance request form empowers citizens to report dumping or waterway-related problems and allows them to send messages to the appropriate watershed staff. The site also includes a link to the Santa Clara Valley Urban Runoff Pollution Prevention Program where other storm water pollution prevention program materials can be found.

The District's educational outreach program serves a diverse population and responds to the needs of the schools throughout the County. Programming is consistent with State standards and regularly integrates messages and issues of other District communications programs. The program provides age-appropriate classroom presentations, teacher in-service training in water education, and tours in order to help children understand and appreciate their local water resources. Classroom presentations include:

- hands-on experiments
- information on watersheds
- urban runoff
- pollution prevention
- flood plains

- conservations tips
- water awareness activities
- flood management
- information about careers in the water industry

Scheduling is conducted on a first-come, first-served basis and provided free to schools in Santa Clara County.

The District uses numerous methods to conduct outreach, including written brochures, radio, newspaper, website, public transportation bus back ads, community events and workshops. The wide variety of outreach methods increases the probability that the messages are being received and understood. Combining all these different methods is very effective at meeting our public education goals. The variety of outreach methods also ensures that many segments of the Santa Clara Valley population are being reached, including residents, businesses, students, as well as people from other locations. The District evaluates the different outreach methods with the use of surveys, evaluation forms and verbal feedback and continuously seeks to improve messages and outreach methods. We work collaboratively with many other agencies and organizations such as SCVURPPP, BASMAA, and the Watershed Watch campaign to conduct outreach and will continue these partnerships in the future.

HIGHLIGHTS AND ACCOMPLISHMENTS

The District water conservation and pollution prevention units staffed 57 outreach events in FY 12-13 and provided brochures for 7 other events when District staff was unavailable.

The District provided significant support for the following citizen involvement events:

National River Cleanup Day and Coastal Cleanup Day – the District chairs Creek Connections Action Group, providing meeting support and supplies, coordinating the site coordinator training and supply pickup meetings, manning the phones on the day of the events and reporting results to the California Coastal Commission on Coastal Cleanup Day. The District also provides pickup and disposal of the collected trash from approximately half the sites of both events.

The District administers the Adopt-A-Creek Program, providing cleanup supplies, assigning adoption areas, and pickup of collected trash.

The District has a very active School Outreach Program that reached 22,651 students from Pre-K to college. District staff

conducted in-classroom presentations and tours at our outdoor classroom facilities:

- Alviso Outdoor Classroom
- Coyote Creek Outdoor Classroom,
- Morley Park/McGlincey Ponds,
- Alamitos Recharge Ponds.

An all-employee Pollution Prevention Week email campaign was conducted September 17-23, 2012. Four emails were sent providing pollution prevention tips. Topics included:

- General pollution prevention week information and proper pesticide use and disposal
- What's My Car's Footprint?
- What's Your Trash Footprint?
- What's Your Sustainability Footprint?

Numerous requests for brochures were received from District employees, as well as many comments about the campaign. This continues to be a good method to present pollution prevention concepts to District employees.

In July 2012, the District sent a countywide mailer to every household in the county, totaling 660,192. The mailer included an article on the proper disposal of left over or unwanted household and garden chemicals. A copy of the mailer is included as Attachment 1.

The District sent a flood safety notice to over 100,000 flood plain residents in November 2012. Although the mailer's main focus is flood preparedness and safety, it also contained articles on healthy creek ecosystems and keeping debris out of creeks. A copy of the mailer is included as Attachment 2.

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

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

Summary:

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

2009-10: 20 %

2010-11: 25 %

2011-12: 15 %

2012-13: 40 %

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

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

Summary:

Not applicable to the District

C.7.b.ii.1 ►Advertising Campaign

The following separate reports developed by SCVURPPP and BASMAA summarize countywide advertising efforts conducted during FY 12-13:

- FY 12-13 Watershed Watch Campaign Annual Campaign Report
- FY 12-13 Watershed Watch Partner Report
- FY 12-13 Watershed Watch Web Statistics Report
- BASMAA Youth Litter Campaign Report

These reports are included within the C.7 Public Information and Outreach section of Program's FY 12-13 Annual Report.

C.7.b.iii.1 ► Campaign Survey

Information on the pre-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the FY 11-12 Annual Report. The Program is planning to conduct a public opinion survey in FY 13-14 to measure changes in public awareness of stormwater pollution prevention issues over the last 5 years.

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

	Survey report attached
X	Reference to regional submittal:

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

The Program participated in the BASMAA Media Relations Project which conducted six pitches. The pitches were on car maintenance, burning holiday gift wrap, reusable lunch boxes, water bottles, hiring an IPM certified PCO, ant control, and summertime reusable/anti-litter tips.

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 12-13:

• FY 12-13 BASMAA Media Relations Final Report

This report is included within the C.7 Public Information and Outreach section of Program's FY 12-13 Annual Report.

C.7.d ►Stormwater Point of Contact

Summary of any changes made during FY 12-13:

No Change.
The District website is www.valleywater.org and the phone number is 408-265-2600. Both the website and the phone number are included in articles in the Flood Mailer and the Countywide Mailer as well as articles in other e-Newsletters and brochures. Another point of contact is the Watershed Watch Campaign hotline (1-866-WATHERSHED) and Watershed Watch Campaign website (www.mywatershedwatch.org). District points of contact are also 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

Program staff, the Watershed Watch consultant, and Co-permittees staffed eleven outreach events in FY 12-13. Events were selected based upon target audience and attendance. Materials distributed at the events included the following: Less Toxic Pest Management fact sheets, "10 Most Wanted Backyard Bugs" brochures, "Don't Plant a Pest" brochure, "You are the Solution to Water Pollution" brochures, "Clean Cars & Clean Creeks" brochure, "Mercury in Fish" brochure, and giveaways (e.g. flyswatters, OWOW magnets, notepads, and temporary tattoos). The flyswatters have the Watershed Watch website and hotline number and the words "The Original Earth-Friendly Pest Control" printed on them. The Campaign also continued using QR codes ("Quick Response" codes) in printed materials. These codes have URLs embedded in them and when scanned with smart phones direct users to specific webpages. This was targeted at people that are reluctant to collect paper materials and only want to look up information online. The beanbag game for children was used at most of the events. Event staff distributed approximately 4,000 outreach materials and giveaways.

Event Details	**Description** (messages, audience)	**Evaluation of Effectiveness**
Name: Pumpkins in the Park Date: October 13, 2012 Location: Guadalupe River Park/Discovery Meadow, San Jose Region: Countywide	Type of Event: Community fair Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control, and proper disposal of HHW.	General Feedback: Good attendance with lots of children and families. This is a great event for educating families with small children. The Bean Bag game was very popular with the kids. Estimated Overall Event Attendance: 13,000-15,000 Number of Brochures/Flyers Distributed: 284

		Number of Giveaways Distributed: 491 Number of Watershed Watch Discount Cards Distributed: 103 Number of kids that played the bean bag game: 360
Name: Haunt the Hollow Date: October 28, 2012 Location: Happy Hollow Park & Zoo at Kelley Park, San Jose Region: Countywide	Type of Event: Halloween Event Audience: Families with children Messages: Stormwater pollution prevention and proper disposal of HHW	General Feedback: The event is small but well attended. Event organizers encouraged attendees to participate in activities at each booth. As a result a lot of children stopped by the booth and played the beanbag game. Estimated Overall Event Attendance: 3,800 Number of Brochures/Flyers Distributed: 43 Number of Giveaways Distributed: 617 Number of Watershed Watch Discount Cards Distributed: 156 Number of kids that played the bean bag game: 524

Event Details	**Description** (messages, audience)	**Evaluation of Effectiveness**
Name: Water Day at History San Jose Date: March 23, 2013 Location: History Park San Jose Region: Countywide	Type of Event: World Water Day Celebration Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control, and proper disposal of HHW.	General Feedback: The event was held for the first time this year and attendance was low. The event was publicized as a park clean up event and did not include many outreach booths. The Program will probably not attend this event next year. Estimated Overall Event Attendance: 100 - 150 Number of Brochures/Flyers Distributed: 51 Number of Giveaways Distributed: 60 Number of Watershed Watch Discount Cards Distributed: 17 Number of kids that played the bean bag game: 43
Name: Mission College Eco Fair Date: April 18, 2013 Location: Mission College Campus, Santa Clara Region: Citywide	Type of Event: BE the Street College event Audience: Young adults, students Messages: Litter Prevention	General Feedback: The event was well organized and a good place to reach young adults. The BASMAA Be the Street photo booth was used at this event and approximately 68 attendees posed for pictures. Estimated Overall Event Attendance: 500-1,000
Name: NVIDIA Corp. Earth Day Event Date: April 19, 2013 Location: NVIDIA, 2701 San Tomas Expwy, Santa Clara Region: Countywide	Type of Event: Corporate event Audience: Information Technology Professionals Message: Stormwater pollution prevention, less-toxic pest control	General Feedback: The event was very well organized. A lot of employees stopped at the booth to ask questions. Estimated Overall Event Attendance: 500-1,000 Number of Brochures/Flyers Distributed: 198 Number of Giveaways Distributed: 118 Number of Watershed Watch Discount Cards Distributed: 64

Name: Spring in Guadalupe Gardens Date: April 20, 2013 Location: Guadalupe River Park and Gardens, San Jose Region: Countywide	Type of Event: Community fair, plant sale. Audience: Families with children, homeowners and gardeners Messages: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.	General Feedback: Good attendance. This is a good event for reaching home gardeners. Estimated Overall Event Attendance: 4,000 Number of Brochures/Flyers Distributed: 253 Number of Giveaways Distributed: 146 Number of Watershed Watch Discount Cards Distributed: 113 Number of kids that played the bean bag game: 44
Name: Watershed Watch “half-off” two hour Car Wash Event Date: May 29, 2013 Location: Capitol Premier Car Wash, 735 Capitol Expressway Auto Mall, San Jose Region: Countywide	Type of Event: Car Wash Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.	General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. Estimated Overall Event Attendance: 55 car washes Number of Brochures/Flyers Distributed: 68 Number of Watershed Watch Discount Cards Distributed: 85
Name: Watershed Watch “half-off” two hour Car Wash Event Date: June 5, 2013 Location: Delta Queen Classic Car Wash, 981 E Hamilton Avenue, Campbell Region: Countywide	Type of Event: Car Wash Audience: Car wash customers Messages: Stormwater pollution prevention, proper car washing.	General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. Estimated Overall Event Attendance: 88 car washes Number of Brochures/Flyers Distributed: 50 Number of Watershed Watch Discount Cards Distributed: 97

Name: Watershed Watch "half-off" two hour Car Wash Event Date: June 12, 2013 Location: Robertsville Classic Car Wash, 5005 Almaden Exp., San Jose Region: Countywide	Type of Event: Car Wash Audience: Car wash customers Messages: Stormwater pollution prevention, proper car washing.	General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. Estimated Overall Event Attendance: 104 car washes Number of Brochures/Flyers Distributed: 104 Number of Watershed Watch Discount Cards Distributed: 122
Name: Festival in the Park Date: June 22, 2013 Location: Hellyer County Park, San Jose Region: Countywide	Type of Event: Community Health Fair Audience: Families with children. Message: Stormwater pollution prevention, less-toxic pest control, and proper disposal of HHW.	General Feedback: Great attendance throughout the whole event. This event is great for reaching Spanish speaking segments of the population. Estimated Overall Event Attendance: 5,000+ Number of Brochures/Flyers Distributed: 318 Number of Giveaways Distributed: 506 Number of Watershed Watch Discount Cards Distributed: 18 Number of kids that played the bean bag game: 256
In addition, the District water conservation and pollution prevention units staffed 35 outreach events and provided literature for 2 events in FY 12-13. Events were selected based upon target audience and attendance. Materials distributed at the events may have included the following: Less Toxic Pest Management fact sheets, "Don't Plant a Pest" brochure, "You are the Solution to Water Pollution" brochures, Adopt-A-Creek Program brochures, National Rivers Cleanup and Coastal Cleanup Days information, Water Conservation information (Water-Wise Gardening, Soil Matters, Mulch), and giveaways (e.g. notepads, temporary tattoos, aerators, hose nozzles). Additionally, brochures are given to groups for their events when District staff is not available to help out.		

Name: Rose, White and Blue Festival Date: July 4, 2012 Location: San Jose Rose Garden, Spring and Taylor Streets, San Jose Region: Community	Type of Event: Festival Audience: Community Message: Stormwater pollution prevention, water conservation.	General Feed Back: Good event. Estimated Overall Event Attendance: 20,000 Number of Brochures Distributed: 205 Number of Giveaways Distributed: 0
Name: Sunnyvale City Center 2nd Annual Green and Healthy Living Fair Date: July 18, 2012 Location: 100 Mathilda Place, Sunnyvale Region: Community	Type of Event: Health Fair Audience: General Public Message: District awareness, water conservation, pollution prevention	General Feed Back: Good event to attend. Estimated Overall Event Attendance: 100+ Number of Brochures and Giveaways Distributed: Not tracked
Name: National Night Out – A community event at our completed flood protection project along Lower Silver Creek Date: August 7, 2012 Location: Mayfair Community Center, 2039 Kammerer Avenue, San Jose Region: Community	Type of Event: Neighborhood Event Audience: Residents Message: Stormwater pollution prevention, water conservation.	General Feed Back: Not a good event to attend. Very little interest in our booth. Estimated Overall Event Attendance: 30 Number of Brochures Distributed: Not tracked Number of Giveaways Distributed: Not tracked
Name: Mobile Home Advisory Commission Date: August 16, 2012 Location: San Jose City Hall, 200 East Santa Clara Street, San Jose Region: Professionals	Type of Event: Commission Meeting Audience: Professionals Message: Stormwater pollution prevention, water conservation.	General Feed Back: Excellent meeting. We were there by invitation. If we are invited back we should attend. Estimated Overall Event Attendance: 40 Number of Brochures Distributed: Not tracked Number of Giveaways Distributed: Not tracked
Name: Campbell Block Party Date: August 25, 2012 Location: Campbell Region: Residents	Type of Event: Block Party Audience: Residents Message: Stormwater pollution prevention, water conservation.	Event not staffed; provided literature only.

Name: District 9 Celebrate Cambrian Festival Date: August 26, 2012 Location: Camden Community Center, San Jose Region: Cambrian Area Residents	Type of Event: Festival Audience: Local Community Message: Stormwater pollution prevention, water conservation.	General Feed Back: Good event to attend. Lots of interest in our booth. Estimated Overall Event Attendance: 1,500 Number of Brochures Distributed: 66 Number of Giveaways Distributed: 142
Name: Upper Guadalupe River, Reach 6 Completion Celebration Date: September 8, 2012 Location: 600 block of Palm Street between McLellan and W. Virginia, San Jose Region: Community	Type of Event: Project completion celebration Audience: Residents Message: Stormwater pollution prevention, water conservation, Landscape irrigation information.	General Feed Back: Small, intimate project completion celebration for neighbors Estimated Overall Event Attendance: 75 Number of Brochures Distributed: 7 Number of Giveaways Distributed: 37
Name: Mountain View Art and Wine Festival Date: September 8-9, 2012 Location: Castro Street, Mountain View Region: Countywide	Type of Event: Festival Audience: General Public Message: District awareness, water conservation, pollution prevention.	General Feed Back: Excellent event. Lots of interest in our booth. Estimated Overall Event Attendance: 150,000 Number of Brochures Distributed:570 Number of Giveaways Distributed: 1,355
Name: Santos Annual Car Show Date: September 9, 2012 Location: Alviso Marina, San Jose Region: Local Residents	Type of Event: Car Show Audience: General Public Message: District awareness, water conservation, pollution prevention.	Event not staffed; provided literature only.
Name: Silicon Valley Watershed Summit Date: September 22, 2012 Location: Foothill College, 12345 El Monte Road, Los Altos Hills Region: Countywide	Type of Event: Watershed Summit Audience: Countywide Message: Stormwater pollution prevention, water conservation.	General Feed Back: Watershed focused summit Estimated Overall Event Attendance: 200 Number of Brochures Distributed: Not tracked Number of Giveaways Distributed: Not tracked

Name: California Native Plant Society Second Annual Garden Symposium: Alternatives to Lawns: Saving water, money and the environment with native plant landscaping Date: September 29, 2012 Location: Foothill College, 12345 El Monte Road, Los Altos Hills Region: Countywide	Type of Event: Symposium Audience: Residents Message: Message: District awareness, water conservation, and pollution prevention.	General Feed Back: Very good event. A lot of interest and questions about our programs. Estimated Overall Event Attendance: 50 Number of Brochures Distributed: Not tracked Number of Giveaways Distributed: Not tracked
Name: United Neighborhoods of Santa Clara County Date: September 29, 2012 Location: San Jose State University, 1 Washington Square, San Jose Region: Business	Type of Event: Business Fair Audience: Business Professionals Message: Stormwater pollution prevention, water conservation.	General Feed Back: The event was well attended. Estimated Overall Event Attendance: 400 Number of Brochures Distributed: 256 Number of Giveaways Distributed: 365
Name: A Taste of Morgan Hill Date: September 29-30, 2012 Location: Downtown Morgan Hill Region: Countywide	Type of Event: Festival Audience: General Public Message: District awareness, water conservation, pollution prevention.	General Feed Back: The event was well attended. Estimated Overall Event Attendance: 40,000 Number of Brochures Distributed: 400 Number of Giveaways Distributed: 625
Name: A Day in the Park Date: October 6, 2012 Location: Lake Cunningham Park, San Jose Region: Countywide	Type of Event: Festival Audience: Residents Message: District awareness, water conservation, pollution prevention.	General Feed Back: The event was well attended. Estimated Overall Event Attendance: 3,500 Number of Brochures Distributed: 352 Number of Giveaways Distributed: 380

Name: Festiv'ALL Date: October 10, 2012 Location: Santa Clara County Fairgrounds, San Jose Region: Countywide	Type of Event: Festival Audience: Residents Message: District awareness, water conservation, pollution prevention.	General Feed Back: The event was well attended. Estimated Overall Event Attendance: 3,000 Number of Brochures Distributed: 179 Number of Giveaways Distributed: 224
Name: Diwali Date: October 13, 2011 Location: Memorial Park, Cupertino Region: Local community	Type of Event: Festival Audience: Residents Message: District awareness, water conservation, pollution prevention.	General Feed Back: The event was well attended. Estimated Overall Event Attendance: 7,000 Number of Brochures Distributed: 362 Number of Giveaways Distributed: 625
Name: Day on the Bay Date: October 14, 2012 Location: Alviso Marina County Park, San Jose Region: Countywide	Type of Event: Festival Audience: General Public Message: District awareness, water conservation, pollution prevention.	General Feed Back: The event was well attended. Estimated Overall Event Attendance: 5,000 Number of Brochures Distributed: 246 Number of Giveaways Distributed: 420
Name: Festival Dia De Los Muertos Date: October 27, 2012 Location: 14271 Story Road, San Jose Region: Countywide	Type of Event: Festival Audience: General Public Message: District awareness, water conservation, pollution prevention.	General Feed Back: Good event. Estimated Overall Event Attendance: 3,000 Number of Brochures Distributed: 159 Number of Giveaways Distributed: 400
Name: Japantown Farmers Market Date: October 28, 2012 Location: 7th Street between Jackson and Taylor, San Jose Region: Local community	Type of Event: Farmer's Market Audience: Local Residents Message: District awareness, water conservation, pollution prevention.	General Feed Back: Small, intimate event. Good interest in our booth. Estimated Overall Event Attendance: 300 Number of Brochures Distributed: 63 Number of Giveaways Distributed: 45

Name: Rinconada Water Treatment Plant Open House Date: November 3, 2012 Location: 400 More Avenue, Los Gatos Region: Countywide	Type of Event: Tour/Open House Audience: General Public Message: District awareness, water conservation, pollution prevention.	General Feed Back: Great attendance; lots of interest. Estimated Overall Event Attendance: 200 Number of Brochures Distributed: 342 Number of Giveaways Distributed: 179
Name: Santa Visits Alviso Date: December 15, 2012 Location: Alviso Region: Alviso Residents	Type of Event: Holiday event for Alviso youth/families Audience: Alviso Youth and Families Message: District awareness, water conservation, pollution prevention.	General Feed Back: Good event for small local event. Estimated Overall Event Attendance: 800 Number of Brochures Distributed: 0 Number of Giveaways Distributed: 600
Name: Science Fair Date: February 28, 2013 Location: Price Middle School, San Jose Region: Price Middle School students and families	Type of Event: Science Fair Audience: Students and families Message: District awareness, water conservation, pollution prevention.	General Feed Back: Small event with good attendance. Lots of interest in our booth. Estimated Overall Event Attendance: 200 Number of Brochures and Giveaways Distributed: 198
Name: History San Jose Water Day Date: March 23, 2013 Location: 1650 Senter Road, San Jose Region: Countywide	Type of Event: Water Festival Audience: Residents Message: District awareness, water conservation, pollution prevention.	General Feed Back: Low attendance but lots of interest. Estimated Overall Event Attendance: 100 Number of Brochures Distributed: 37 Number of Giveaways Distributed: 73
Name: City of Cupertino 2013 Community Earth Day Festival Date: April 6, 2013 Location: Cupertino Civic Center Plaza, 10350 Torre Avenue, Cupertino Region: Residents	Type of Event: Earth Day Festival Audience: Families Message: District awareness, water conservation, pollution prevention.	General Feed Back: Worthwhile event with good, local attendance. Estimated Overall Event Attendance: 1,00 Number of Brochures and Giveaways Distributed: 350

Name: Children's Discovery Museum Date: April 9, 2013 Location: San Jose Region: Countywide	Type of Event: Puppet Shows Audience: Youth and families Message: Stormwater pollution prevention, water conservation.	General Feed Back: Small targeted event for local neighbors. Very well attended. Estimated Overall Event Attendance: 200 Number of Brochures and Giveaways Distributed: 178
Name: Wildflower Run Date: April 14, 2013 Location: Live Oak High School, 1505 E. Main Avenue, Morgan Hill Region: Countywide	Type of Event: Community Run Audience: Youth and families Message: Stormwater pollution prevention, water conservation.	General Feed Back: Good attendance. Estimated Overall Event Attendance: 2,000 Number of Brochures Distributed: 89 Number of Giveaways Distributed: 145
Name: Mission College Eco Fair Date: April 18, 2013 Location: Mission College Campus, Santa Clara Region: Countywide	Type of Event: College Eco Fair Audience: Young adults, students Messages: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW	General Feedback: The event was well organized and a good place to reach young adults. Estimated Overall Event Attendance: 300 Number of Brochures Distributed: 49 Number of Giveaways Distributed: 186
Name: NVIDIA Corp. Earth Day Event Date: April 19, 2013 Location: 2731 San Tomas Expressway, Santa Clara Region: Countywide	Type of Event: Corporate event Audience: Information Technology Professionals Message: Water conservation	General Feed Back: This event is very well organized and a lot of employees stopped at the booth to ask questions. Very interested in getting information. Approximately 200 employees stopped by the booth Estimated Overall Event Attendance: 500 Number of Brochures Distributed: Not tracked Number of Giveaways Distributed: Not tracked

Name: Earth Day Event Date: April 23, 2013 Location: San Jose State University, San Jose Region: Countywide	Type of Event: College Eco Fair Audience: Young adults, students Messages: District awareness, water conservation, pollution prevention	General Feedback: The event was well organized and a good place to reach young adults. Estimated Overall Event Attendance: 300 Number of Brochures Distributed: 67 Number of Giveaways Distributed: 204
Name: Spring in Guadalupe Gardens Date: April 20, 2013 Location: Guadalupe Gardens, San Jose Region: Countywide	Type of Event: Earth Day Event Audience: Gardeners, Families, General Public Message: District awareness, water conservation, pollution prevention	General Feed Back: Great event for reaching gardeners and families. Estimated Overall Event Attendance: 3,000 Number of Brochures Distributed: 235 Number of Giveaways Distributed: 157
Name: KLA Tencor Earth Day Date: April 23, 2013 Location: KLA Tencor, 1 Technology Drive, Milpitas Region: Countywide	Type of Event: Earth Day Event Audience: Employees Message: District awareness, water conservation, pollution prevention	General Feed Back: Small event, good attendance, lots of interest. Estimated Overall Event Attendance: 50 Number of Brochures and Giveaways Distributed: 75
Name: Open Space Authority's Family Farm Fest Date: May 11, 2013 Location: Coyote Valley Open Space Preserve, Santa Teresa and Palm Avenue, San Jose Region: Countywide	Type of Event: Festival Audience: General Public Message: District awareness, water conservation, pollution prevention	General Feed Back: Very fun event. The water wheel attracted a lot of kids and got them involved in the booth and answering questions. Estimated Overall Event Attendance: 100 Number of Brochures Distributed: 63 Number of Giveaways Distributed: 75
Name: Career Day Date: May 17, 2013 Location: Brownell Middle School, Gilroy Region: Targeted – Sixth Grade Students	Type of Event: Career Fair Audience: Sixth Grade Students Message: Stormwater pollution prevention, water conservation.	General Feed Back: The event was for sixth grade students. Estimated Overall Event Attendance: 65 Number of Brochures and Giveaways Distributed: 53

Name: Water Wizard Festival Date: May 22, 2013 Location: Guadalupe River Park Conservancy, Coleman Road, San Jose Region: Countywide	Type of Event: Festival Audience: Third Grade Students, Teachers and Parents Message: Stormwater pollution prevention, water conservation.	General Feed Back: Festival for third graders, teachers and parent chaperons. Conducted a Where does your water come from" activity that included pollution prevention messages. Estimated Overall Event Attendance: 80 Number of Brochures and Giveaways Distributed: None, learning activity only.
Name: Sunnyvale Art and Wine Festival Date: June 1-2, 2013 Location: Downtown Sunnyvale Region: Countywide	Type of Event: Festival Audience: Families/General Public Message: District awareness, water conservation, pollution prevention.	General Feed Back: Good event. Estimated Overall Event Attendance: 150,000 Number of Brochures Distributed: 179 Number of Giveaways Distributed: 1,100
Name: Juneteenth Date: June 15-16, 2012 Location: Discovery Meadow, San Carlos & Woz Way, San Jose Region: Countywide	Type of Event: Festival Audience: Residents Message: Stormwater pollution prevention, water conservation.	General Feed Back: Good event.. Estimated Overall Event Attendance: 150,000 Number of Brochures Distributed: 54 Number of Giveaways Distributed: 299
Name: Brocade Third Annual Business Fair Date: June 20, 2013 Location: Brocade, 130 Holder Way, San Jose Region: Business	Type of Event: Corporate event Audience: Business Professionals Message: Water conservation, pollution prevention	General Feed Back: The event was held during lunch hour and was well attended. Most employees stopped at the booth to ask questions and take brochures. Estimated Overall Event Attendance: 50-75 Number of Brochures Distributed: Not tracked Number of Giveaways Distributed: Not tracked

C.7.f. ►Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

During FY 12-13, the Program actively supported the Santa Clara Basin Watershed Initiative, including the Steering Committee, the Land Use Subgroup, the Santa Clara Valley Zero Litter Initiative, and the Product Action Subgroup. Information on these efforts is included within the C.7 Public Information and Outreach section of the Program's FY 12-13 Annual Report. The Program also participated in the Bay Area Macro invertebrate Bioassessment Information Network (BAMBI). A description of BAMBI efforts are included in the C.8 Water Quality Monitoring section of the Program's FY 12-13 Annual Report.

C.7.g. ►Citizen Involvement Events

The Program provided funding for the following citizen involvement events:

1) National River Clean up Day – The Program supports the involvement of Santa Clara County citizens by providing advertising support for the National River Clean-up Day.

2) Citizen involvement events at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) – A number of citizen involvement and stewardship programs are conducted as part of the Program funded Watershed Watchers Program at the Refuge. Participants usually work in the Refuge gardens planting native plants, pulling non-native plants, and mulching. More details are included in the Watershed Watchers Report in the Program Annual Report Appendix 7-7.

Event Details	Description	Evaluation of effectiveness
Name: Summer of Service Program Date: 7/12/12, 7/26/12, 8/1/12, 6/27/13 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide	Partnership program between Santa Clara Valley youth groups and the Watershed Watchers program. Youth spend a day at the Refuge and they work in the gardens in the morning and explore the Refuge in the afternoon.	Number of attendees on 7/12/12: 4 elementary school students, 6 middle school students, 2 high school students, and 2 adults. Number of attendees on 7/26/12: 3 elementary school students, 7 middle school students, 3 high school students and 2 adults. Number of attendees on 8/1/12: 4

		elementary school students, 6 middle school students, 2 high school students and 2 adults. Number of attendees on 6/27/13: 12 elementary school students, 2 middle school students, 4 high school students and 3 adults.
Name: Community Service Days Date: 9/25/12, 10/6/12, 11/1/12, 1/12/13, 2/9/13, 2/16/13 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide	This is an open day for the general public. Participants work in the gardens planning native plants, pulling non-native plants, and mulching.	Number of attendees on 9/25/12: 2 pre-K students, 1 elementary student and 1 adult. Number of attendees on 10/6/12: 2 elementary school students and 3 adults. Number of attendees on 11/1/12: 14 elementary school students and 10 adults. Number of attendees on 1/12/13: 7 elementary school students and 4 adults. Number of attendees on 2/9/13: 2 pre-K students, 6 elementary school students and 6 adults. Number of attendees on 2/16/13: 13 middle school students and 12 adults.
Name: National River Cleanup Day Date: 5/18/13 Location: Various locations throughout the County Focus: Countywide	In FY 12-13, the Creek Connection Action Group sponsored two creek clean-up events: Coastal Clean-up Day on September 15, 2012 and National Rivers Clean-up Day on May 18, 2013. The Program provided funding for the National Rivers Clean-up Day advertising.	On National River Cleanup Day, a total of 834 volunteers participated in cleaning 38 sites and removed approximately 15,798 pounds of trash and 2,556 pounds of recyclables from creeks.

In addition, the District provided significant support for the following citizen involvement events:

1) National River Cleanup Day – The District chairs the Creek Connections Action Group, providing meeting support and supplies, coordinating the Site Coordinator Training and supply pickup meeting and manning the phones on the day of the event. The District also provides pickup and disposal of the collected trash from approximately half the sites.
2) Coastal Cleanup Day – The District chairs the Creek Connections Action Group, providing meeting support and supplies, coordinating the Site Coordinator Training and supply pickup meeting, manning the phones on the day of the event and reporting results to the California Coastal Commission. The District also provides pickup and disposal of the collected trash from approximately half the sites.
3) Adopt-A-Creek Program – The District administers the Adopt-A-Creek Program, providing cleanup supplies and pickup of collected trash. A list of partner cleanups is attached as Table 7-1.

Event Details	Description	Evaluation of effectiveness
Name: Coastal Cleanup Day Date: 9/15/12 Location: 43 locations throughout Santa Clara County Focus: Countywide	Creek Connections Action Group sponsored Coastal Cleanup Day on September 15, 2012. The District chairs CCAG, providing meeting support and supplies for the cleanup.	A total of 1,748 volunteers participated in cleaning 43 sites and removed approximately 34,803 pounds of trash and 9,774 pounds of recyclables from 77.28 miles of creeks.
Name: National River Cleanup Day Date: 5/18/13 Location: 38 locations throughout Santa Clara County Focus: Countywide	Creek Connections Action Group sponsored National River Cleanup Day on May 18, 2013. The District chairs CCAG, providing meeting support and supplies for the cleanup.	A total of 834 volunteers participated in cleaning 38 sites and removed approximately 15,798 pounds of trash and 2,556 pounds of recyclables from 52.2 miles of creeks.
Adopt-A-Creek Program Date: Ongoing Location: 107 locations throughout Santa Clara County Focus: Countywide	There are currently 107 partners that clean their section of the creek a minimum of twice a year.	Volunteer efforts reduce the resources the district expends towards keeping our creeks clean.

C.7.h. ►School-Age Children Outreach

Outreach to school-age children is implemented through ZunZun assemblies at local elementary schools and the "Watershed Watchers" program at the Environmental Education Center at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) in Alviso. The Program sponsors up to 50 ZunZun assemblies at elementary schools in Santa Clara Valley and funds an Interpretive Specialist position at the Refuge for conducting activities and programs about watershed and urban runoff pollution prevention. The Fourth Quarter "Watershed Watchers" Report including the End-of-Year summary is included in the Program Annual Report Appendix 7-7. The ZunZun Final Report is included in the Program Annual Report Appendix 7-8.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Name : ZunZun Musical Assembly Grade or level: elementary	Interactive, musical school assemblies educating K-6 children about watersheds and pollution prevention.	15,632 students	ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 206 completed evaluation cards from teachers. Overall, the feedback was positive and indicates an increase in the students' knowledge about watersheds and pollution prevention. A few highlights of the evaluations are: • Thirty-four teachers indicated that after the performance, 25% of their students knew what a watershed was; 33 teachers indicated that 50% of their students knew what a watershed was and 86 teachers indicated that 75% of their students knew what a watershed was. • Fourteen teachers indicated that after the performance, 50% of their students could name a way to prevent pollution in the watershed; 64 teachers indicated that 75% of their students could name a way to

			prevent pollution in the watershed; and 118 teachers indicated that 100% of their students could name a way to prevent pollution in the watershed. The Final Teacher Evaluation Report is included in the Program Annual Report Appendix 7-7.
Name: Watershed Watchers Program at Don Edwards Wildlife Refuge in Alviso Grade or level: pre-school, elementary, middle, high school.	The Refuge offers a number of interpretive programs to educate children and youth about preventing urban runoff pollution. These include: Monster Bacteria; Bird Drawing; All About Owls; Explore the Weep; Wildflower Drawing; Why Tides Matter; and Water Water Everywhere.	103 pre-kindergarteners, 1,192 elementary school students, 39 middle school students, and 112 high school students.	Visitor Surveys are used to determine visitor demographics, effectiveness of publicity, and the effectiveness or the Watershed Watchers Program. In addition, an "Urban Runoff Bead Drop" display is used to record actions (e.g., pick up litter, spread the word, take car to car wash) that children promise to do the help keep storm drains clean. Results of both these evaluation mechanisms are summarized in the Watershed Watchers Fourth Quarter Report included in the Program Annual Report Appendix 7-5.
The District has a very active School Outreach Program that reached 22,651 students from Pre-Kindergarten to college. District staff conducted in-classroom presentations and tours at outdoor classroom facilities: Coyote Creek Outdoor Classroom, Morley Park/McGlincey Ponds and Alamitos Recharge Ponds. A table of students reached is included in Table 7.2. The District's School Outreach Year-end Report is included in Table 7.3.			
Name: Santa Clara Valley Water District School Outreach Program	The District offers classroom presentations that are correlated to State Standards for grades Pre-Kindergarten through College. Topics covered include: water conservation, water quality, pollution prevention, water sources, watersheds, stewardship	Number of educators reached: 974 Number of classes reached: 693 Number of students reached:	Teacher surveys are used to determine effectiveness of the program and provide input for changes.

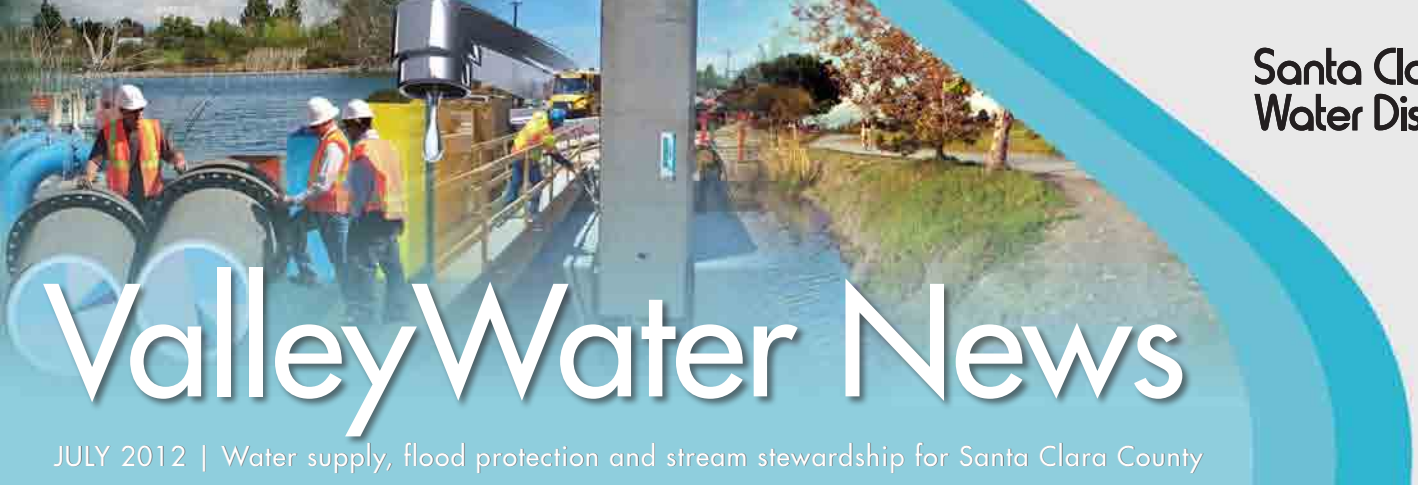
	and flood safety.	22,651 Pre-Kindergarten 2,305 Kindergarten 2,128 First 3,498 Second 2,752 Third 3,879 Fourth 827 Fifth 2,120 Sixth 645 Seventh 180 Eighth 180 High School 323 Multi-Grade 3,621 College 163 Adults 30	

C.7.i. ►Outreach to Municipal Officials

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

Summary:

The District Urban Runoff Program has made two presentations to the Board of Directors on the MRP since its inception. The District Urban Runoff Program has made a presentation to the Board of Directors on the Clean Creeks Healthy Communities Grant.



Santa Clara Valley Water District

ValleyWater News

JULY 2012 | Water supply, flood protection and stream stewardship for Santa Clara County

A lean budget focused on core services

The Santa Clara Valley Water District is committed to supplying clean, reliable water, providing flood protection, and protecting and enhancing watersheds in an efficient and effective manner. The Fiscal Year 2013 budget reinforces that commitment.

The budget comprises $220.3 million in net outlays and $64.9 million in capital projects. It focuses on ensuring a clean, reliable water supply; protecting communities from floods; and providing stewardship of the streams. Among the capital projects to be completed in FY 2013 is the multi-million dollar Silicon Valley Advanced Water Purification Center in north San Jose.

The $285.2 million budget is approximately 30 percent less than the $409.6 million budget in FY 2009. It is a culmination of efforts initiated a few years ago to reduce costs, while improving efficiency, effectiveness and optimization throughout the district.

The district has cut 107 positions since 2008. In addition, the district has entered into new contracts with its three bargaining units, saving more than $7.7 million over the three-year agreement period.

FY 2013 budget highlights:

- $27.4 million, or 8.8 percent, reduction from FY 2012
- $2.2 million savings from reduced staffing over FY 2012
- 11.5 percent cut in training-related travel/lodging costs from FY 2012
- 12 scheduled capital projects expected to create 800 to 1,600 local jobs
- $41.4 million expected in external funding

This year's budget has also benefitted from improved forecasting and adaptive planning, which allows us to be more nimble and make adjustments in response to changing capital or operational needs.

The water utility sector is one of the most capital-intensive utility sectors. It is substantially more capital intensive than other regulated industries such as electric, gas and telecom, and about 20 times more capital intensive than the Standard and Poor's 500, says the 2009 Water Research Foundation report "Improving Water Utility Capital Efficiency."

Managing, maintaining and upgrading our county's complex and critical water system infrastructure requires not only highly-skilled staff, but long-term planning. To make sure we can meet our commitments and any emergency costs, the district sets aside reserve funds consistent with industry standards.

Over the next decade, the district will invest about $1 billion on critical infrastructure repairs to prevent any major infrastructure breakdown and ensure a safe and reliable water system. Get more financial information or download a copy of our **"Budget in Brief"** at valleywater.org.

To continually improve our operations, we have implemented a comprehensive management audit program, the results of which ensure that the organization is better positioned to address the major challenges ahead and deliver effective projects that benefit the community.

More inside:


Page 2

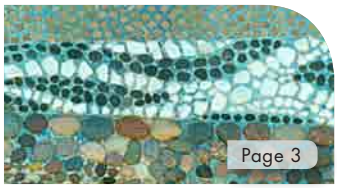
Safe, clean water for our future

The future of our families, neighborhoods and businesses depends on water …


Page 3

Investing in the future of our water supply

Much of the county's water infrastructure was built more than 50 years ago …


Page 3

Protecting our hidden water resource

The groundwater basins are an essential local water resource that the district manages …


Page 4

Transparency and engagement

The district strives to be a transparent, accessible agency that engages the community …

Safe, clean water for our future

The future of our families, neighborhoods and businesses depends on water and how well we manage it.

Since 2000, many of the district's highest priority efforts have been supported by voter-approved local funding that can't be taken away by the state or federal government. That funding is set to expire if voters don't renew it.

To ensure safe, clean water is here in Santa Clara County for years to come, the district has developed the Safe, Clean Water and Natural Flood Protection Plan, a 15-year plan based on input received from approximately 16,000 residents and stakeholders.

The long-term priorities of the plan are to:

- Ensure a safe, reliable water supply for the future
- Reduce toxins, hazards and contaminants, such as mercury and pharmaceuticals in our waterways
- Protect our water supply and local dams from the impacts of earthquakes and natural disasters
- Restore fish, bird and wildlife habitat and provide open space access
- Provide flood protection to homes, businesses, schools, streets and highways

To implement these priorities, the district is considering placing a ballot measure to renew the expiring parcel tax without increasing rates.

Any voter-approved local funding renewal would:

- Require all expenditures be published annually
- Include exemptions for low-income senior citizens
- Require external oversight by an independent monitoring committee
- Help bring in $360 million in federal and state matching funds
- Stimulate our local economy

The community-recommended Safe, Clean Water Plan is now available online at safecleanwater.org for residents to review and provide input. In late July, the district board of directors will review the plan and determine whether to place it on the November ballot for consideration by Santa Clara County voters.

For more information, call Senior Project Manager Luis Jaimes at 408.265.2607, ext. 2576, or e-mail at info@safecleanwater.org.

Water – the lifeblood of our ever-changing region

For more than 80 years, the district has provided the region's residents with this very valuable resource. In response to community needs, its mission has evolved over the decades, from preserving water supply and protecting communities from floods to also becoming staunch environmental stewards. The one thing that hasn't changed is the organization's commitment to the community it serves.

Excessive pumping of groundwater in the early 1900s led to overdraft and land subsidence, causing the land to sink and requiring deeper water wells. In 1929, concerned about subsidence and drying wells, a group of local farmers and business leaders came together to form the first Santa Clara County Water Conservation District. These visionaries formulated an innovative plan to build reservoirs to capture and store rainwater to replenish the groundwater basin.

Recognizing that water is key to having a strong economy and a thriving community, the district built an integrated water system that includes a network of dams, reservoirs, pipelines, treatment plants, groundwater replenishment facilities and a state-of-the-art water quality laboratory.

Protecting homes, businesses and transportation networks from the devastating effects of floods is one of the main jobs of the district, and since the early 1980s we have invested more than $1 billion in flood protection programs throughout Santa Clara County.

The district also continues to show its leadership in stream stewardship and ecosystem restoration. Since 2000, the district has removed over 4,200 pounds of mercury from local streams and the San Francisco Bay; opened access to more than 65 miles of pedestrian friendly trails; and restored more than 569 acres of tidal and creekside habitat.

To learn more about the district and how it has served our bustling and ever-changing region, visit our website valleywater.org.

Stevens Creek Reservoir

Investing in the future of our water supply

Much of Santa Clara County's water infrastructure was built more than 50 years ago and in need of significant investment to meet the region's long-term water needs.

In fact, a crucial part of our infrastructure that requires special attention is the seismic safety of our dams, which are critical water storage facilities and can hold up to one-third of the water consumed in the county each year.

While these facilities were modern when they were built in the 1930s and 50s, the dams are currently undergoing seismic stability evaluations to determine how best to retrofit them using today's scientific knowledge to meet modern engineering standards. Fixing the dams will be expensive, but must be done for public safety and to ensure reliable water storage.

Similarly, investments are needed to protect parcels that still remain flood-prone. Moreover, potentially catastrophic effects of sea-level rise call for actions to shore up the South Bay levees protecting communities from tidal flooding.

Meanwhile, the Sacramento-San Joaquin Delta, which transports about half of our water supply, is in peril because of fragile levees, seismic risks, declining fish and wildlife populations, and climate change.

To meet these challenges, the district is developing long-term plans to ensure we are wisely planning our infrastructure investments.

Protecting our hidden water resource

The groundwater basins are an essential local water resource that the district proactively manages. Groundwater accounts for about 40 percent of our water supply, and approximately 160,000 acre-feet of groundwater is pumped by local water retailers and private well owners each year.

The district monitors the groundwater quality through sampling from a number of deep wells throughout the county. It also ensures proper construction and destruction of wells to prevent contaminants from infiltrating the groundwater basin.

In addition to being an important water supply source, the groundwater basins have vast storage capacity which serves as protection against droughts. It allows the district to store excess water in wet years for use during water shortages. Although groundwater is replenished naturally through rainfall and other sources, this is not sufficient to balance the amount of groundwater pumped out each year.

So, the district manages and maintains almost 400 acres of groundwater recharge ponds to keep the aquifers full and ready for use. Active groundwater management and monitoring also prevents saltwater intrusion in the north part of the county. Get more information at valleywater.org/Services/Groundwater.aspx.

Protecting water quality

As much as 55 percent of Santa Clara County's drinking water supply is imported from the Sierra Nevada watersheds. As water makes its way through the Delta, rivers, creeks, estuaries and lakes, it can get polluted. To ensure a safe and reliable water supply, the district routinely tests water for more than 353 contaminants.

Every year, our state-of-the-art laboratory conducts approximately 140,000 water quality tests on samples gathered from our water treatment plants, reservoirs and our vast regional groundwater basin. The tests confirm the district's treated water meets or exceeds all applicable water quality regulatory standards.

For monthly water quality reports on untreated and treated water or the groundwater, visit valleywater.org/Services/ProtectingYourWater.aspx.

Don't be an accidental polluter

We must all be diligent to prevent pollution from entering our groundwater basin. Don't be an accidental polluter. Read the labels on packages to avoid products that are unsafe for the bays, our local creeks and the water beneath our feet.

Disposal of left over or unwanted household and garden chemicals is FREE through the County's Household Hazardous Waste Program. Call 408-299-7300 or visit www.hhw.org.

By protecting the groundwater basin, creeks and bays, you are protecting the environment for yourself, your children and future generations.

Visit www.MyWatershedWatch.org for more information.

Santa Clara Valley Water District

5750 Almaden Expressway
San Jose, California 95118
www.valleywater.org

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We speak your language.

Esta publicación contiene información sobre los recursos de agua, la administración del medio ambiente y protección contra inundaciones en el Condado de Santa Clara. Si desea recibir un ejemplar en español, por favor comuníquese con el Distrito de Aguas del Valle de Santa Clara (Santa Clara Valley Water District) al (408) 265-2607, ext. 2881.

Tập tài liệu này gồm có các tin tức về những nguồn cung cấp nước, sự quản lý môi trường và phòng ngừa lũ lụt trong Quận Santa Clara. Để nhận được bản sao của tập tài liệu này bằng tiếng Việt, xin liên lạc Ty Thủy Cục Thung Lũng Santa Clara (Santa Clara Valley Water District) ở số (408) 265-2607, số chuyển tiếp ext. 2632.

Ang publikasyong ito ay naglalaman ng mga impormasyon tungkol sa mga pinagkukunan ng tubig, pangangasiwa ng kapaligiran at proteksiyong pambaha sa Santa Clara County. Para makatanggap ng kopya nito sa Tagalog, pakitawagan ang Santa Clara Valley Water District sa (408) 265-2607, ext. 3714.

此份刊物包含關於聖他克拉拉縣境內的水源、環境管理及防洪資訊。若要取得此份刊物的中文版，請與聖他克拉拉谷水利局聯絡，電話為 (408) 265-2607 轉分機 2631。

ECRWSS
POSTAL CUSTOMER

Transparency and engagement

The district strives to be a transparent, accessible agency that engages the community it serves.

The district's board meetings are open to the public and agendas are posted on the website in advance. The meetings are webcast as well as archived, and can be viewed on the web anytime afterward.

We hold open houses, facility tours and program-related public meetings. Notices are mailed to neighbors to keep them updated on projects taking place near them.

You can submit a question, complaint or a compliment on our Access Valley Water customer service center on our website.

The district offers an award-winning Water Education Program which reaches thousands of young people. It also offers students an opportunity to serve on its Youth Stewardship Commission, which enlists 20 teens from various schools to serve as liaisons to the community and to learn about water resources management and potential careers.

We also offer rebates on high-efficiency clothes washers, toilets and irrigation hardware. Find more at Save20gallons.org.

If you want to personally get involved, the district has nine Board Advisory Committees, as well as volunteer opportunities to help keep our creeks clean of trash.

Join our monthly e-mail newsletter list to get information about:

- Attending our board meetings or watching online
- Applying for an advisory committee or the Youth Commission
- Touring a water treatment plant or other facility
- Attending an open house
- Seeing a documentary film about water
- Participating in creek cleanup events
- Scheduling a water education classroom visit

Stay in touch!

/scvwd

/valleywater

/valleywater

to get eNews, e-mail info@valleywater.org

save20gallons.org

Flooding can happen during intense rainfalls but typically occurs after several days of heavy rain that saturates the ground. It can strike quickly with little or no warning. While the water district's many reservoirs provide some buffer between rainfall and creekflow, most creeks do not have a reservoir and water levels rise quickly during intense rainstorms.

When creeks overbank or flood, the floodwater typically flows swiftly through neighborhoods and away from streams. Dangerously fast-moving floodwaters can flow thousands of feet away from the flooded creek within minutes.

While the chances seem slim for a flood in the 1 percent floodplain (the area designated by the Federal Emergency Management Agency that has a 1 percent chance of flooding in any given year), the real odds of a 1 percent flood are greater than one in four during the length of a 30-year mortgage. Santa Clara County has had several damaging floods over the years, most notably in 1995 and 1997 along the Guadalupe River. Call your city (list at right) or the water district at 408.265.2600 to determine if your property is in a floodplain.

To report street flooding or blocked storm drains, or to contact your local floodplain manager, call:

Campbell	408.866.2145
Cupertino	408.777.3269
Gilroy	408.846.0444
Los Altos	650.947.2785
Los Altos Hills	650.941.7222
Los Gatos	408.399.5770
Milpitas	408.586.2600
Monte Sereno	408.354.7635
Morgan Hill	408.776.7333
Mountain View	650.903.6329
Palo Alto	650.329.2413
San Jose	408.277.4373
Santa Clara	408.615.3080
Saratoga	408.868.1245
Sunnyvale	408.730.7510
Unincorporated	408.299.2507
(After hours emergency)	408.299.2507

To report illegal dumping in creeks, call the Santa Clara Valley Water District Illegal Dumping Hotline (24 hours) 1.888.510.5151.

WHAT TO DO

before

- Prepare a family disaster plan and emergency kit for your home and car with supplies. Store important documents and valuables in a safe deposit box.
- Designate a family meeting spot.
- Examine your property for cracks in foundation, home exterior walls and small openings around pipes. Seal them.
- Gather building materials like plywood, plastic sheeting and sandbags. For sandbags sites, visit www.valleywater.org or call 408.265.2600.
- Construct barriers to stop floodwater from entering the building.
- Keep rain gutters and drainage channels free of debris. Tarp or seed unvegetated slopes on your property.
- Know your neighborhood streams and drainage channel locations. (See "Creeks that flood" on the back)
- Learn how to turn off house utilities. Keep your car's gas tank full.
- Learn the best route to high ground.
- To prepare for floods, purchase flood insurance.

during

- Be aware that flash flooding can occur. If a flood is imminent, avoid low-lying areas and seek shelter in the highest area possible.
- Tune to radio station KCBS (740 AM) for emergency information.
- If advised to evacuate, do so immediately. Turn off utilities at the main switches or valves. Disconnect electrical appliances. Do not touch electrical equipment if you are wet or standing in water. Evacuation is easier and safer before floodwaters become too deep.
- Moving water is dangerous. Six inches of moving water can make you fall. If you have to walk in water, walk where it is not moving. Use a stick to check the firmness of the ground in front of you and to aid in balance.
- Do not drive into flooded areas. If floodwaters rise around your car, abandon the car and move to higher ground. A foot of water will cause many vehicles to float. Two feet of rushing water can carry away most vehicles, including SUVs and pick-ups.

after

- Listen for news reports on whether the community's water supply is safe to drink.
- Avoid floodwaters. Oil, gasoline or raw sewage may have contaminated the water. Underground or downed power lines may also have electrically charged the water.
- Stay away from downed power lines and report them to your power company.
- Return home only when authorities indicate it is safe.
- Never walk, swim, drive or play in floodwater.
- Service damaged septic tanks, cesspools, pits and leaching systems as soon as possible. Damaged sewage systems are serious health hazards.
- Clean and disinfect everything wet. Mud left from floodwater can contain sewage and chemicals.
- Any repairs or improvements greater than 50 percent of a structure's value need to meet National Flood Insurance Program requirements.

MORE INFO...

Healthy creek ecosystems

A healthy stream is an irreplaceable natural resource and a wonderful amenity that can bolster a property's value. Make the most of your local creeks by keeping them healthy. Through proper care of stream banks and riparian (creekside) vegetation, you can enhance your property, prevent erosion problems, avoid flood losses, preserve water quality and contribute to the survival of fish and wildlife. The water district has restored or created more than 345 acres of tidal and/or riparian habitat.

The manual "Guidelines and Standards for Land Use Near Streams" can help creekside property owners large and small to make the right decisions in caring for their property.

Find a copy at www.valleywater.org/Programs/WaterResourcesProtectionCollaborative.aspx

Special permits required in floodplains

Construction within a FEMA designated floodplain may have special permit requirements from your local municipality. Contact your community's building department for more information before you build, grade or fill. If you see building or filling without a permit sign posted, please contact your local community's building department. **Use the contact phone list provided above.**

Keeping debris out of creeks helps water flow

Creeks are a valuable natural resource that support sensitive wildlife and ecosystems and serve as natural drainage systems that carry stormwater away from homes, roads and businesses safely to the bay. For our waterways to carry runoff during heavy rainfall, it is important to keep creeks free of trash and debris, which can impede the flow of water and cause flooding. While most people realize trash and chemicals should not go into a creek, many don't know that yard waste, leaves and soil also pollute a creek and can obstruct water flow, resulting in flooding and erosion. Where we own the creek or have easement, the water district repairs creek banks and levees, removes sediment from creek channels, inspects waterways and cleans up illegally dumped items such as shopping carts, cans and general litter. Many of our streams are habitat for our local endangered species.

Do not dump

It is illegal to dump anything into a creek or storm drain. Help keep the storm drain and flood management systems operating by reporting illegal dumping. Drains in your street flow directly to local creeks. Cities maintain all storm drain systems, the gutters, drains and pipes in the street.

Visit www.valleywater.org
to access our online customer service center

Click on...
Access Valley Water

1. **Choose a topic and subtopic** that matches the subject of your concern.
2. **Select the request type** and describe your request in the field provided.
3. **Submit your request.** (Optionally, you can create an account to track the status of your request.)

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此份刊物包含關於聖他克拉縣境內的水源、環境管理及防洪資訊。若要取得此份刊物的中文版，請與聖他克拉谷水利局聯絡，電話為 (408) 630-2607 轉分機 2631。

For more information, scan the QR code to access us on valleywater.org.

2012 NOTICE

ARE YOU FLOOD SAFE?

You are receiving this notice because your property is in or near a flood hazard area as mapped by the Federal Emergency Management Agency and the Santa Clara Valley Water District.

Do you need flood insurance?

Your basic homeowners insurance does not cover losses from flooding.

The federal government offers disaster assistance in the form of reconstruction loans only in a declaration of a federal emergency. Unlike disaster loans, you won't need to repay money from flood insurance.

Federal law requires flood insurance if you have a federally regulated mortgage and your building is in an area shown on maps prepared by the Federal Emergency Management Agency (FEMA) as subject to flooding during a 1 percent flood event. All communities in Santa Clara County participate in FEMA's National Flood Insurance Program, which means that you can purchase flood insurance to protect your property from the hazards of flooding. Education and other flood-risk reduction efforts like this brochure help to lower your insurance premiums through FEMA's Community Rating System. Lenders are legally responsible for determining if flood insurance is required for a loan, but your city will provide assistance in reading and interpreting the FEMA Flood Insurance Rate Map and provide information about FEMA elevation certificates.

In some cases, FEMA will lift the flood insurance requirement after the completion of flood protection projects. This notice was mailed to all properties that appear on FEMA's maps, some of which have not yet been updated. There can be as much as a 12- to 24-month delay between a project's completion and the update of FEMA's maps.

There is a 30-day waiting period before flood insurance takes effect. Contents coverage is separate, so renters and businesses can insure their belongings. Contents coverage is also available to homeowners separately from the required structural coverage. Securing both policies will cover your building and your belongings in case of a flood. Most insurance agents sell both.

Call 1.888.724.6978 or go online at floodsmart.gov to find a local agent.

Creeks that FLOOD

Adobe Creek
Alamias Creek
Alamitos Creek
Almendra Creek
Barron Creek
Berryessa Creek
Bodfish Creek
Calabazas Creek
Calera Creek
Calero Creek
Canoas Creek
Corralitos Creek
Coyote Creek
Crosley Creek
Deer Creek
Dexter Creek
East Little Llagas Creek
Edmundson Creek
Fisher Creek
Fowler Creek
Gavilan Creek
Golf Creek
Greystone Creek
Guadalupe River
Hale Creek
Heney Creek
Jones Creek
Llagas Creek
Los Coches Creek
Los Gatos Creek
Lower Penitencia Creek
Lower Silver Creek
Loyola Creek
McAbee Creek
Pajaro River
Permanente Creek
Purissima Creek
Quimby Creek
Randol Creek
Ross Creek
San Francisquito Creek
San Martin Creek
San Tomas Aquino Creek
Santa Teresa Creek
Saratoga Creek
Shannon Creek
Sierra Creek
Smith Creek
South Babb Creek
Stevens Creek
Sunnyvale east and west channels
Tennant Creek
Upper Penitencia Creek
Upper Silver Creek
Uvas-Carnadero Creek
Vasona Creek
West Little Llagas Creek
Wildcat Creek

Is this annual mailer helpful?

Let us know by responding to these questions and returning the postage-paid card to the water district.

We are working to better serve you.

Santa Clara Valley Water District

1. Have you come to expect this mailer each year?

- ☐ *Yes. It reminds me that my property is at risk from flooding.*
- ☐ *Sort of. I recall receiving it before.*
- ☐ *No. I'm a new resident/business.*
- ☐ *I've been here for years, but I don't remember receiving it.*

2. What information is the most important to you?

Please rank the following from 1 to 5.
One being most important.

_____ *Tips for protecting property*
_____ *Emergency contacts*
_____ *Flood insurance*
_____ *Illegal dumping*
_____ *Keeping creeks healthy*

3. Do you currently have flood insurance?

- ☐ *Yes*
- ☐ *No. If no, how likely are you to purchase flood insurance within the next year? Check ONE.*
  - ☐ *Very likely*
  - ☐ *Somewhat likely*
  - ☐ *Not likely at all*

4. Overall, how would you rate this annual mailer from the Santa Clara Valley Water District?

- ☐ *Excellent*
- ☐ *Good*
- ☐ *Fair*
- ☐ *Poor*
- ☐ *Don't know/Can't rate*

Cut on dotted line.

Santa Clara Valley Water District

Subscribe!

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to get eNews, email info@valleywater.org

Santa Clara Valley Water District **TABLE 7-1** **Sorted by Creek Name**
2012-13 Adopt-A-Creek Cleanup Events

Creek Name	Reach	Date
Calabazas Creek	Benton Street to Lawrence Expressway	2/23/13
Calabazas Creek	Lawrence Expressway to Lockinvar Avenue	12/16/12
Calabazas Creek	Lochinvar Avenue to Homestead Road	3/16/13
Calabazas Creek	Miller Avenue to Bollinger Road	4/19/13
Calabazas Creek	Bollinger Road to South Blaney Avenue	1/13/13
Calabazas Creek	Bollinger Road to South Blaney Avenue	3/23/13
Calabazas Creek	Blaney Avenue to Rainbow Drive	5/5/13
Calabazas Creek	Rainbow Drive to Highway 85	4/21/13
Calera Creek	Arizona Drive to Escuela Parkway	9/9/12
Canoas Creek	Blossom Hill Road to Santa Teresa Blvd.	2/28/13
Coyote Creek	Ranch Drive to Highway 237	4/26/13
Coyote Creek	Highway 237 to Montague Expressway	4/26/13
Coyote Creek	Silver Creek Valley Road to Silicon Valley Road	4/26/13
Guadalupe Creek	Boone Drive to Coleman Road	11/4/12
Guadalupe Creek	Boone Drive to Coleman Road	4/21/13
Guadalupe River	Highway 880 to Coleman Avenue	12/15/12
Guadalupe River	Coleman Avenue to Julian Street	11/17/12
Guadalupe River	Coleman Avenue to Julian Street	3/16/13
Guadalupe River	Julian Street to Santa Clara Street	6/15/13
Guadalupe River	Branham Lane to Coleman Road	9/30/12
Guadalupe River	Branham Lane to Coleman Road	3/24/13
Guadalupe River	Branham Lane to Coleman Road	4/27/13
Guadalupe River	Branham Lane to Coleman Road	6/2/13
Los Alamitos Creek	Mazzone Drive to Fifewood Court	11/3/12
Los Alamitos Creek	Bret Harte to Camden	9/16/12
Los Alamitos Creek	Bret Harte to Camden	11/3/12
Los Alamitos Creek	Bret Harte to Camden	6/1/13
Los Gatos Creek	South Bascom Avenue to Campbell Avenue	8/6-19/12
Lower Silver Creek	King Road to McKee Road	5/22/13
Lower Silver Creek	McKee Road to the end of Calle de Plata	9/19/12
Lower Silver Creek	Tully Road to Norwood Creek	4/27/13
McClelland Perc Ponds	McClelland Road to Bubb Road	3/19/13
Oka Lane Perc Ponds	Highway 880 to Mozart Avenue	10/7/12
Oka Lane Perc Ponds	Highway 880 to Mozart Avenue	3/24/13
Randol Creek	Rajkovich Way to Scarsdale Place	4/28/13

Santa Clara Valley Water District **TABLE 7-1** **Sorted by Creek Name**
2012-13 Adopt-A-Creek Cleanup Events

Creek Name	Reach	Date
Regnart Creek	E. Estates Drive to Blaney Avenue	4/20/13
Regnart Creek	E. Estates Drive to Blaney Avenue	5/18/13
Ross Creek	Leigh Avenue to Sandy Lane	10/7/12
Ross Creek	Los Gatos-Almaden Road to Camino Del Cerro	5/18/13
San Tomas Aquino Creek	Tasman Avenue to Highway 101	10/16/12
San Tomas Aquino Creek	Tasman Avenue to Highway 101	4/10/13
San Tomas Aquino Creek	McCoy Avenue to Silacci Drive	12/5/12
San Tomas Aquino Creek	Westmont Avenue to Quito Road	1/26/13
San Tomas Aquino Creek	Highway 85 to Pollard Road	5/18/13
Saratoga Creek	Cabrillo Avenue to Warburton Avenue	8/8/12
Saratoga Creek	Cabrillo Avenue to Warburton Avenue	6/15/13
Saratoga Creek	Pruneridge Avenue to Lawrence Expressway	10/20/12
Stevens Creek	Moffett Blvd. to Central Expressway	7/15/12
Upper Penitencia Creek	King Road to Jackson Avenue	10/20/12
Upper Penitencia Creek	Summerdale Drive to Piedmont Road	11/11/12
Upper Penitencia Creek	Piedmont Road to Nobel Avenue	9/8/12
Upper Penitencia Creek	Piedmont Road to Nobel Avenue	10/21/12
Upper Penitencia Creek	Piedmont Road to Nobel Avenue	1/5/13
Upper Penitencia Creek	Piedmont Road to Nobel Avenue	2/16/13
Upper Penitencia Creek	Piedmont Road to Nobel Avenue	3/24/13
Upper Penitencia Creek	Piedmont Road to Nobel Avenue	5/4/13
Upper Penitencia Creek	Piedmont Road to Nobel Avenue	6/2/13

2012-2013 SCHOOL OUTREACH PROGRAM

		2012						2013							
Number of Students by:		July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	**Totals**	% Coverage
Watershed	Adobe	0	0	0	0	50	0	0	0	40	0	60	35	185	0.82
	Calabazas	110	0	15	180	231	0	181	0	75	534	0	115	1,441	6.36
	Coyote	150	163	675	724	353	296	525	902	1,726	760	1,570	465	8,309	36.68
	Guadalupe	188	0	697	726	802	172	402	935	610	1,103	717	557	6,909	30.50
	Lexington	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Llagas	0	0	184	92	629	261	112	264	132	37	65	0	1,776	7.84
	Matadero	0	0	0	0	22	0	0	0	0	0	33	0	55	0.24
	Permanente	0	0	116	100	0	84	204	0	312	75	300	0	1,191	5.26
	San Tomas	0	0	146	306	204	62	272	155	222	228	331	30	1,956	8.64
	San Francisquito	0	0	0	0	0	0	0	0	0	0	23	0	23	0.10
	Stevens Creek	0	0	0	0	0	232	0	0	0	0	0	234	466	2.06
	Sunnyvale East	0	0	0	0	0	0	0	0	150	0	144	0	294	1.30
	Sunnyvale West	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Uvas	0	0	0	0	0	0	0	0	0	0	28	0	28	0.12
	Other	18	0	0	0	0	0	0	0	0	0	0	0	18	0.08
	Total Number of Students	466	163	1,833	2,128	2,291	1,107	1,696	2,256	3,267	2,737	3,271	1,436	22,651	

		2012						2013						
Number of Students by:		July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	**Totals**
City	Alviso	0	0	0	0	0	0	0	120	0	0	0	0	120
	Campbell	0	0	0	184	60	0	176	0	87	14	0	0	521
	Cupertino	0	0	196	96	231	0	181	0	0	132	144	34	1,014
	Gilroy	0	0	0	0	629	261	112	264	0	37	93	0	1,396
	Los Altos	0	0	0	0	50	0	0	0	24	0	81	0	155
	Los Altos Hills	0	0	0	0	0	0	0	0	0	0	0	0	0
	Los Gatos	30	0	0	14	200	23	0	0	0	0	28	0	295
	Milpitas	120	0	0	99	20	0	99	208	723	96	360	0	1,725
	Morgan Hill	0	0	120	36	0	0	0	0	132	0	30	0	318
	Mt. View	0	0	0	100	0	84	204	0	288	175	219	200	1,270
	Palo Alto	0	0	0	0	22	0	0	0	40	0	116	0	178
	San Jose	218	163	1,372	1,351	865	445	828	1,509	1,670	1,945	2,200	1,167	13,733
	San Martin	0	0	64	56	0	0	0	0	0	0	0	0	120
	Santa Clara	0	0	15	192	214	0	0	155	78	338	0	0	992
	Saratoga	0	0	66	0	0	62	96	0	75	0	0	0	299
	Sunnyvale	80	0	0	0	0	232	0	0	150	0	0	0	462
	Stanford	0	0	0	0	0	0	0	0	0	0	0	35	35
	Other	18	0	0	0	0	0	0	0	0	0	0	0	18
	Total School Visits	466	163	1,833	2,128	2,291	1,107	1,696	2,256	3,267	2,737	3,271	1,436	22,651

2012-2013 SCHOOL OUTREACH PROGRAM

		2012						2013						
Number of Students by:		July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	**Totals**
Grade	PreK	352	0	262	178	81	113	0	0	0	373	51	895	2,305
	Kindergarten	30	0	89	233	135	10	136	390	494	611	0	0	2,128
	First	0	0	0	0	441	123	587	712	873	499	263	0	3,498
	Second	0	0	205	174	242	347	240	175	783	120	351	115	2,752
	Third	18	0	427	779	577	274	322	280	327	72	769	34	3,879
	Fourth	0	0	208	96	136	0	195	0	0	0	192	0	827
	Fifth	0	99	368	428	208	174	128	223	141	37	284	30	2,120
	Sixth	0	64	68	0	178	0	0	99	90	0	146	0	645
	Seventh	0	0	0	0	0	0	0	0	0	0	180	0	180
	Eighth	0	0	0	0	0	0	0	0	0	0	180	0	180
	High School	0	0	0	8	0	0	0	35	175	35	0	70	323
	Adults	0	0	15	15	0	0	0	0	0	0	0	0	30
	Multi-Grade	66	0	191	169	200	66	88	332	384	990	855	280	3,621
	College	0	0	0	48	93	0	0	10	0	0	0	12	163
	Total Number of Students	466	163	1,833	2,128	2,291	1,107	1,696	2,256	3,267	2,737	3,271	1,436	22,651

		2012						2013						**Total # of**
Focus of Presentation:		July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	**Students**
	Conservation	16	163	1,833	2,128	2,291	1,107	1,696	2,256	3,267	2,737	3,271	1,436	22,201
	NPS	16	163	1,538	1,939	1,408	637	841	1,327	1,299	1,282	2,523	1,321	14,294
	Stewardship	16	163	1,628	1,954	1,608	637	841	1,327	1,499	2,082	2,573	1,321	15,649
	Cycle	1	0	285	281	776	505	915	1,174	1,943	690	989	397	7,956
	Watershed	3	163	1,446	1,607	2,075	984	1,560	1,866	2,773	1,699	3,220	541	17,937
	States of Water	1	0	205	174	683	470	855	1,129	1,768	655	698	315	6,953
	H2O Sources	3	262	1,151	1,418	1,192	514	705	737	805	244	2,472	226	9,729
	History	3	163	1,151	1,418	1,192	514	705	737	805	244	2,472	226	9,630
	Water Quality	2	163	1,241	1,433	1,392	514	705	737	1,005	1,044	2,522	226	10,984

2012-2013 SCHOOL OUTREACH PROGRAM

Total Students by School District:	2012						2013						Total # of Students
	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	
Alum Rock USD	0	0	0	195	0	100	176	96	0	80	0	80	727
Berryessa USD	0	0	0	120	0	0	0	0	245	96	0	0	461
Cambrian SD	0	0	0	0	0	0	0	0	0	0	30	0	30
Campbell UHSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Campbell USD	0	0	115	244	60	62	240	0	87	0	0	0	808
College	0	0	0	48	93	0	0	10	0	0	0	47	198
Cupertino USD	0	0	116	192	375	232	168	145	174	204	144	115	1,865
East Side UHSD	0	0	0	0	0	0	28	0	175	28	0	0	231
Evergreen ESD	20	0	0	192	0	158	222	244	308	0	381	0	1,525
Franklin-McKinely SD	0	163	675	78	240	0	0	48	0	460	0	0	1,664
Fremont UHSD	0	0	80	24	0	0	0	0	0	0	0	0	104
Gilroy USD	0	0	0	0	629	261	112	264	0	0	65	0	1,331
Lakeside Joint SD	0	0	0	14	0	0	0	0	0	0	0	0	14
Loma Prieta USD	0	0	0	0	0	0	0	0	0	0	0	0	0
Los Altos SD	0	0	0	0	50	0	0	0	0	75	0	0	125
Los Gatos USD	0	0	0	0	0	23	0	0	0	0	0	0	23
Los Gatos-Saratoga JUHSD	0	0	0	0	0	0	0	0	0	0	28	0	28
Luther Burbank ESD	0	0	0	0	0	0	0	0	0	0	0	0	0
Milpitas USD	0	0	0	99	0	0	99	208	549	96	360	0	1,411
Montebello ESD	0	0	0	0	0	0	0	0	0	0	0	0	0
Moreland SD	0	0	0	0	0	0	0	0	0	120	250	30	400
Morgan Hill USD	0	0	184	56	0	0	96	0	132	0	540	0	1,008
Mount Pleasant SD	0	0	0	0	0	0	0	78	75	0	0	0	153
Mt View-Los Altos HUD	0	0	0	0	0	0	0	0	0	0	129	0	129
Mt View-Whisman SD	0	0	0	100	0	84	204	0	288	0	171	0	847
Oak Grove SD	0	0	0	0	78	0	0	30	0	0	90	0	198
Orchard School Dist	0	0	0	0	0	0	0	108	0	0	120	0	228
Palo Alto USD	0	0	0	0	22	0	0	0	40	0	83	0	145
Private	428	0	78	543	101	121	261	158	318	465	256	34	2,763
San Jose USD	0	0	120	128	0	31	90	312	423	54	392	0	1,550
Santa Clara USD	0	0	0	60	70	0	0	120	78	0	0	0	328
Saratoga UESD	0	0	66	0	0	0	0	0	75	0	0	0	141
Sunnyvale SD	0	0	0	0	0	0	0	0	0	0	0	0	0
Union SD	0	0	74	0	373	0	0	120	100	0	102	0	769
Other	18	0	0	0	0	0	0	0	0	0	0	0	18
Community Event	0	0	325	35	200	35	0	315	200	1,059	130	1,130	3,429
Total Number of Students	466	163	1,833	2,128	2,291	1,107	1,696	2,256	3,267	2,737	3,271	1,436	22,651

In 2012–2013, the Education Outreach program...

reached

22,651 Students

1,264 Teachers

767 Classes

had

350 Students in tours

192 Volunteer hours

held

5 Teacher trainings

19 Tours

Students by Watershed

Adobe	185
Calabazas	1,441
Coyote	8,309
Guadalupe	6,909
Llagas	1,776
Matadero	55
Permanente	1,191
San Tomas	1,956
San Francisquito	23
Stevens Creek	446
Sunnyvale East	294
Uvas	28
Other	18

Students by City

Alviso	120
Campbell	521
Cupertino	1,014
Gilroy	1,396
Los Altos	155
Los Gatos	295
Milpitas	1,725
Morgan Hill	318
Mt. View	1,270
Palo Alto	178
San Jose	13,733
San Martin	120
Santa Clara	992
Saratoga	299
Sunnyvale	462
Stanford	35
Other	18

Tours

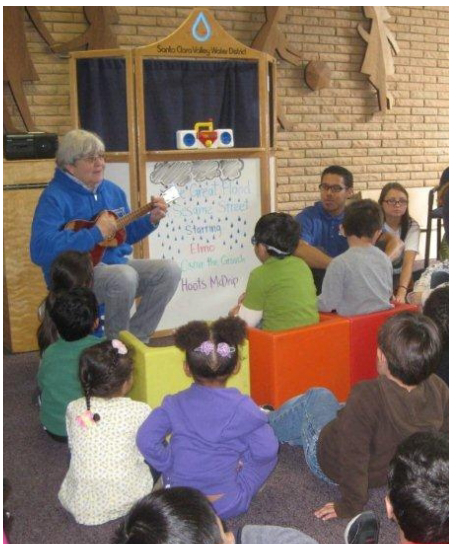
2 Rinconada Water Treatment Plant

1 at Morley Park and McGlincey Ponds

13 at Alamitos Recharge Ponds

2 at San Pedros Percolation Pond

1 at Silver Creek



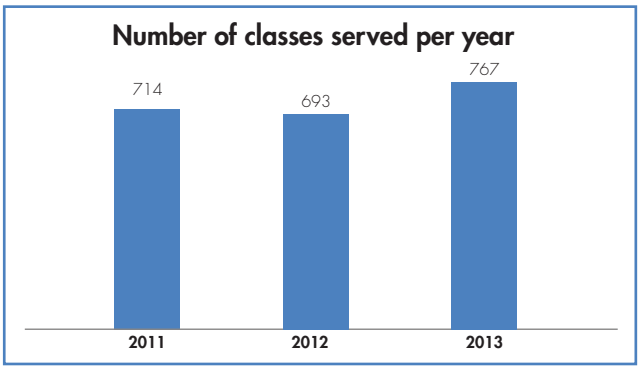
Special Events

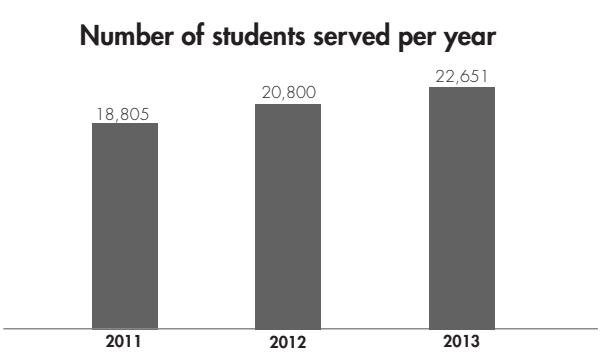
Guadalupe Reach VI Celebration
NAAEE Conference
Coastal Cleanup Day
Rinconada Open House
Asilomar Reading Conference
Eaton Enrichment Day
Science Extravaganza
Price Middle School Family Science Night
History San Jose's Water Day
Children's Discovery Museum Earth Week
Mission College EcoFair
SJ State University Earth Day Celebration
Kaiser Permanente Earth Day
Brownell Middle School Career Fair
National River Cleanup Day
Water Wizard Festival
Go Green Conference

SANTA CLARA VALLEY WATER DISTRICT
EDUCATION OUTREACH YEAR-END REPORT 2012–2013

Santa Clara Valley Water District

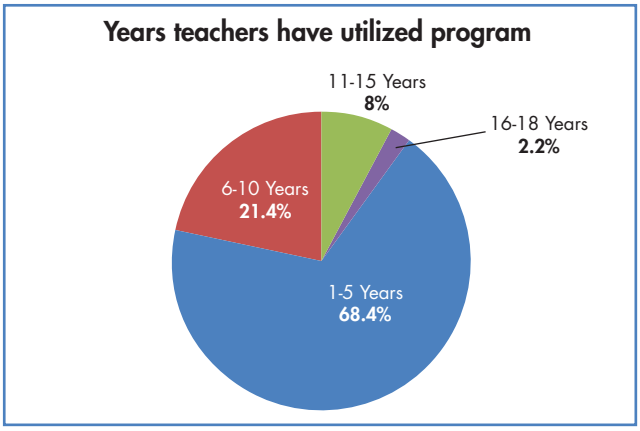
This year, the Education Outreach program reached 1851 more students

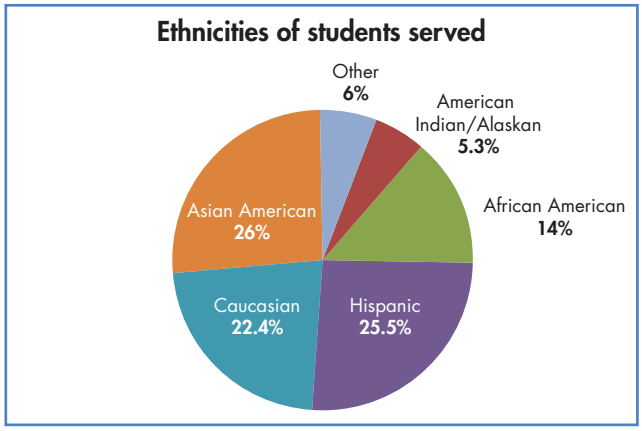




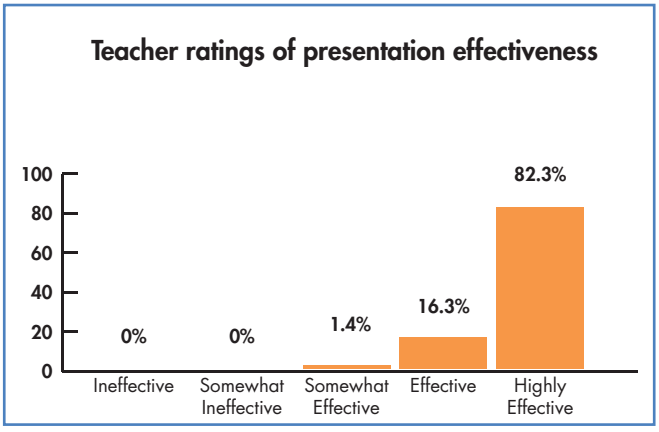
During the 2012-13 school year the program staff reached 1,264 teachers, 767 classes and 22,651 students including 19 class tours of our outdoor classrooms: one class came to Morley Park, thirteen classes came to Alamitos Ponds, two classes toured the San Pedro percolation ponds, one high school class toured Silver Creek and two classes toured Coyote Creek Outdoor Classroom. Two classes also toured Rinconada Water Treatment Plant. The program provided 6 teacher in-service presentations, including three six-hour Project WET trainings, two conference presentations and a presentation to the Diocese of San Jose principals.

The program reached many new teachers and diverse students





One hundred percent of teachers recommend the program



The Education Outreach program maintains a high standard of teaching quality. 98.6 percent of teachers rate the program as effective or highly effective, and 100 percent of classroom teachers recommend our presentations. Here is a sample of teacher comments:

"The presenters were delightful!... The lessons presented were so accessible to all my kids!"

"It gets the children to think about water conservation."

"Goes perfectly with our science curriculum and the presentations are engaging."

"Amazing demos and activities really engaged the students (and teachers!)."

Section 8 - Provision C.8 Water Quality Monitoring

Program Highlights and Evaluation
Highlight/summarize activities for reporting year:

PROGRAM EVALUATION

The District, through its SCVURPPP contribution, contributes to the BASMAA Regional Monitoring Coalition, the San Francisco Estuary Regional Monitoring Partnership and to the SCVURPPP monitoring activities. In addition, over the past 4 years, the District has been conducting a voluntary first flush monitoring data collection study with the City of San Jose in response to a September 13, 2009, fish kill in the Guadalupe River watershed.

HIGHLIGHTS AND ACCOMPLISHMENTS

The District is an active participant in the various monitoring ad hoc task groups and other work groups for the San Francisco Bay Area. The District is also a firm believer in the benefits of understanding complex environmental processes by continued long term monitoring programs. The District contributes, financially, to many monitoring activities both regionally and locally.

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 12-13 the District participated in several studies associated with water quality monitoring in Coyote Creek and the Guadalupe River watersheds using YSI multi parameter data loggers. At the request of the Water Board the District, the City of San Jose, and Program staff met in Oakland to discuss continued studies for further clarification of the low Dissolved Oxygen levels in Coyote Creek in the downtown San Jose reach. Following that meeting the partners conducted a survey of Coyote Creek from Williams Street to the confluence with Silver Creek via canoe. Numerous depth readings were taken and water quality was measured. Since that survey in the spring of 2013, district staff from the Safe Clean Water Implementation Unit have deployed data loggers in several locations. Staff have also collected soil and water samples for analysis. Look for results in the March 2014 Monitoring Report submittal. The District contributed through the countywide Program to the BASMAA Regional Monitoring Coalition (RMC). In addition, the District contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and was represented at RMP committees and work groups. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 12-13 Annual Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

Program Highlights and Evaluation
Highlight/summarize activities for reporting year:

PROGRAM EVALUATION

The District uses pesticides as one of the tools for pest management on its properties and facilities. The primary category of pesticides used is herbicides. Insecticides and rodenticides are used in small quantities. In all cases, pesticide products are used only after an assessment has been made regarding environmental, economical, and public health aspects of each of the alternatives. The District has always been proactive and conservative in the use of pesticides.

In the interest of improving the District message to staff regarding IPM (which received an NOD in the winter of 2013) the Stream Stewardship Unit (currently Safe Clean Water Implementation Unit) staff provided training to the various staff and units during 2012-2013 and also provided the Facilities Management Unit with a DVD titled "Municipal Storm Water Pollution Prevention …Everyday Best Management Practices" by EXCAL Visual to be viewed by other staff at unit meetings. Other unit managers who have seen the stormwater pollution awareness video are now requesting copies to be viewed during individual unit meetings.

Continuing education (CE) is required for employees to maintain certification. Employees can obtain CEs through seminars sponsored by Pesticide Applicators Professional Association (PAPA), California Association of Pest Control Advisors (CAPCA), manufacturers and universities. CEs are tracked by PAPA/CAPCA and records can be obtained from the websites. All District employees work under the direction of an Employee Performance Plan. County Agricultural Commissioner and the State Department of Pesticide Regulations certification and training requirements are included in individual Performance Plans. Performance Plan evaluations are conducted every January for all employees. Employees not meeting certification and training requirements contained in their Performance Plan may face disciplinary action or termination of employment. Bi-weekly safety meetings are held that include IPM Policy, SOP and BMP training. Label training, hazardous spill response, symptoms of pesticide poisoning were some of the topics covered this past year. BMP inspection checklists that are part of work order packages continue to be completed for both chemical and non-chemical vegetation management activities.

HIGHLIGHTS AND ACCOMPLISHMENTS

All District employees were informed, via the District's News You Can Use all-employee messaging system on April 16, 2013, that only employees authorized and trained to apply pesticides can use them at work. No over-the-counter pesticides are allowed in or around the workplace. This is consistent with the District's IPM Policy. A copy of the all-employee email is included as Attachment 1.

Additionally, in July 2012, the District sent a countywide mailer to every household in the county, totaling 660,192. The mailer included an article on the proper disposal of left over or unwanted household and garden chemicals. A copy of the mailer is included as Attachment 2.

C.9.b ►Implement IPM Policy or Ordinance

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.

Trends in Quantities and Types of Pesticides Used[1]

Pesticide Category and Specific Pesticide Used	Amount[2]				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	0	0	0	0	
Product or Pesticide Type A	0	0	0	0	
Product or Pesticide Type B	0	0	0	0	
Pyrethroids	0	0	0	0	
Product or Pesticide Type X	0	0	0	0	
Product or Pesticide Type Y	0	0	0	0	
Carbaryl	0	0	0	0	
Fipronil	0	0	0	0	

[1] Includes all municipal structural and landscape pesticide usage by employees and contractors.
[2] Weight or volume of the product or preferably its active ingredient, using same units for the product each year.

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.	17
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	17
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?	X	**Yes**		**No**
If yes, attach one of the following:				
X	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR			
	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR			
	Equivalent documentation.			
If **Not attached**, explain: Contract Specifications Attached				

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 12-13, we participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees.

C.9.f ►Interface with County Agricultural Commissioners				
Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?		**Yes**	X	**No**
If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary. No improper pesticide usage took place.				

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

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

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

Summary:

The Effectiveness Evaluation Report is included in Section C.9 Pesticides Toxicity Control of the Countywide Program's FY 12-13 Annual Report.

Additionally, effectiveness evaluations were conducted locally for the following control measures:

- Municipal Staff Training- All agency staff involved in the use of pesticides received training on Best Management Practices to minimize usage of pesticides to the maximum practical extent and avoidance of impacts associated with pesticide usage.
- Requiring Contractors to Implement IPM- All contractors using pesticides are working under the District Pesticide Policy. No new contractors were brought on board during this period.
- Outreach to Residents: Residents were notified of District pesticide use when requested or when there was possibility of exposure to applications. All pesticide applications were posted prohibiting entry into the area until safe.
- Requiring New Development and Redevelopment Projects to Minimize Pesticide Use – In the fall of 2012, a minor study was performed on Canoas creek to test the rates and dosages necessary to provide the desired result. Various rates were used to determine whether, and by how much pesticide use could be reduced. Results of the study showed that the District was achieving the desired result with the minimum legal rate of the products used.

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:

See the C.9 Pesticides Toxicity Control section of Program's FY 12-13 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of the Program's FY 12-13 Annual Report for a report that evaluates outreach to residents.

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:

See the C.9 Pesticides Toxicity Control section of Program's FY 12-13 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

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

Use this area to respond to any Water Board staff comments on Section 9 of your FY 11-12 Annual Report, and refer to any required submittals that are attached.

Got bugs? Stay safe -- don't spray!

Submitted by Employee Commun... on 04/16/2013

From: Kate Slama, Water Quality Specialist II

The district has an approved Pesticide Policy that defines who at the district can apply pesticides at our facilities. The purpose of the policy is to protect employee health and the environment while controlling pests.

Keeping food, beverages, plants and flowers out of buildings, cubicles and conference rooms will greatly reduce your chances of having a pest problem. If you do have a problem, please contact the **Facilities Help Desk** at ext. on 3020 for tips in helping control the problem. Facilities staff uses Orange Spray to control ants. Orange Spray can be used with no ill effects to the employees, except for the strong orange smell.

This reminder is to all of us who wish to apply “lethal doses of life-ending bug stuff” to reach out and contact our approved pesticide applicators.

The Pesticide Policy states:

- Aerosol pesticides shall only be purchased or used by district staff licensed by the State in the appropriate categories for product application
- A State-certified Qualified Applicator with the appropriate endorsements shall proved immediate oversight for application of all pesticides
  (Certified staff must be on sties at all times herbicides are applied)

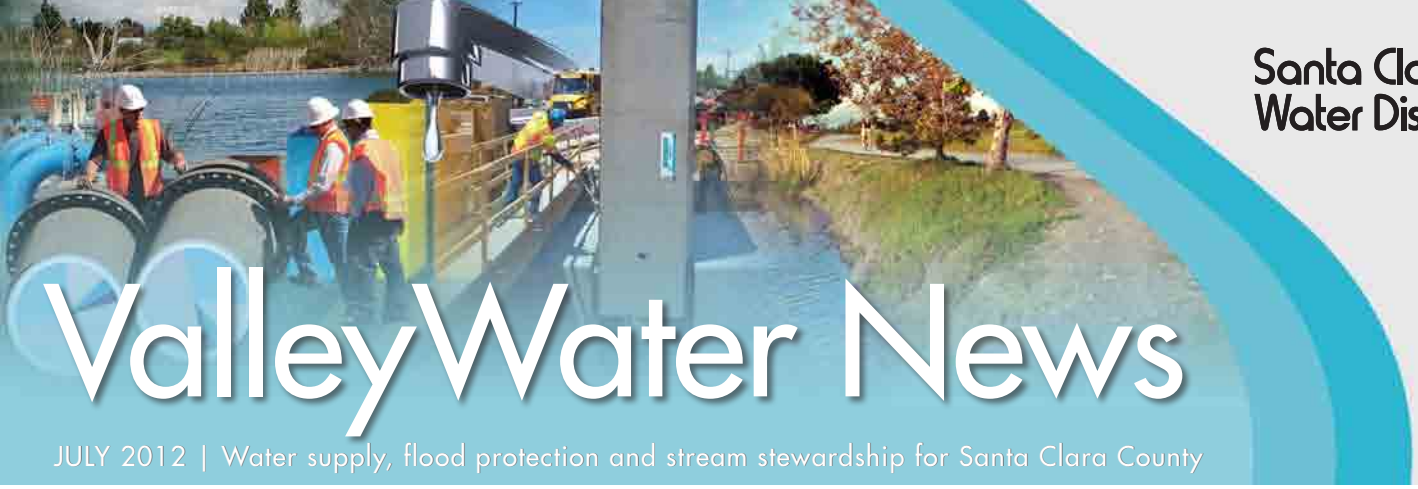
Please consider limiting the use of toxic pesticides at home. Overspray is washed into our streams via rain or overwatering from sprinklers. These pesticides kill bugs in our creeks and rivers that the fish consume. They also prevent insects from hatching which means less food for the birds and bats.

For more information on minimizing pesticide use in your garden and at home, contact Kate Slama, District Communications Unit, ext. 2739, or visit www.MyWatershedWatch.org and click on the “Solutions to Pest Problems” link.

For **FREE** disposal of unwanted pesticides, contact the Santa Clara County Household Hazardous Waste Program at 408-299-7300 or visit www.hhw.org.

Free tagging: pesticide

Add new comment



Santa Clara Valley Water District

ValleyWater News

JULY 2012 | Water supply, flood protection and stream stewardship for Santa Clara County

A lean budget focused on core services

The Santa Clara Valley Water District is committed to supplying clean, reliable water, providing flood protection, and protecting and enhancing watersheds in an efficient and effective manner. The Fiscal Year 2013 budget reinforces that commitment.

The budget comprises $220.3 million in net outlays and $64.9 million in capital projects. It focuses on ensuring a clean, reliable water supply; protecting communities from floods; and providing stewardship of the streams. Among the capital projects to be completed in FY 2013 is the multi-million dollar Silicon Valley Advanced Water Purification Center in north San Jose.

The $285.2 million budget is approximately 30 percent less than the $409.6 million budget in FY 2009. It is a culmination of efforts initiated a few years ago to reduce costs, while improving efficiency, effectiveness and optimization throughout the district.

The district has cut 107 positions since 2008. In addition, the district has entered into new contracts with its three bargaining units, saving more than $7.7 million over the three-year agreement period.

FY 2013 budget highlights:

- $27.4 million, or 8.8 percent, reduction from FY 2012
- $2.2 million savings from reduced staffing over FY 2012
- 11.5 percent cut in training-related travel/lodging costs from FY 2012
- 12 scheduled capital projects expected to create 800 to 1,600 local jobs
- $41.4 million expected in external funding

This year's budget has also benefitted from improved forecasting and adaptive planning, which allows us to be more nimble and make adjustments in response to changing capital or operational needs.

The water utility sector is one of the most capital-intensive utility sectors. It is substantially more capital intensive than other regulated industries such as electric, gas and telecom, and about 20 times more capital intensive than the Standard and Poor's 500, says the 2009 Water Research Foundation report "Improving Water Utility Capital Efficiency."

Managing, maintaining and upgrading our county's complex and critical water system infrastructure requires not only highly-skilled staff, but long-term planning. To make sure we can meet our commitments and any emergency costs, the district sets aside reserve funds consistent with industry standards.

Over the next decade, the district will invest about $1 billion on critical infrastructure repairs to prevent any major infrastructure breakdown and ensure a safe and reliable water system. Get more financial information or download a copy of our **"Budget in Brief"** at valleywater.org.

To continually improve our operations, we have implemented a comprehensive management audit program, the results of which ensure that the organization is better positioned to address the major challenges ahead and deliver effective projects that benefit the community.

More inside: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Safe, clean water for our future

The future of our families, neighborhoods and businesses depends on water …


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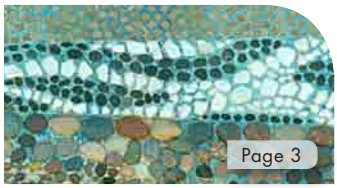
Investing in the future of our water supply

Much of the county's water infrastructure was built more than 50 years ago …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Protecting our hidden water resource

The groundwater basins are an essential local water resource that the district manages …


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Transparency and engagement

The district strives to be a transparent, accessible agency that engages the community …

Safe, clean water for our future

The future of our families, neighborhoods and businesses depends on water and how well we manage it.

Since 2000, many of the district's highest priority efforts have been supported by voter-approved local funding that can't be taken away by the state or federal government. That funding is set to expire if voters don't renew it.

To ensure safe, clean water is here in Santa Clara County for years to come, the district has developed the Safe, Clean Water and Natural Flood Protection Plan, a 15-year plan based on input received from approximately 16,000 residents and stakeholders.

The long-term priorities of the plan are to:

- Ensure a safe, reliable water supply for the future
- Reduce toxins, hazards and contaminants, such as mercury and pharmaceuticals in our waterways
- Protect our water supply and local dams from the impacts of earthquakes and natural disasters
- Restore fish, bird and wildlife habitat and provide open space access
- Provide flood protection to homes, businesses, schools, streets and highways

To implement these priorities, the district is considering placing a ballot measure to renew the expiring parcel tax without increasing rates.

Any voter-approved local funding renewal would:

- Require all expenditures be published annually
- Include exemptions for low-income senior citizens
- Require external oversight by an independent monitoring committee
- Help bring in $360 million in federal and state matching funds
- Stimulate our local economy

The community-recommended Safe, Clean Water Plan is now available online at safecleanwater.org for residents to review and provide input. In late July, the district board of directors will review the plan and determine whether to place it on the November ballot for consideration by Santa Clara County voters.

For more information, call Senior Project Manager Luis Jaimes at 408.265.2607, ext. 2576, or e-mail at info@safecleanwater.org.

Water – the lifeblood of our ever-changing region

For more than 80 years, the district has provided the region's residents with this very valuable resource. In response to community needs, its mission has evolved over the decades, from preserving water supply and protecting communities from floods to also becoming staunch environmental stewards. The one thing that hasn't changed is the organization's commitment to the community it serves.

Excessive pumping of groundwater in the early 1900s led to overdraft and land subsidence, causing the land to sink and requiring deeper water wells. In 1929, concerned about subsidence and drying wells, a group of local farmers and business leaders came together to form the first Santa Clara County Water Conservation District. These visionaries formulated an innovative plan to build reservoirs to capture and store rainwater to replenish the groundwater basin.

Recognizing that water is key to having a strong economy and a thriving community, the district built an integrated water system that includes a network of dams, reservoirs, pipelines, treatment plants, groundwater replenishment facilities and a state-of-the-art water quality laboratory.

Protecting homes, businesses and transportation networks from the devastating effects of floods is one of the main jobs of the district, and since the early 1980s we have invested more than $1 billion in flood protection programs throughout Santa Clara County.

The district also continues to show its leadership in stream stewardship and ecosystem restoration. Since 2000, the district has removed over 4,200 pounds of mercury from local streams and the San Francisco Bay; opened access to more than 65 miles of pedestrian friendly trails; and restored more than 569 acres of tidal and creekside habitat.

To learn more about the district and how it has served our bustling and ever-changing region, visit our website valleywater.org.

Stevens Creek Reservoir

Investing in the future of our water supply

Much of Santa Clara County's water infrastructure was built more than 50 years ago and in need of significant investment to meet the region's long-term water needs.

In fact, a crucial part of our infrastructure that requires special attention is the seismic safety of our dams, which are critical water storage facilities and can hold up to one-third of the water consumed in the county each year.

While these facilities were modern when they were built in the 1930s and 50s, the dams are currently undergoing seismic stability evaluations to determine how best to retrofit them using today's scientific knowledge to meet modern engineering standards. Fixing the dams will be expensive, but must be done for public safety and to ensure reliable water storage.

Similarly, investments are needed to protect parcels that still remain flood-prone. Moreover, potentially catastrophic effects of sea-level rise call for actions to shore up the South Bay levees protecting communities from tidal flooding.

Meanwhile, the Sacramento-San Joaquin Delta, which transports about half of our water supply, is in peril because of fragile levees, seismic risks, declining fish and wildlife populations, and climate change.

To meet these challenges, the district is developing long-term plans to ensure we are wisely planning our infrastructure investments.

Protecting our hidden water resource

The groundwater basins are an essential local water resource that the district proactively manages. Groundwater accounts for about 40 percent of our water supply, and approximately 160,000 acre-feet of groundwater is pumped by local water retailers and private well owners each year.

The district monitors the groundwater quality through sampling from a number of deep wells throughout the county. It also ensures proper construction and destruction of wells to prevent contaminants from infiltrating the groundwater basin.

In addition to being an important water supply source, the groundwater basins have vast storage capacity which serves as protection against droughts. It allows the district to store excess water in wet years for use during water shortages. Although groundwater is replenished naturally through rainfall and other sources, this is not sufficient to balance the amount of groundwater pumped out each year.

So, the district manages and maintains almost 400 acres of groundwater recharge ponds to keep the aquifers full and ready for use. Active groundwater management and monitoring also prevents saltwater intrusion in the north part of the county. Get more information at valleywater.org/Services/Groundwater.aspx.

Protecting water quality

As much as 55 percent of Santa Clara County's drinking water supply is imported from the Sierra Nevada watersheds. As water makes its way through the Delta, rivers, creeks, estuaries and lakes, it can get polluted. To ensure a safe and reliable water supply, the district routinely tests water for more than 353 contaminants.

Every year, our state-of-the-art laboratory conducts approximately 140,000 water quality tests on samples gathered from our water treatment plants, reservoirs and our vast regional groundwater basin. The tests confirm the district's treated water meets or exceeds all applicable water quality regulatory standards.

For monthly water quality reports on untreated and treated water or the groundwater, visit valleywater.org/Services/ProtectingYourWater.aspx.

Don't be an accidental polluter

We must all be diligent to prevent pollution from entering our groundwater basin. Don't be an accidental polluter. Read the labels on packages to avoid products that are unsafe for the bays, our local creeks and the water beneath our feet.

Disposal of left over or unwanted household and garden chemicals is FREE through the County's Household Hazardous Waste Program. Call 408-299-7300 or visit www.hhw.org.

By protecting the groundwater basin, creeks and bays, you are protecting the environment for yourself, your children and future generations.

Visit www.MyWatershedWatch.org for more information.

Santa Clara Valley Water District

5750 Almaden Expressway
San Jose, California 95118
www.valleywater.org

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We speak your language.

Esta publicación contiene información sobre los recursos de agua, la administración del medio ambiente y protección contra inundaciones en el Condado de Santa Clara. Si desea recibir un ejemplar en español, por favor comuníquese con el Distrito de Aguas del Valle de Santa Clara (Santa Clara Valley Water District) al (408) 265-2607, ext. 2881.

Tập tài liệu này gồm có các tin tức về những nguồn cung cấp nước, sự quản lý môi trường và phòng ngừa lũ lụt trong Quận Santa Clara. Để nhận được bản sao của tập tài liệu này bằng tiếng Việt, xin liên lạc Ty Thủy Cục Thung Lũng Santa Clara (Santa Clara Valley Water District) ở số (408) 265-2607, số chuyển tiếp ext. 2632.

Ang publikasyong ito ay naglalaman ng mga impormasyon tungkol sa mga pinagkukunan ng tubig, pangangasiwa ng kapaligiran at proteksiyong pambaha sa Santa Clara County. Para makatanggap ng kopya nito sa Tagalog, pakitawagan ang Santa Clara Valley Water District sa (408) 265-2607, ext. 3714.

此份刊物包含關於聖他克拉拉縣境內的水源、環境管理及防洪資訊。若要取得此份刊物的中文版，請與聖他克拉拉谷水利局聯絡，電話為 (408) 265-2607 轉分機 2631。

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POSTAL CUSTOMER

Transparency and engagement

The district strives to be a transparent, accessible agency that engages the community it serves.

The district's board meetings are open to the public and agendas are posted on the website in advance. The meetings are webcast as well as archived, and can be viewed on the web anytime afterward.

We hold open houses, facility tours and program-related public meetings. Notices are mailed to neighbors to keep them updated on projects taking place near them.

You can submit a question, complaint or a compliment on our Access Valley Water customer service center on our website.

The district offers an award-winning Water Education Program which reaches thousands of young people. It also offers students an opportunity to serve on its Youth Stewardship Commission, which enlists 20 teens from various schools to serve as liaisons to the community and to learn about water resources management and potential careers.

We also offer rebates on high-efficiency clothes washers, toilets and irrigation hardware. Find more at Save20gallons.org.

If you want to personally get involved, the district has nine Board Advisory Committees, as well as volunteer opportunities to help keep our creeks clean of trash.

Join our monthly e-mail newsletter list to get information about:

- Attending our board meetings or watching online
- Applying for an advisory committee or the Youth Commission
- Touring a water treatment plant or other facility
- Attending an open house
- Seeing a documentary film about water
- Participating in creek cleanup events
- Scheduling a water education classroom visit

Stay in touch!

/scvwd

/valleywater

/valleywater

to get eNews, e-mail info@valleywater.org

save20gallons.org

Contract Specification Language for Pesticide and Herbicide application contractors.

M **<u>Storm Drain Discharge Prohibitions</u> - C**ontractor is prohibited from rinsing or washing any of the following materials into the streets, shoulder areas, inlets, catch basin and gutters: concrete, grout, mortar, drywall compound, cement and stucco, solvents and adhesives, thinners, paints (water and oil based), gasoline, diesel fuel, oil, sawdust and dirt, asphalt and concrete sawcut slurry, or any other pollutants or wastes. Contractor shall remove such materials from the work site and dispose of them in conformance with all applicable laws and regulations pertaining to waste materials of such nature.

1. Quality and Environmental Policy Statement. The District maintains a quality and environmental management system to help meet the Ends and Executive Limitations governance policies established by the Board of Directors: meet customer requirements; provide for active, uniform, and systematic deployment of key processes to implement its "getting cleaner…together" vision; and to establish a culture of continual improvement to implements its "getting leaner" vision. Each individual is expected to fully engage in deploying the mission and use resources in a manner that maximizes effectiveness and contributes to environmental stewardship.

2. INTEGRATED PEST MANAGEMENT

3. IPM methods shall be utilized on all landscape facilities. All pest and weed control work shall be as approved by District representative. The District may provide training on IPM methods to Contractor's staff that work on District facilities.

4. Pesticides

5. Pesticides will be used only after non-pesticide alternatives have been considered and found to be impracticable.

6. A list of pesticides that the Contractor will anticipate using on District facilities will be required prior to the start of this Contract. This list of pesticides will be subject to District approval. Any new pesticides shall not be applied without prior approval of the District representative. All required pesticides shall be of the best quality obtainable, least toxic practicable, brought to the jobsite in the original manufacturer's containers, and properly labeled. Strict adherence to federal, state, and local pesticide-related laws, regulations, and ordinances is required. No products containing 2,4-D, 2,4,5- T, Malathion, Chlorpyfiros (Dursban) or Diazinon shall be used on District facilities. No soil sterilants permitted on any District facility.

7. All pesticide applications shall be as recommended by a State licensed pest control advisor (PCA). Proof of current PCA license and number shall be presented prior to start of the Contract. Proof of renewal of PCA license shall be presented prior to expiration date.

8. All pesticide applications shall be performed by or under the immediate supervision of a State-licensed pest control operator (PCO). No restricted materials shall be applied without prior written consent of the District and then only by State-licensed certified applicators. Contractor shall be responsible for posting any pesticide applications done after 7:30 a.m. where directed by the District representative and mandated by law, as well as removal of all signs as per State regulations. PCO license and number shall be presented prior to start of the Contract. Proof of renewal of PCO license shall be presented prior to expiration date.

9. The spraying shall be done with extreme care to avoid any hazard to any person, wildlife, and/or pets in the area or adjacent areas or any property damages. The Contractor's pesticide applicator shall wear all protective gear and clothing while applying pesticides on District property as required by State law. Timing

and frequency of other than required routine spraying shall be determined once the pest(s) are identified. No less than 48 hours notice shall be given to the District representative prior to treatment.

10. Snails and slugs shall be controlled by the use of an approved less toxic product, Sluggo or equal, as approved and directed by the District representative.

11. Gophers and other rodents that are destructive to the plants will be controlled to industry standards in commercial landscapes. Trapping or baits may be used for control. All baits will be approved by the District representative.

12. In no case will Class I/Class II pesticides, or pesticides with the signal word "Danger," be transported across, stored at, or used on District facilities.

13. Pesticide Spills

14. Accidental spills and unintentional application on District facilities shall be reported immediately to the District representative. Contractor shall assume all responsibility for cleanup and mitigation for damages resulting from spills or misuse of pesticides.

Section 10 - Provision C.10 Trash Load Reduction

Program Highlights and Evaluation
Highlight/summarize activities for reporting year:

PROGRAM EVALUATION

The District has been instrumental in the removal of 4674.5 cubic yards of trash and debris from various waterways in Santa Clara County during 2012-2013. The District Clean Safe Creek's Good Neighbor Program cleans up a significant portion of this overall total and coordinates some of the clean ups through our Memorandum of Agreement (MOA) with the City of San Jose. The MOA is a document that outlines the coordinated efforts to clean up homeless encampments, creek trash rafts and other areas heavily impacted by trash and litter.

The District focused on homeless encampment clean ups in 2012-2013. The number of homeless encampments appeared to increase over the previous year. The District intentionally focused its resources on encampment cleanups foregoing cleanup of trash hot spots. The hot spots were evaluated and several had very little trash so the decision was made by Stream Stewardship Unit staff to have the maintenance crews focus on activities that would yield the removal of greater amounts of trash. We estimated the amount of trash the District likely would have removed from hot spots at about 23 cubic yards based on hot spot clean up numbers from the last two years. The table below indicates the Illegal Encampment Cleanups removed nearly 700 cubic yards of trash over the previous year.

Amount of trash the District collected through the Clean Safe Creek's Good Neighbor Program and various other programs during 2012-2013: 4674.5 cubic yards.

	Cubic yards of trash and debris removed			
Program	**2009-2010**	**2010-2011**	**2011-2012**	**2012-2013**
Good Neighbor	1304	1527	1397.5	1571.0
Illegal Encampment Cleanups	575	983.7	1050.1	1710.0
Other Trash and Debris Removal	925	643.75	785.5	1393.5
Trash Hot Spot Cleanups	4	22.5	23.3	2.7
Totals	**2804**	**3154.45**	**3233.1**	**4674.5**

Below you will find a table of our estimated costs for the various trash cleanup activities

Program	Cleanup Cost			
	2009-2010	**2010-2011**	**2011-2012**	**2012-2013**
Good Neighbor	$332,042.78	$238,324.74	$200,171.00	$ 259,212.53
Illegal Encampment Cleanups	$123,374.49	$145,555.68	$229,834.47	$ 285,342.52
Other Trash and Debris Removal	$213,070.36	$156,078.41	$190,282.44	$ 380,033.83
SCVWD Hotspot Cleanups*	$ -	$ -	$ -	$ -
Contribution to SJC Clean Creeks and Healthy Communities grant proposal application with the US EPA	$ -	$ -	$ -	$ 130,000.00
Totals	**$668,487.63**	**$539,958.83**	**$620,287.91**	**$1,054,588.88**

Footnote: * The District diverted costs from this activity to illegal encampment cleanup

HIGHLIGHTS AND ACCOMPLISHMENTS

District staff continues to participate in the SCVURPPP Trash Ad-Hoc Task Group. The SCVURPPP Trash Ad-Hoc Task Group continues to play a leadership role in the development of the regional Baseline Trash Load Generation Rates Report and the Trash Load Reduction Tracking Method Plan.

In January of 2011 the District Board of Directors took a position supporting contributing $130,000 over two years to the City of San Jose, Clean Creeks and Healthy Communities grant proposal application with the U. S. Environmental Protection Agency. This grant has been awarded to the City of San Jose and the District has continued participation in the pilot project.

The District continues to run an Adopt-A-Creek program and support National River Clean Up Day and Coastal Clean Up Day. . The District Board of Directors sponsored a homeless encampment workshop that included a presentation by the City of San Jose's chief of police and a warden from the California Department of Fish and Game as well as many others. This workshop took place on May 17th 2012.

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

Provide the following:

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

Descriptions of Actions/Tasks (Conducted or Planned)*:*

In May of 2013 the District place a purchase request for two trash capture booms for Lower Silver Creek and Thompson Creek. The CEQA permitting process was completed in June of 2013. The District will receive the booms in September 2013 and will conduct a pilot installation of the booms in late September early October 2013 to attempt to capture the Fall first flush. In addition the District is seeking credit for the two trash booms purchased by Palo Alto. The CEQA permitting for those booms on Adobe and Matadero Creeks was completed by the District and later revised by the District to allow the booms to stay in place into December of each year. The City of Palo Alto and the District have entered into a Memorandum of Understanding (MOU) for the installation and maintenance for both trash booms.

A map and site photos with artists' renderings of proposed trash boom locations on Lower Silver Creek and Thompson Creek are provided as Attachment 1.

Descriptions of Maintenance Activities:

- City of Palo Alto conducts the trash removal as need at the Adobe and Matadero Booms. Those booms are inspected weekly.

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

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

Not applicable to SCVWD

Applicable Trash Management Area (Preliminary Map ID)	Device Type	Planned or Installed	ActualMaintenance Frequency	Total Number Installed	Total Area Treated (acres)
NA	NA	NA	NA	NA	NA
			Totals	NA	NA

C.10.b.iii ►Trash Hot Spot Assessment

Provide the volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible. Additionally, include a map that identifies the location(s) of trash hot spots.

A map of the locations of FY 12-13 cleaned and assessed trash hot spots is provided as Attachment 2.

Trash Hot Spot	Cleanup Date	FY 2012-2013 Volume of Trash Removed (cubic yards)	FY 2011-12 Volume of Trash Removed (cubic yards)	FY 2010-11 Volume of Trash Removed (cubic yards)	Dominant Type(s) of Trash	Trash Sources (where possible)
SWD01 – Stevens Creek at La Avenida St	Assessed clean 5/24/2013	0	0.2	0.3	Not Available	Not Available
SWD02 – Coyote Creek at Ridder Park	05/18/2013	1.78	--- this site was changed for FY 12-13---	--- this site was changed for FY 12-13---	Not Available	Homeless Encampments/ Accumulation/ Litter
SWD03 – San Thomas	Assessed clean	0	0.3	0.1	Not Available	Not Available

Aquino Creek @ Mission	2/20/2013					
SWD04 – Stevens Creek 150 feet downstream of Highway 85	Assessed clean 2/20/2013	0	0.4	0.5	Not Available	Not Available
SWD05 – San Thomas Aquino Creek at Walsh Ave	05/15/2013	0.89	0.1	0.1	Not Available	Not Available
SWD06 – Coyote Creek confluence with lower Silver Creek	--	--	0.45	3.4	--	--
SWD07 – Lower Silver Creek at N. King Rd and McKee Rd	--	--	7	0.6	--	--
SWD08 – Lower Silver Creek, Alum Rock Ave to S. Sunset Ave	--	--	0.3	1	--	--
SWD09 – Lower Silver Creek between East San Antonio St and Interstate 680	--	--	0.6	1	--	--

SWD10 – Los Gatos Creek, adjacent to San Fernando VTA Station	--	--	5	5	--	--
SWD11 – Los Gatos Creek between interstate 280 and Lincoln Ave	--	--	0.5	4.5	--	--
SWD12 – Guadalupe River, 200 feet upstream of Montague Expressway	--	--	0.45	3	--	--

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

Provide descriptions of the progress made to-date on the development of Long-term Trash Load Reduction Plans due to the Water Board by February 1, 2014.

Long-Term Plan Task	Summary of Progress
1. Identifying and mapping trash generating areas	This activity was completed by the municipalities. The District does not have control over upland trash generating areas. The transient nature precludes us from generating frequent encampment maps since upon publication they are usually inaccurate.
2. Identifying trash sources (as necessary or feasible) to assist in selecting trash management actions	Sources and pathways of trash accumulating on District property include storm drain systems, wind-blown processes, encampments and illegal direct dumping.
3. Prioritizing trash generating areas and associated types of trash problems	The District prioritizes encampment cleanups with other agencies and uses a frequency of complaint method or size of encampment methodology to determine clean up schedule.
4. Identifying and selecting trash management actions for specific management areas	The District utilizes volunteer cleanup activities, encampment clean ups, public outreach and trash booms as trash management actions.
5. Defining the type of assessment(s) that will be used to demonstrate progress towards goals	The District's permit required goals are the installation of 8 outfall full capture devices or 4 trash booms. The goal is to have 4 trash booms installed by December 2013 which include the two trash booms in Palo Alto. As can be seen by the tables included in this section and in Section C.7 of this report the District is committed to several other activities to change the trash paradigm and remove trash directly from the stream corridor.

C.10.d ►Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Summary: Load reduction requirements are not applicable to the Santa Clara Valley Water District per the MRP.

Action	Description	Trash Management Area(s) (Preliminary Map ID) (**<u>Bold Underline for Very High</u>** **Bold for High** <u>Underline for Medium</u> Plain for Low)	Dominant Sources	Dominant Types
Trash Management Area Specific Actions				
Full-Capture Treatment Devices	Continued Pre-MRP Actions:			
	New/Enhanced Post-MRP Actions Initiated/Planned:			
Street Sweeping	Continued Pre-MRP Actions:			
	New/Enhanced Post-MRP Actions Initiated/Planned:			
On-land Trash Cleanups	Continued Pre-MRP Actions:			
	New/Enhanced Post-MRP Actions Initiated/Planned:			

C.10.d ►Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Summary: Load reduction requirements are not applicable to the Santa Clara Valley Water District per the MRP.

Action	Description	Trash Management Area(s) (Preliminary Map ID) (**Bold Underline for Very High** **Bold for High** Underline for Medium Plain for Low)	Dominant Sources	Dominant Types
Partial-Capture Treatment Devices	Continued Pre-MRP Actions:			
	New/Enhanced Post-MRP Actions Initiated/Planned:			
Enhanced Storm Drain Inlet Maintenance	Continued Pre-MRP Actions:			
	New/Enhanced Post-MRP Actions Initiated/Planned:			
Activities to Reduce Trash from Uncovered Loads	Continued Pre-MRP Actions:			
	New/Enhanced Post-MRP Actions Initiated/Planned:			
Anti-littering and Illegal Dumping	Continued Pre-MRP Actions:			

C.10.d ►Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Summary: Load reduction requirements are not applicable to the Santa Clara Valley Water District per the MRP.

Action	Description	Trash Management Area(s) (Preliminary Map ID) (**<u>Bold Underline for Very High</u>** **Bold for High** <u>Underline for Medium</u> Plain for Low)	Dominant Sources	Dominant Types
Enforcement Activities	New/Enhanced Post-MRP Actions Initiated/Planned:			
Improved Trash Bins/Container Management	Continued Pre-MRP Actions:			
	New/Enhanced Post-MRP Actions Initiated/Planned:			
Creek, Channel, Shoreline Cleanups	Continued Pre-MRP Actions:			
	New/Enhanced Post-MRP Actions Initiated/Planned:			
Area/Jurisdictional-wide Actions				
Single-Use Carryout Bag Policies	Continued Pre-MRP Actions:	Jurisdiction-wide		
	New/Enhanced Post-MRP Actions Initiated/Planned:			

C.10.d ►Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

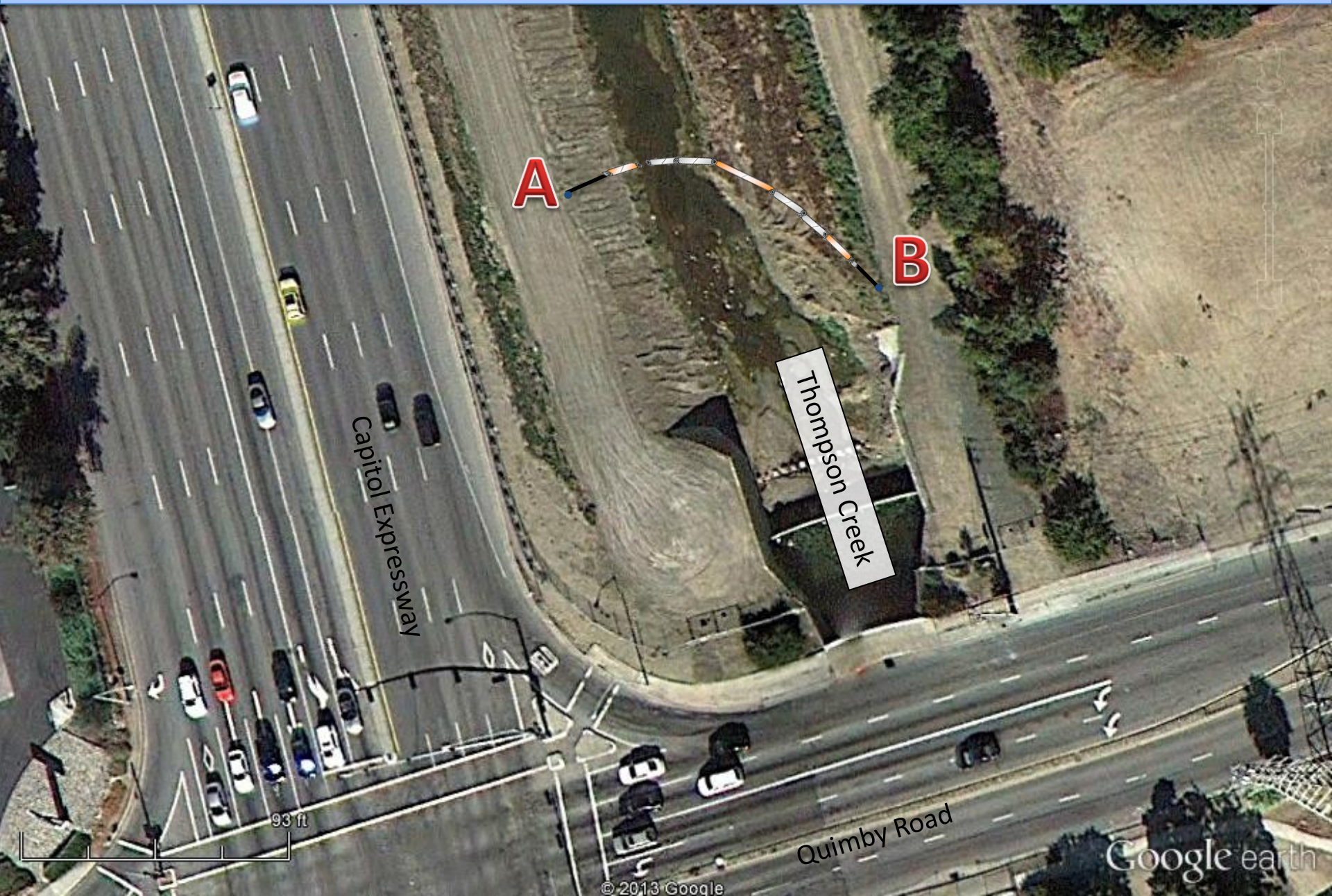
Summary: Load reduction requirements are not applicable to the Santa Clara Valley Water District per the MRP.

Action	Description	Trash Management Area(s) (Preliminary Map ID) (**Bold Underline for Very High** **Bold for High** Underline for Medium Plain for Low)	Dominant Sources	Dominant Types
Polystyrene Foam Food Service Ware Policies	Continued Pre-MRP Actions: New/Enhanced Post-MRP Actions Initiated/Planned:	Jurisdiction-wide		
Public Education and Outreach Programs	Continued Pre-MRP Actions: New/Enhanced Post-MRP Actions Initiated/Planned:	Jurisdiction-wide		

Attachment 1 - Potential Trash Boom Sites

Thompson Creek:
Downstream of Quimby Road

Fig. 1-a

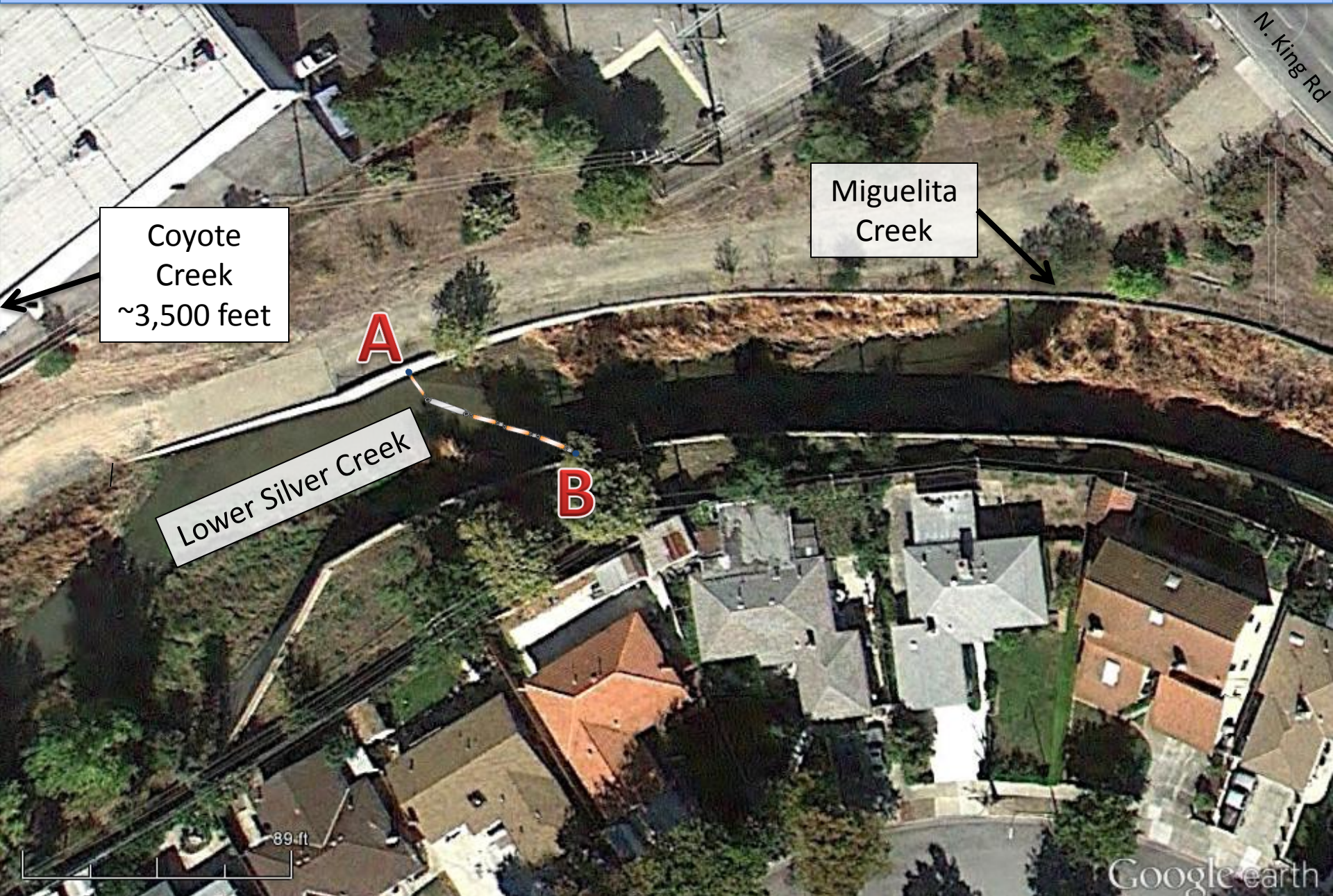


Thompson Creek:
Downstream of Quimby Road

Fig. 1-b

Lower Silver Creek:
Downstream of Miguelita Creek Confluence

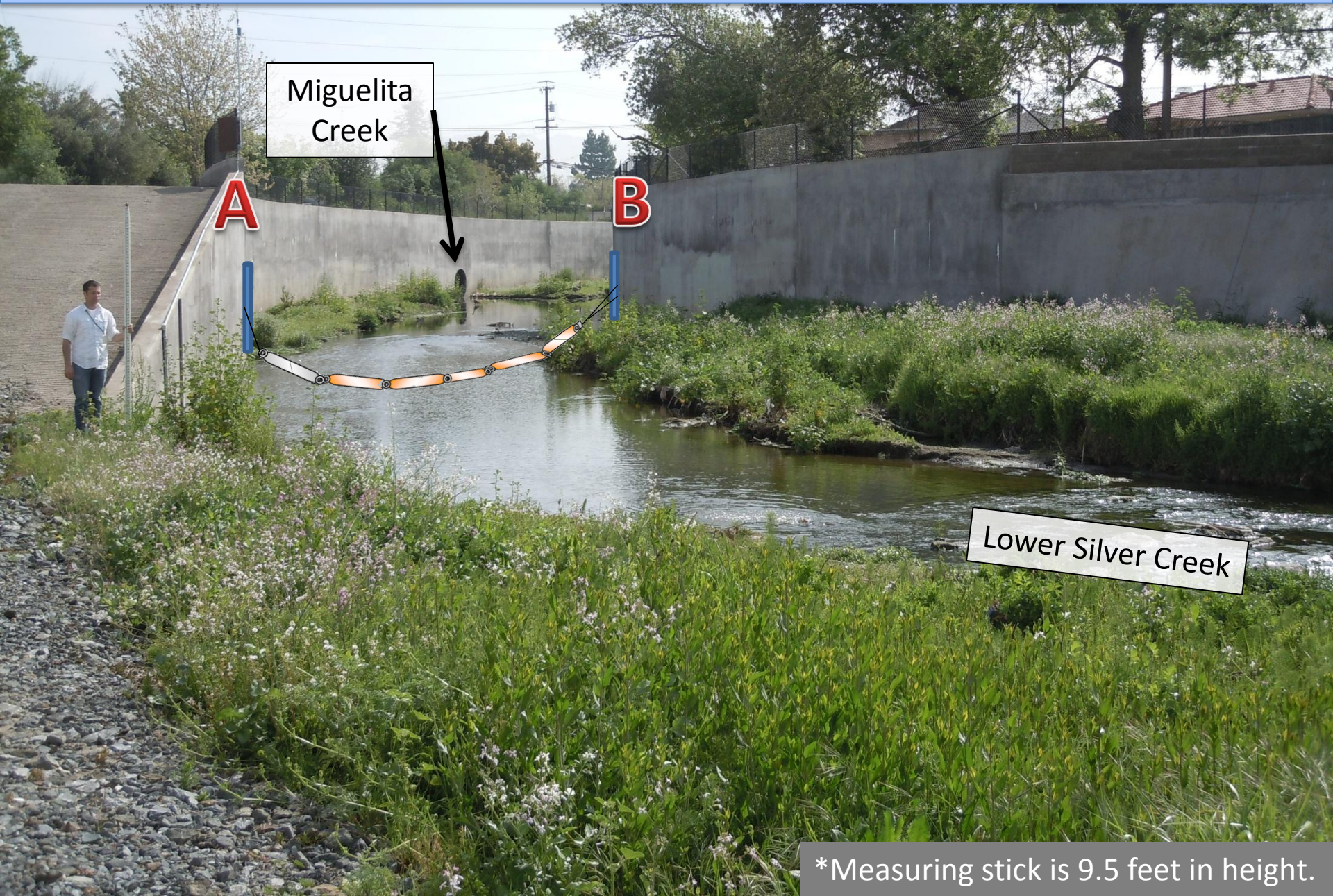
Fig. 2-a



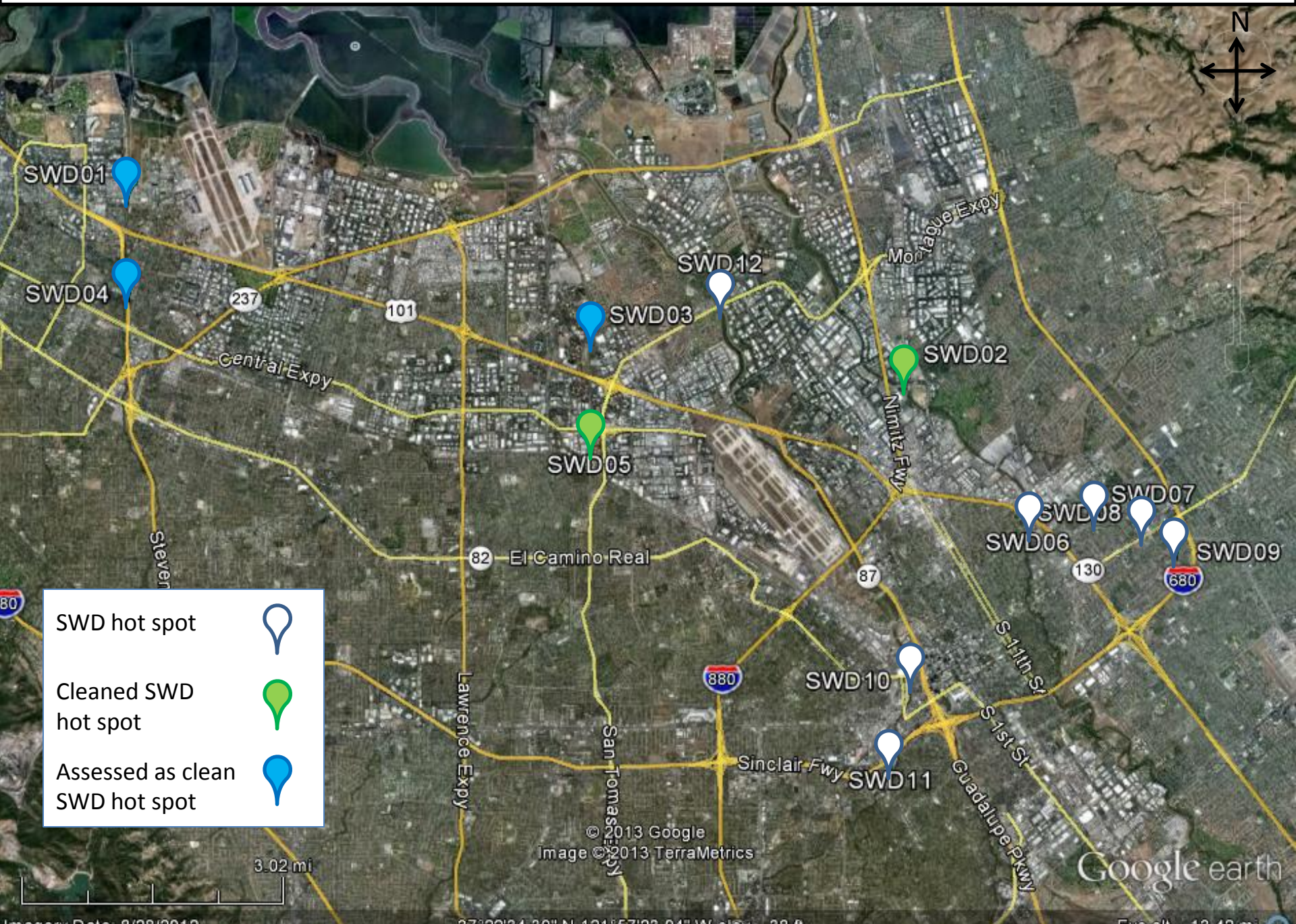
Lower Silver Creek:

Downstream of Miguelita Creek Confluence

Fig. 2-b



C.10 - Attachment 2 - SCVWD trash hot spots FY 12-13



Section 11 - Provision C.11 Mercury Controls

C.11.a.i ►Mercury Recycling Efforts
List below or attach lists of efforts to promote, facilitate, and/or participate in collection and recycling of mercury containing devices and equipment at the consumer level (e.g., thermometers, thermostats, switches, bulbs).
The Program's Watershed Watch Campaign conducts advertising to promote proper disposal of fluorescent lamps and other household hazardous waste. The fluorescent lamps disposal locations and thermometer take-back events are promoted on the Watershed Watch website. See C.11 Mercury Controls of the Program's FY 12-13 Annual Report.

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.
Please refer to the FY 12-13 Countywide Program Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the Countywide Program area.

Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps[1] (linear feet)		
CFLs[2] (each)		
Thermostats[3] (each)		
Thermostats (lbs)		
Thermometers (each)		
Switches (lbs)		
Total Mass of Mercury Collected During FY 2011-2012:		

[1] Only linear fluorescent lamps should be included

[2] Only compact fluorescent lamps should be included

[3] Thermostats can be reported by quantity or by pounds. Whichever unit is used, please avoid double-counting.

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 countywide Program and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

C.11.b ►Monitor Methylmercury

The District continues its monitoring program to evaluate water quality in Lake Almaden, Almaden Reservoir, Calero Reservoir, Guadalupe Reservoir, and Stevens Creek Reservoir. Depth profile measurements of temperature, pH, conductivity, and dissolved oxygen were conducted monthly. In addition, water samples were collected from the epilimnion and hypolimnion for analyses of total and dissolved mercury, total methyl mercury, ammonia, nitrate/nitrite, sulfate, and phosphorus at Lake Almaden, Almaden Reservoir, Calero Reservoir, and Guadalupe Reservoir. Samples were also collected from the epilimnion for analyses for chlorophyll a, and measurements of turbidity were taken at the outlets of the reservoirs. The purpose of this monitoring is to establish existing water quality conditions and seasonal variability to evaluate the implementation of management changes to improve water quality. The District, in partnership with others (Coordinated Monitoring Program) also collected fish tissue samples from the lake and reservoirs (excluding Stevens Creek Reservoir) and from downstream waterways to assess existing conditions for future comparison to evaluate effectiveness of upstream mercury controls.

Lake Almaden Circulation

Lake Almaden is a former gravel quarry that lies at the confluence of Guadalupe Creek and Los Alamitos Creek that drain Guadalupe and Almaden Reservoirs, respectively. Below this confluence is the Guadalupe River. This lake provides recreational amenities to the community, including seasonal swimming and fishing. The Guadalupe River Watershed Mercury Study identified the lake as a significant source of methyl mercury that bioaccumulates in fish within the lake and in fish downstream. In 2009-10 two additional circulators were installed in the lake, providing full treatment. Monitoring of the performance was continued in 2012-13.

Reservoir Circulation

The Guadalupe River Watershed Mercury Study identified reservoirs as a significant source of methyl mercury that bioaccumulates in fish within the reservoirs and in downstream creeks. The study also demonstrated a correlation between the seasonal development of anoxia in the hypolimnion and increased methyl mercury concentrations. Building on the success of the Lake Almaden pilot project, the District installed three solar-powered circulators in Almaden Reservoir in April 2007, and three solar-powered circulators were installed in Guadalupe Reservoir in July 2007. Monitoring of the performance was continued in 2012-13. Circulation alone was ineffective at improving water quality at Almaden and Guadalupe Reservoirs.

Reservoir Oxygenation

The District installed an oxygenation system at Calero Reservoir in order to address hypolimnetic methyl mercury production. This system was installed in November 2011, and the District began working through the regulatory process. Oxygenation system testing was conducted in May 2013 and the system began full operation in July 2013. Oxygenation systems were installed in Guadalupe Reservoir in April 2013 and Stevens Creek Reservoir in November 2012. The Guadalupe Reservoir system began partial operation in July 2013, and the Stevens Creek Reservoir system is scheduled for full operation in the fall of 2013. An oxygenation system for Almaden Reservoir is planned for FY 2013-14.

C.11.d ►Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices

In 2012, routine sediment removal maintenance resulted in the disposal of 34,694 cubic yards of material, with 4,749 cubic yards of this total from the creeks in the upper portion of the Guadalupe River Watershed. The total mercury removed from the system was 179 kg, with 170.2 kg from the Guadalupe River Watershed. The remaining 8.83 kg are attributed to regional background mercury deposition processes (see Attachment 1).

C.11 - Attachment 1 - Sediment Removal and Mercury Concentrations

Watershed	Sediment removed (cubic yards)	Hg Removed (kg)	Ave Hg Conc (mg/kg)	
			(all sites)	(sed. rem.* sites)
Guadalupe	4749	170.14	11.4	15.6
West Valley	17136	5.83	0.13	0.25
Coyote	9400	2.45	0.26	0.18
Lower Peninsula	3409	0.56	0.12	0.12
Santa Clara Basin:	**34694**	**178.97**	3.47	8.74
Uvas/Llagas	1300	0.07	0.09	0.04
Santa Clara & Pajaro River Basins:	**35994**	**179.04**	3.21	7.87

*average Hg concentration from sites with sediment removed

Site Comparison	Watershed	Hg Conc (mg/kg)	
		FY11-12	FY12-13
Lower Silver at Tully	Coyote	0.40	0.23
Lower Pen us San Andreas	Coyote	0.17	0.12
Thompson us Aborn	Coyote	0.15	0.15
Thompson us Aborn	Coyote	0.12	0.099
Guad Santa Clara to Park	Guadalupe	2.10	0.59
Guad at Capitol	Guadalupe	0.93	74.0
Ross us Los Gatos	Guadalupe	0.067	0.32
San Tomas us McCoy	West Valley	0.038	0.066
San Tomas ds Westmont	West Valley	0.088	0.051
Saratoga us Forbes	West Valley	0.11	0.11

Section 12 - Provision C.12 PCBs Controls

C.12.a.ii,iii ►Ongoing Training
(For FY 10-11 Annual Report and Each Annual Report Thereafter) List below or attach description of ongoing training development and inspections for PCB identification, including documentation and referral to appropriate regulatory agencies (e.g. county health departments, Department of Toxic Substances Control, California Department of Public Health, and the Water Board) as necessary.
Description: The Santa Clara Valley Water District does not conduct industrial inspections. See the FY 12-13 Program Annual Report for a description of training provided countywide and/or regionally.

C.12.b ►Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities **C.12.c ►Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations** **C.12.d ►Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices** **C.12.e ►Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit** **C.12.f ►Diversion of Dry Weather and First Flush Flows to POTWs** **C.12.g ►Monitor Stormwater PCB Pollutant Loads and Loads Reduced** **C.12.h ►Fate and Transport Study of PCBs In Urban Runoff** **C.12.i ►Development of a Risk Reduction Program Implemented Throughout the Region**
State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.
Summary A summary of Program and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

Section 13 - Provision C.13 Copper Controls

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

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

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

District does not have construction permit authority. Program materials and efforts are used for local implementation.

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

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

District does not allow the use of architectural copper at its facilities.

C.13.c ►Vehicle Brake Pads

Reported in a separate regional report.

A summary of the countywide Program's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of Program's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

C.13.c.iii ►Water Quality Issues Associated with Automobile Break Pads

(FY 12-13 Annual Report Only) – Assess status of copper water quality issues associated with automobile brake pads and recommend brake-pad related actions for inclusion in subsequent permits if needed.

An assessment of copper water quality issues associated with automobile brake pads and recommend brake-pad related actions for inclusion in subsequent permits is included within the C.13 Copper Controls section of Program's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

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

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

Summary

Not applicable as the Santa Clara Valley Water District (District) is not the local industrial site permitting agency.

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

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

Summary

A summary of the countywide Program and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

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

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

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

Summary

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

On property it owns, The District provides hazardous materials cleanup of legacy pesticides during demolition operations for flood control related activities.

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

Program Highlights and Evaluation
Highlight/summarize activities for reporting year:

PROGRAM EVALUATION

The District was a key partner in the development of the updated Water Utility Operation and Maintenance Discharge Model Pollution Prevention Plan. This revised plan addresses the C.15 component of the MRP and has already been implemented at the District. The District believes that its participation in the development of this updated document should help other MRP co-permittees with MRP compliance and save valuable taxpayer dollars by not needing to develop a unique plan.

HIGHLIGHTS AND ACCOMPLISHMENTS

A Water Utility Discharge training was provided by SCVURPPP on April 14, 2011 where the District assisted by presenting on two sections of pollution prevention practices and experience. For this training, the District also provided a crane with BMP equipment to display and discuss for the benefit of other water utility agencies and municipalities.

The District's Urban Runoff Program provided a Water Utility Workshop for District employees on September 9, 2013 that was attended by 24 individuals. This training was carried over from the Spring of 2013 so that important Department of Homeland Security info could be included that was not developed until July 2013.

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

Is your agency a water purveyor?	X	**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. Provide any clarifying comments below.				

Comments:
The District owns, operates, and/or maintains 3 water treatment plants, 2 pumping and metering stations, 1 pump station, 11 reservoirs, several percolation facilities, numerous water wells, a recycled water facility (South County Regional Wastewater Authority Treatment Plant), and many distribution pipelines. All of these water facilities have a potential for discharging non-storm water to surface water bodies.

A Water Utility Discharge training was provided by SCVURPPP on April 14, 2011 where the District assisted by presenting on two sections of pollution prevention practices and experience. For this training, the District also provided a crane with BMP equipment to display and discuss for the benefit of other water utility agencies and municipalities.

The District's Urban Runoff Program provided a Water Utility Workshop for District employees on September 9, 2013 that was attended by 24 individuals. This training was carried over from the Spring of 2013 so that important Department of Homeland Security info could be included that was not developed until July 2013.

The District continued reporting on all water utility O&M discharges. Reporting tables were modified to be consistent with SCVURPPP and BASMAA tables. Please see attached tables for planned (Table C.15.b.iii. (1)) and unplanned (Table C.15.b.iii. (2)) discharge information. Discharge tables include both raw water and treated water planned and unplanned discharges. Typical District discharges include raw water from water quality testing devices at District plants, San Tomas Injection Well, and Vasona Meter Shop testing.

The District's water utility maintenance staff performs all discharges. District staff implemented BMPs after consultation with the Safe Clean Water Implementation Unit.

The District continues informing the Regional Water Quality Control Board staff about planned and unplanned discharges with the use of the "Notice of Planned/Unplanned Discharge" form (attachment 15.3).)

The reported planned potable water discharges are for those discharges >15,000 gallons. Discharges <15,000 gallons are in the "Low Impact Potable Water Releases" conditionally exempt category proposed in the program's FY 11-12 Annual Report. For the "Low Impact Potable Water Releases" category, we implemented appropriate BMPs, collected discharge data, and performed verification monitoring of 5% of discharges, as described in the Program's FY12-13 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:

For outreach for less toxic pest control and appropriate irrigation practices, refer to 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 Program's FY 2012-13 Annual Report.

- The Water Conservation Unit continues to provide free residential water use audits to encourage water conservation.
- During Pollution Prevention Week in September employees are reminded to use less-toxic pest control alternatives at home. District employees are not allowed to use over-the-counter pesticides or herbicides at work unless they are certified.
- The District provides brochures on the use of drought tolerant and native vegetation.

The District maintains a 24/7 emergency response hotline that can respond to major water line breaks.

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)	Chlorine Range (mg/L)	pH (standard units)	pH Range	Discharge Turbidity[1] (NTU)	Turbidity Range	Implemented BMPs & Corrective Actions
Vasona Meter Shop*	Raw	Los Gatos Creek	Ongoing	Cont.	250,000	8,065							Continual, regular meter testing of raw water.
RWTP Vault B-46*	Ground	Storm Drain System	Ongoing	Random	Unknown	Unknown							Vault is pumped out occasionally and automatically. Not monitored. Has high level alarm. Ground and rain water.
Pacheco PP Water Quality Testing*	Raw	No Name Creek	Ongoing	Cont.	325,000	10,484							Continuous discharge from water quality testing station of water delivered by DWR. Volume estimated.
PWTP Water Quality Testing*	Raw	Storm Drain	Ongoing	Cont.	325,000	10,484							Continuous dishcarge from water quality testing station of water delivered by DWR.
Campbell Dist Vault 7	*Treated*	*Saratoga Crk*	*11/26/12-11/27/12*	*26 hrs*	*700,000*	*600,000*	*<0.03*	*0-0.3*	*7.6*	*7.5-7.7*		6.9-10.8	
Santa Clara Dist Vault 25	*Treated*	*San Tomas Aq Crk*	*11/26/12-11/27/12*	*26 hrs*	*180,000*	*160,000*	*<0.03*	*0-0.3*	*7.5*	*7.3-8*		*<10*	
Valco Turnout	*Disinfection*	*Saratoga Crk*	*12/17/12-12/18/12*	*25 hrs*	*1,000,000*	*900,000*	*<0.05*	*	*8.2*	*7.9-9.5*		*<1-12.4*	** See Unplanned for More Chlorine Data*
Campbell Turnout	*Disinfection*	*San Tomas Aq Crk*	*12/19/12-12/20/12*	*21 hrs*	*450,000*	*500,000*	*<0.05*	*	*8.5*	*7.8-9.4*		*<1-51.2*	** See Unplanned for More Chlorine Data*
	Raw	*Stevens Crk*	*1/30/13*	*3 hrs*	*170,00*	*1,360,000*	*raw*				*15*	*13-21*	

Notes:

[1] Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.
*Continuous flow discharge

Discharge benchmarks used to evaluate effectiveness of BMP:
Chlorine Residual is 0.05 mg/L
pH Ranges between 6.5 and 8.5
Turbidity of 50 NTU post-BMPs or limit increase in turbidity above background levels as follows:

Receiving Water Background	Incremental Increase
Dry Creek	50 NTU
<50 NTU	5 NTU
50-100 NTU	10 NTU
>100 NTU	10% of background

C.15.b.iii.(1) ►Unplanned 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[2] (mg/L)	pH[2] (standard units)	Discharge Turbidity[2] (NTU)	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time[3]	Inspector arrival time	Responding crew arrival time[3]
SCD	treated	Saratoga Crk	21-Jul-12	14 hrs	5.12 mil	9 MG/day	2.3			leak remediated	1200	1500	1400	next a.m.
SCD	treated	San Tomas Aq Crk	3-Aug-12	4 hrs	65,000	390,000/day	< 0.05			leak remediated, dechlor implemented	1300 on 7/25	1700	1600	
SCD	treated	Saratoga Crk	28-Aug-12	est. 16 hrs	1.7 mil	2.5 MG/day	< 0.05			leak remediated, dechlor implemented	1000	1100	1120	1200
SCD	Super Chlor	Saratoga Crk	18-Dec-12	15 min	17,000	1.6 MG/day	4			dechlor chemical restocked	830	1000	1240	830
Campbell	Super Chlor	San Tomas Aq Crk	19-Dec-12	10 min	6,600	950,000/day	16			flow rate slowed, dechlor chem incrsd	1908	1000	1130	1100

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.

3. 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.