

September 15, 2010

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

Subject: **Santa Clara Valley Water District**
FY 2009-2010 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the **Santa Clara Valley Water District (SCVWD)** pursuant to Permit Provision C.16.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2009-0074, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of activities conducted during FY 2009-2010 and consists of the following:

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

Please contact Brett Calhoun at 408-265-2600 regarding any questions or concerns.

Very truly yours,



Ann Draper
Duly Authorized Representative
Assistant Operating Officer



**Santa Clara Valley Water District
FY 2009-2010 ANNUAL REPORT**

Certification Statement

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

Signature by Duly Authorized Representative:

A handwritten signature in cursive script, appearing to read "Ann Draper", is written over a solid horizontal line.

Ann Draper
Assistant Officer

Date

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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:	R2-2009-0074				
Reporting Time Period (month/year):	July / 2009 through June / 2010				
Name of the Responsible Authority:	Ann Draper			Title:	Assistant Officer
Mailing Address:	5750 Almaden Expressway				
City:	San Jose	Zip Code:	95123	County:	Santa Clara
Telephone Number:	408-265-2600		Fax Number:		
E-mail Address:	adraper@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:		
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

Over the last decade District Urban Runoff Program staff have been instrumental in developing a significantly improved appreciation by Corp Yard staff of the need for pollution prevention. The staff of the Corp Yard have dramatically reduced the volume of potential pollutants stored on site and have implemented a very affective good housekeeping strategy. A District wide Green Business Certification has also brought a heightened environmental awareness to all District staff regarding pollution prevention.

Corp Yard stormwater samples were collected in the fall both upstream and downstream of the Sediment control best management practice device.

The District owns and operates the stormwater 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 facilities discharge to creeks, the Guadalupe River, and recharge ponds. Storm drains outside District facilities are owned and operated by the local (city or county) jurisdiction.

The District completed the following tasks:

- 1) Revised draft of Stormwater Pollution Prevention Plan for the Corporation Yard.
- 2) Continued implementation of the storm drain inspection and cleaning program.

HIGHLIGHTS AND ACCOMPLISHMENTS

The Corp Yard sampling has continued. Pollution Prevention and pollutant reduction has continued to be a focus of Corp Yard staff. Storm drain inspections and cleaning work orders continue to be distributed via the District's Comcate (field maintenance work order software) Preventative Maintenance Program for the three Water Treatment Plants. 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. The Stream Stewardship Unit has been performing storm drain inspections since FY 2005 at the Vasona Meter Shop, Corporation Yard, Headquarters and Administration Campus and the Blossom Hill Annex to ensure compliance with Urban Runoff Management Plan.

C.2.a. ► Street and Road Repair and Maintenance	
These BMPs were not applicable.	
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	
These BMPs were not applicable.	
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 clearing activities using pressure washers on sidewalks.	

C.2.c. ► Bridge and Structure Maintenance and Graffiti Removal	
An X in the boxes next to implemented BMPs indicates that these BMPs were implemented in applicable instances.	
X	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
X	Control of discharges from graffiti removal activities
X	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
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.	

C.2.d. ► Stormwater Pump Stations			
Does your municipality own stormwater pump stations:	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If your answer is No then skip to C.2.e.			
SCVWD does not own or operate storm water pumping stations and therefore is not applicable.			
C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural ¹ roads:	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If your answer is No then skip to C.2.f.			
These BMPs were not applicable.			
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: The District does not have any rural roads under its jurisdiction. The District completed a geomorphic upgrade in Jacques Gulch, in the Guadalupe watershed, which included upgrading of a culvert pipe that flows below Almaden Rd.			

¹ 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	
The boxes below that contain an X apply to our corporation yard(s):	
<input type="checkbox"/>	We do not have a corporation yard
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We certify that we have a current Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)
An X in the boxes below, next to implemented SWPPP BMPs, indicate that these BMPs were implemented in applicable instances.	
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants
<p>Comments:</p> <p>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.</p> <p>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.</p> <p>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 in September, 2008 and determined to be in need of reconstruction and cleaning which will occur in October, 2010, as it has collected sediment preventing this material from entering the Guadalupe River. Other BMPs are working effectively, as noted on the non-storm water observation forms submitted. 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 monthly to insure that soil does not leave the site and that erosion is not occurring on the property. The Camden yard was used as the site for the 2009 Rural Public Works training provided through the SCVURPPP program and hosted by the District.</p>	

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 Inspections: 8/3/09, 9/10/09, 10/15/09, 11/10/09, 1/28/10	Non-storm water discharge was not observed. The BMPs needed cleaning.	N/A
	Storm Water Inspections: 1/21/09, 12/8/09	1/21- Storm water was observed but the liquid was clear with no sheen or odor and low turbidity. 12/8 - Storm water was observed along with leafy debris in or around the BMPs.	N/A N/A
Camden Yard	4/2010	BMPs will need re-inspection in the Fall.	Visit site 9/2010
Brokaw Yard	4/2010	BMPs will need re-inspection in the Fall.	Visit site 9/2010

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

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

Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Summary:

Not required for this Annual Report.

The Santa Clara Valley Water District (District) is not the local construction activities permitting agency. The District does incorporate LID principles in its own projects and at its facilities and as part of facility retrofits. As an example at the Administration Building outdoor classroom impermeable concrete was replaced with permeable concrete. In addition the Districts Headquarters and Administration Campus parking lots incorporate vegetated swales as part of the landscape and pollution prevention structures. The recently completed District Laboratory includes a storm water sand filter system for storm water treatment and it is also used as an example for interested parties to see what a storm water detention and treatment facility looks like and how they function.

C.3.b. ► Green Streets Status Report

(All projects to be completed by December 1, 2014)

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

Summary:

The District does not have jurisdiction over streets or other roadways.

Refer to the C.3 New Development and Redevelopment section of Program’s FY 09-10 Annual Report for a description of activities of the C3PO AHTG Green Streets Work Group and the BASMAA Development Committee [note that there may also be a separate BASMAA report].

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

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

This 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 activities.
(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.

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

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

Permittee Name: _____

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

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

Facility/Site Inspected and Location	Party Responsible ¹ For Maintenance	Date of Inspection	Type of Inspection ²	Type of Treatment/HM Control(s) Inspected ³	Inspection Findings or Results ⁴	Enforcement Action Taken ⁵	Comments
Not applicable							

¹ State the responsible operator for installed stormwater treatment systems and HM controls.

² State the type of inspection (e.g., annual, follow-up, spot, etc.).

³ 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.

⁴ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

⁵ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

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

C.4.a.ii ► Legal Authority

Do you have adequate legal authority to obtain effective stormwater pollutant control on industrial sites?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If No , explain: Not applicable as the Santa Clara Valley Water District (District) is not the local industrial site permitting agency.				

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

Have you developed and implemented an Enforcement Response Plan by April 1, 2010?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If No , explain: Not applicable as the Santa Clara Valley Water District (District) is not the local industrial site permitting agency.				

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.
Not applicable to the Santa Clara Valley Water District.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	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

Not applicable to the Santa Clara Valley Water District.
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C.4.c.iii.(2) ▶ Frequency and Types/Categories of Violations Observed

Not applicable to the Santa Clara Valley Water District.

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

Not applicable to the Santa Clara Valley Water District.

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

Not applicable to the Santa Clara Valley Water District.

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.				

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

C.5.a.ii ► Legal Authority			
(For FY 09-10 Annual Report only) Do you have adequate legal authority to prohibit and control illicit discharges and escalate stricter enforcement to achieve expedient compliance?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>If No, explain: The Municipalities and County have sole jurisdiction over their respective storm drain systems. SCVWD does not own or operate public storm drain systems and therefore does not have legal authority over illicit connections and illegal dumping into the storm drain system.</p> <p>SCVWD's does have some legal authority over direct discharges to waterways that it owns or operates through an easement through its "Water Resource Protection Ordinance" (Ordinance 06-01). This ordinance establishes District permitting authority only over lands and facilities "owned, controlled, operated, or maintained by the District" and requires outside parties to obtain an encroachment permit for any modification to District facilities including but not limited to development activities. The District may issue an encroachment permit if it finds, based on substantial evidence, that the proposed modification conforms to requirements of the District Water Resources Protection Manual such that, among other things, it will not pollute or erode waterways. Violators may be served a written "compliance order" delivered in person or by US Mail to the person responsible for the violation. Following prescribed hearings the District Chief Executive Officer (CEO) may impose administrative penalties up to \$1000 per day (not to exceed \$100,000 in total) for continuing violations. In addition to financial penalties the District may recoup administrative costs - potentially including any abatement costs - incurred by the District with regard to the violation. Additionally, violations of the Water Resource Protection Ordinance are punishable as a misdemeanor and may also be enjoined by civil action.</p> <p>Utilization of enforcement components within the Water Resource Protection Ordinance is often either impractical or unnecessary when dealing with illegal dumpers. This is because the parties responsible for illegal dumping can only rarely be identified and sometimes the cost of enforcement may exceed the cost of simply absorbing the clean-up expense. In the case of significant spills the responsible party, if they can be identified, is usually eager to implement clean-up activities in order to avoid prosecution under more serious municipal, county, state, and federal codes. In instances where an uncooperative responsible party can be identified, the District will implement ordinance provisions such as compliance orders and administrative penalties and costs as appropriate. Additionally, District ordinance violation may be added to the list of violations prosecuted by the Santa Clara County District Attorney. During FY 09-10 no compliance orders, administrative penalties, administrative costs, civil actions, or misdemeanor prosecutions were brought against Ordinance 06-01 illegal dumping violations.</p>			

C.5.b.ii.(4) ► Enforcement Response Plan			
(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>If No, explain: SCVWD Does not have police powers or citation authority. All district property and facilities fall within the jurisdiction of municipal or county code enforcement regulations. The District's Enforcement Response Plan derives from enforcement procedures related to Ordinance 06-01 violations</p>			

that are defined within the ordinance as described in C.5.ii above, and Watershed Resource Protection Ordinance Enforcement work instructions maintained in the District's watershed division quality and environmental management system as document number WW75181.

Program Highlights

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

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, county wide 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.

The ER Program is recognized as an effective and timely means of addressing acute contaminants that are illegally dumped or discharged to District lands and facilities. The Emergency Response Program's performance was evaluated by four mechanisms during FY09: (1) within the context of the District's Clean, Safe Creeks program (semi-annually); (2) by the District CEO's scorecard (quarterly); and (3) by an external ISO 9000/14000 recertification audit (December 2007). The results of these evaluations were as follows: (1) the Clean, Safe Creeks key performance indicator was met; (2) the program received a "Superior" rating (the highest rating possible) on the CEO scorecard based on phone and field response times; and (3) the ER Program passed the quality and environmental recertification audit of date according to ISO 9000 and 14000 standards.

The District received and responded to a total of 93 emergency response reports throughout Santa Clara County during fiscal year 2009-2010. This total is down from the 116 reports in FY 08-09. Of the 93 total incidents reported during the last fiscal year, 82 were within the jurisdiction of the San Francisco Bay Regional Board. 54 required a field response by a team member or members for general investigation, source identification, multi-agency coordination, clean up or evidence collection. The District is one of the few Santa Clara County Permittees that has 24 hour availability to implement acute stormwater 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 schedule business hours for the jurisdictional authority whether it be our co-permittees, state or federal agencies. The District responded within the two hour target field response time, 100% of the time in 2009-2010 for all incidents.

Water Resource Protection Ordinance Enforcement

As previously reported there were no compliance orders, administrative penalties, administrative costs, civil actions, or misdemeanor prosecutions brought against Ordinance 06-01 violators during FY 09-10. Additionally, District emergency responders continue to work cooperatively to assist investigations by law enforcement agents at the Department of Fish and Game and the District Attorney's Office, as well as municipal and Regional Board code enforcement staff.

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	<p>The pollution hotline should be used to report the presence of hazardous and non-hazardous pollutants that acutely impact or threaten district-owned surface waters.</p> <ol style="list-style-type: none"> 1. The caller will be greeted by a automated message and asked to record information about the incident 2. The hotline will then notify a district responder to make a return call to the reporting party and assess the information 3. If the situation warrants, district staff will investigate further or refer the incident for timely response 	1-888-510-5151

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: NA

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: NA

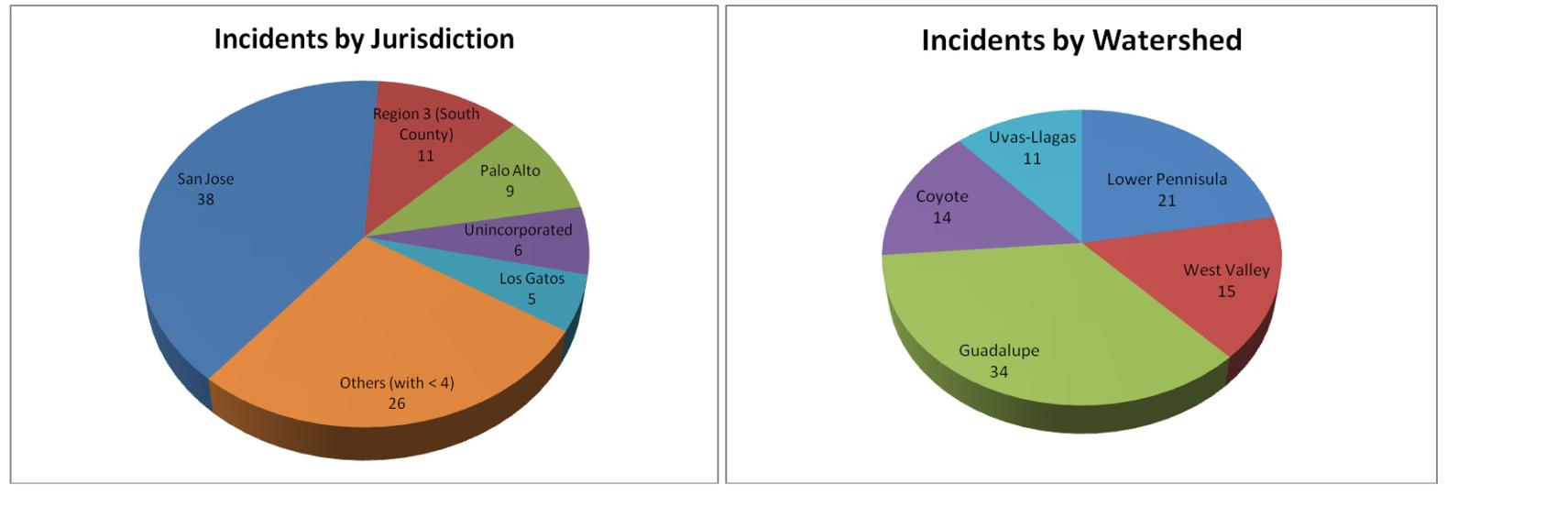
C.5.f.iii.(1), (2), (3) ▶ Spill and Discharge Complaint Tracking

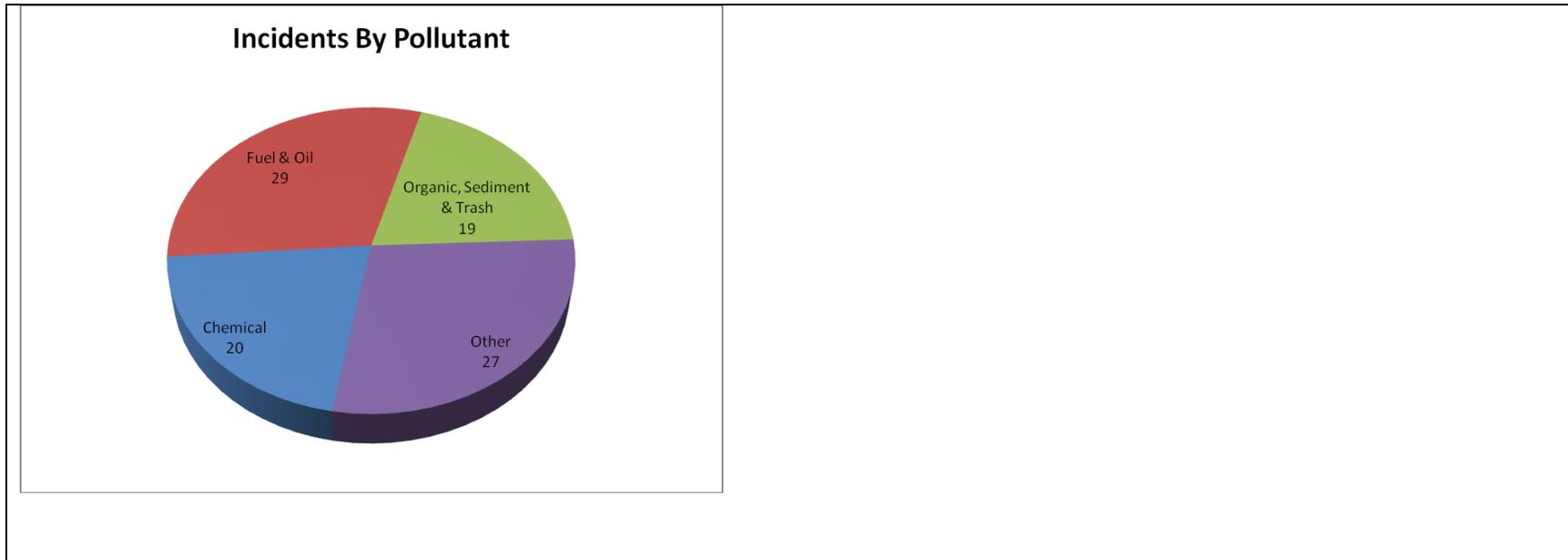
	Number	Percentage
Discharges reported (C.5.f.iii.(1))	93	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	Not Tracked for FY10	-
Discharges resolved in a timely manner (C.5.f.iii.(3))	93	100

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

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

The following charts illustrate incidents by watershed, jurisdiction, 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 number of incidents. As a pollutant category, fuel & oil accounted for the most number of incidents.





Section 6 – Provision C.6 Construction Site Controls

C.6.a.iii ► Legal Authority			
Is your agency's legal authority adequate for C.6 compliance?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If No , explain: The Santa Clara Valley Water District (District) is not the local permitting agency.			

C.6.b.ii.(3) ► Enforcement Response Plan			
Was your Enforcement Response Plan developed and implemented by April 1, 2010?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If No , explain: An enforcement response plan was developed and implemented by April 1, 2010. Since that time the enforcement response plan has been updated. See attached Enforcement Response Matrix.			

C.6.e.iii.1.a, b, c ► Site/Inspection Totals		
Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (C.6.e.iii.1.c)
9	8	(Data is still being compiled)

C.6.e.iii.1.d ► Construction Activities Storm Water Violations		
BMP Category	Number of Violations ¹	% of Total Violations ²
Erosion Control	0	NA
Run-on and Run-off Control	0	NA
Sediment Control	0	NA
Active Treatment Systems	0	NA
Good Site Management	0	NA
Non Stormwater Management	0	NA
Total		NA

Notes:

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

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

C.6.e.iii.1.e ► Construction related storm water enforcement actions			
	Enforcement Action (as listed in ERP) ¹	Number Enforcement Actions Taken	% Enforcement Actions Taken ²
Level 1	NA	0	NA
Level 2	NA	0	NA
Level 3	NA	0	NA
Level 4	NA	0	NA
Total		0	NA

Notes:

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

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

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

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

	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	0	NA
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	NA ³
Total number of violations for the reporting year ¹	0	NA

Notes:

¹Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

²Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

³Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

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

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).

Description:
 This year the District did not have any violations reported during construction site inspections. The District has developed a new system to track construction site inspections and violations.

The Stream Stewardship Unit did not have staff in 2009-2010 to conduct pre-rainy season inspections to facilitate site compliance. However for 2010-2011 staff resources do exist to continue inspections whenever they are requested by Construction Inspection Unit staff. In 2009-2010 the Stream Stewardship Unit focused on training engineers and construction staff on the new statewide general construction permit, the tier requirements and addressing the legally responsible party issue, as well as providing guidance on who can be a Qualified SWPPP Developer and a Qualified SWPPP Practitioner. In 2010-2011 improvements are being implemented to enhance evaluations.

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 to facilitate compliance and follow up inspections. The Stream Stewardship Unit continued to coordinate with the construction inspectors in the field to go over SWPPP implementation at the construction sites. The Stream Stewardship Unit coordination proved beneficial, and will continue providing monthly reminders to Construction Inspection Unit staff to complete SWPPP implementation paper work during FY 10-11.

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

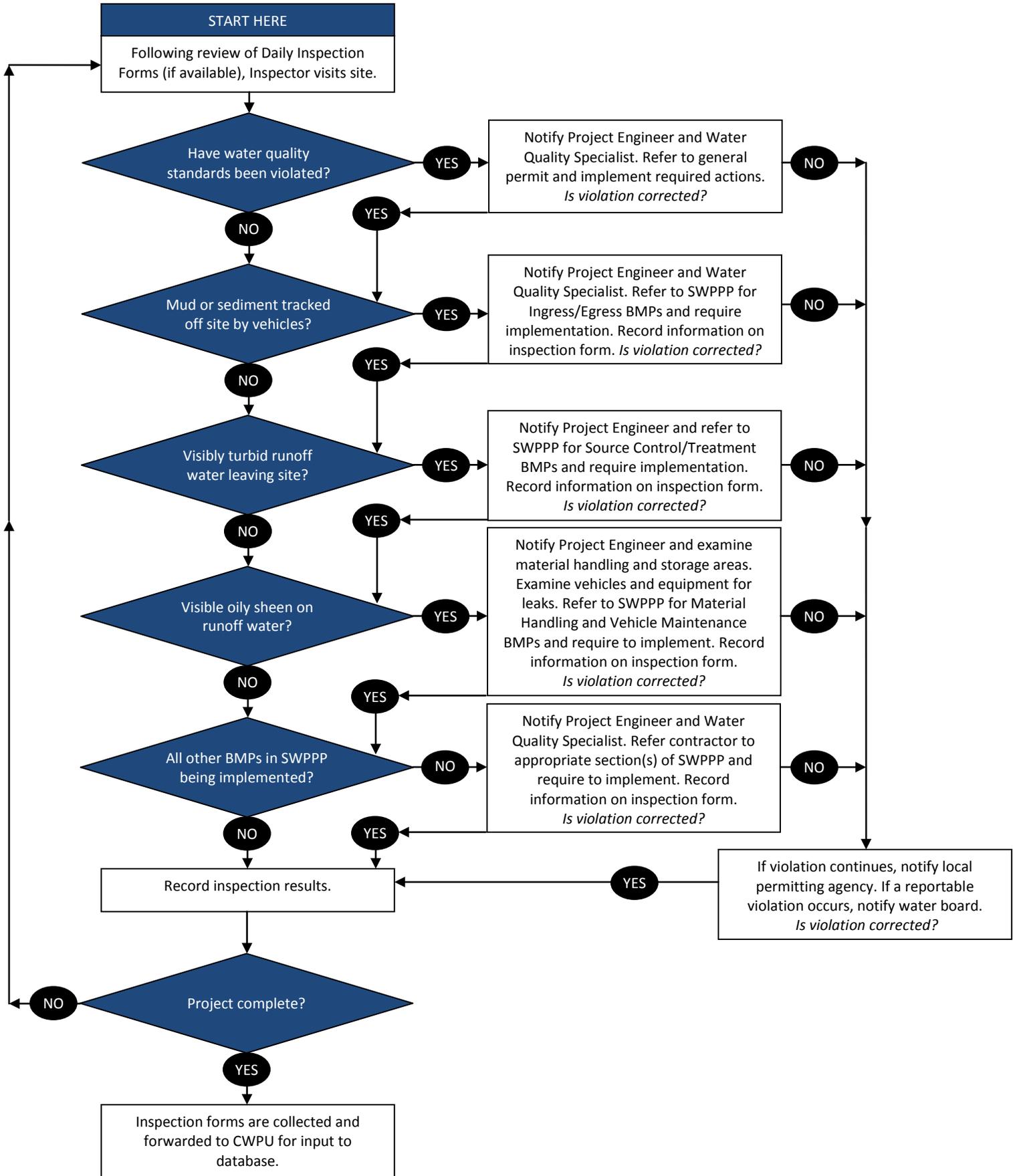
In FY 09-10, the District had 17 Capital Improvement Projects (CIP) under construction that included flood protection/channel improvement projects. Stream Stewardship Unit assisted with review of CIP SWPPPs on occasion. A table showing the inspections completed is included with this section.

All Steam Maintenance Program (SMP) work is reported by the Stream Stewardship Unit in the SMP annual SMP post-construction report due every January. This annual report is also submitted to the Regional Water Quality Control Board (RWQCB). The SMP report outlines activities completed to maintain the flood conveyance capacity and indicates what erosion repairs where implemented to reduce fine grained sediment availability, stabilize channel banks and protect property. The specific of each project are thoroughly described in the SMP Annual Report.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
SCVURPPP Construction Site Inspection Training	10/21/09	Inspection and enforcement procedure, Complaint controls	4	
<i>Construction Stormwater Management Compliance Workshop</i>	1/19/10	SWPPP submittals, Site monitoring	1	
<i>Construction Stormwater Management Compliance Workshop</i>	1/20/10	SWPPP submittals, Site monitoring	5	
Construction Site Stormwater Compliance Workshop	5/19/10	SWPPP submittals, Site monitoring	43	

CONSTRUCTION BMP ENFORCEMENT RESPONSE PLAN



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

C.7.b.ii.1 ▶ Advertising Campaign

The cornerstone of the Program’s outreach activities is the Watershed Watch Campaign (Campaign). The Campaign completed 10 years of implementation (and 9 years of advertising) in FY 09-10. The Campaign implemented various outreach activities including media advertising.

The following separate reports developed by SCVURPPP summarize countywide advertising efforts conducted during FY 09-10:

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

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

C.7.b.iii.1 ▶ Pre-Campaign Survey

Not required for this Annual Report.

<input type="checkbox"/>	Survey report attached
<input type="checkbox"/>	Reference to regional submittal:

C.7.c ▶ Media Relations

The Program participated in the BASMAA Media Relations Project which conducted three pitches. The pitches were on pesticides, car washing and litter, relating specifically to plastic bags.

In addition, on February 2, 2010, San Jose Mercury News’ Action Line Column included a letter about draining pool water. Program staff developed a response and it was printed in Dennis Rockstroh’s column on February 24, 2010.

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

- BASMAA Media Relations Final Report

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

C.7.d ► Stormwater Point of Contact

The Program maintained two toll free telephone numbers, the Program’s information number (800-794-2483) and the Watershed Watch hotline (866-WATERSHED), for calls from the general public and requests for information. Program and Watershed Watch consultant staff continued to maintain the Program and Watershed Watch websites respectively.

The District maintained a 24-7 emergency response hotline (888-510-5151) and website (www.valleywater.org).

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-WATERSHED) 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 ten outreach events in FY 09-10. 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, 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 beanbag game for children was used at most of the events. Event staff distributed more than 5,000 outreach materials and giveaways.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Name: Pumpkins in the Park Date: October 10, 2009 Location: Guadalupe River Park and Gardens, San Jose Region: Countywide	Type of Event: Community fair Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of household hazardous waste (HHW).	General Feed Back: The event was very well attended. A lot of attendees stopped at the booth to play the bean bag game and pick up brochures. This is a good event for educating families with children. Estimated Overall Event Attendance: 12,000-14,000. Number of Brochures Distributed: 432 Number of Giveaways Distributed: over 1,000
Name: Muslim Green Fair Date: October 18, 2009 Location: 3003 Scott Blvd., Santa Clara	Type of Event: Community fair Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal	General Feed Back: This is a good event for reaching members of the Muslim community. The bean bag game was used at this event. Estimated Overall Event Attendance: 1,000

Region: Countywide	of HHW	Number of Brochures Distributed: 14 Number of Giveaways Distributed: 221
Name: Haunted History Date: October 31, 2009 Location: History Park at Kelley Park, San Jose Region: Countywide	Type of Event: Halloween Event Audience: Families Message: Stormwater pollution prevention.	General Feed Back: This event is good for getting the Program's name out, but not for educating attendees. Most children stop at the booth only for candies and are not receptive to information. Estimated Overall Event Attendance: 1,500 Number of Brochures Distributed: 12 Number of Giveaways Distributed: 267
Name: Spring Garden Market Date: April 10, 2010 Location: History Park at Kelley Park, San Jose Region: Countywide	Type of Event: Plant sale Audience: Home owners/gardeners Message: Stormwater pollution prevention, less-toxic pest control	General Feed Back: Most people came to the event to buy plants and did not want to pick up information. The Program will probably not attend this event next year. Estimated Overall Event Attendance: 3,000 Number of Brochures Distributed: 181 Number of Giveaways Distributed: 61
Name: NVIDIA Corp. Earth Day Event Date: April 22, 2010 Location: 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 Feed Back: The event was held during lunch hour in the cafeteria and very well attended. Most employees stopped at the booth to ask questions and take brochures. Estimated Overall Event Attendance: 500 Number of Brochures Distributed: 60 Number of Giveaways Distributed: 183
Name: Spring in Guadalupe Gardens Date: April 24, 2010 Location: Guadalupe River Park and Gardens, San Jose Region: Countywide	Type of Event: Community fair, plant sale. Audience: Families with children, homeowners and gardeners Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.	General Feed Back: Good attendance at booth. Most people were looking for specific pest control information. The bean bag toss game was used. Estimated Overall Event Attendance: 4,500 Number of Brochures Distributed: 423 Number of Giveaways Distributed: 797
Name: Watershed Watch Car Wash Event Date: May 5, 2010 Location: Robertsville Classic Car Wash, 5005 Almaden Expwy, San Jose	Type of Event: Car Wash Audience: Car wash customers Message: Stormwater pollution prevention, proper car washing.	General Feed Back: Excellent turn-out, resulted in a 50% increase of business for the car wash during the 2-hour time period. Event staff spoke with customers and provided them information

<p>Region: Countywide</p>		<p>on proper car washing. Most people were interested in taking the Watershed Watch discount card. Estimated Overall Event Attendance: 150 Number of Brochures Distributed: 103 Number of Watershed Watch Discount Cards Distributed: 129</p>
<p>Name: Watershed Watch Car Wash Event Date: May 19, 2010 Location: Delta Queen Classic Car Wash, 981 E Hamilton Ave, Campbell Region: Countywide</p>	<p>Type of Event: Car Wash Audience: Car wash customers Message: Stormwater pollution prevention, proper car washing.</p>	<p>General Feed Back: Due to a rainy day forecast, attendance was low at this event. Estimated Overall Event Attendance: 45 Number of Brochures Distributed: 34 Number of Watershed Watch Discount Cards Distributed: 49</p>
<p>Name: Watershed Watch Car Wash Event, Date: June 2, 2010 Location: Capitol Premier Car Wash, 735 Capitol Expwy Auto Mall, San Jose Region: Countywide</p>	<p>Type of Event: Car Wash Audience: Car wash customers Message: Stormwater pollution prevention, proper car washing.</p>	<p>General Feed Back: Good turn-out. Car wash owner indicated there was an increase in business from their normal expectations. Estimated Overall Event Attendance: 100 Number of Brochures Distributed: 101 Number of Watershed Watch Discount Cards Distributed: 107</p>
<p>Name: Festival in the Park Date: June 26, 2010 Location: Hellyer County Park, San Jose Region: Countywide</p>	<p>Type of Event: Community Health Fair Audience: Families with children. Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.</p>	<p>General Feed Back: Good event for reaching the Hispanic community. The bean bag game drew a lot of families with children to the booth. Estimated Overall Event Attendance: 5,000 Number of Brochures Distributed: 418 Number of Giveaways Distributed: 365</p>
<p>In addition, the District water conservation and pollution prevention units staffed ten outreach events in FY 09-10. 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). Items distributed by the District were not tracked during FY 09-10. Units distributing materials will be asked to track items in the future.</p>		
<p>Name: Ladies Night Out at Summerwinds Nursery Date: July 23, 2009 Location: Summer Winds Nursery, 4606 Almaden</p>	<p>Type of Event: Gardening Fair Audience: Residents. Message: Water conservation, proper</p>	<p>General Feed Back: Good event for reaching residents interested in gardening and proper irrigation techniques.</p>

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Permittee Name: SCVWD

C.7 – Public Information and Outreach

Expressway , San Jose Region: Countywide	irrigation techniques, Stormwater pollution prevention.	Estimated Overall Event Attendance: 200 Number of Brochures Distributed: Number of Giveaways Distributed:
Name: Fall Garden Fair at Yamagami's Nursery Date: September 19 & 20, 2009 Location: Yamagami's Nursery, 1361 South De Anza Blvd., Cupertino Region: Countywide	Type of Event: Gardening Fair Audience: Residents. Message: Water conservation, proper irrigation techniques, Stormwater pollution prevention.	General Feed Back: Good event for reaching residents interested in gardening and proper irrigation techniques. Estimated Overall Event Attendance: 250 Number of Brochures Distributed: Number of Giveaways Distributed:
Name: Rinconada Open House Date: September 23, 2009 Location: Rinconada Water Treatment Plant, 400 More Avenue, Los Gatos Region: Neighborhood Event	Type of Event: Water Treatment Plant Open House. Message: Water conservation, Stormwater pollution prevention.	General Feed Back: Good event for reaching neighborhood residents. Estimated Overall Event Attendance: 50 Number of Brochures Distributed: Number of Giveaways Distributed:
Name: Green Fair for Maxim-IC Corp Date: October 1, 2009 Location: Maxim-IC Corporation, Maxim Parking Lot, 120 San Gabriel Drive, Sunnyvale Region: Countywide	Type of Event: Corporate event Audience: Information Technology Professionals Message: Stormwater pollution prevention, water conservation	General Feed Back: The event was held during lunch hour in the parking lot and was very well attended. Most employees stopped at the booth to ask questions and take brochures. Estimated Overall Event Attendance: 100 Number of Brochures Distributed: Number of Giveaways Distributed:
Name: YSI Wildlife Festival Date: October 4, 2009 Location: Alum Rock Park, San Jose Region: Countywide	Type of Event: Festival Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of household hazardous waste (HHW).	General Feed Back: The event was very well attended. A lot of attendees stopped at the booth to talk and pick up brochures. This is a good event for educating families with children. Estimated Overall Event Attendance: 700. Number of Brochures Distributed: Number of Giveaways Distributed:
Name: NASA Ames Safety Fair Week Date: October 8, 2009 Location: NASA Ames Research Center M/S 218-1, Moffett Field Region: Countywide	Type of Event: Corporate event Audience: Aeronautical Professionals Message: Stormwater pollution prevention, water conservation	General Feed Back: The event was held during lunch hour in the cafeteria and was very well attended. Most employees stopped at the booth to ask questions and take brochures. Estimated Overall Event Attendance: 80 Number of Brochures Distributed: Number of Giveaways Distributed:

<p>Name: Summerwinds Nursery Fall Fair Date: October 10, 2009 Location: Summer Winds Nursery, 805 Yuba Drive, Mountain View Region: Countywide</p>	<p>Type of Event: Gardening Fair Audience: Residents. Message: Water conservation, proper irrigation techniques, Stormwater pollution prevention.</p>	<p>General Feed Back: Good event for reaching residents interested in gardening and proper irrigation techniques. Estimated Overall Event Attendance: 50 Number of Brochures Distributed: Number of Giveaways Distributed:</p>
<p>Name: San Jose Fall Home Show Date: October 16, 17 & 18, 2009 Location: San Jose McEnery Convention Center, 435 South Market Street, San Jose Region: Countywide</p>	<p>Type of Event: Home & Garden Show Audience: Families Message: Stormwater pollution prevention, water conservation</p>	<p>General Feed Back: Good event for distributing irrigation, planting and water conservation information. Estimated Overall Event Attendance: 4,000 Number of Brochures Distributed: Number of Giveaways Distributed:</p>
<p>Name: Sixteenth Annual Spring Garden Market Date: April 10, 2010 Location: History San Jose- Kelley Park, 1650 Senter Road, San Jose Region: Countywide</p>	<p>Type of Event: Plant sale Audience: Home owners/gardeners Message: Stormwater pollution prevention, water conservation materials</p>	<p>General Feed Back: Most people came to the event to buy plants. Estimated Overall Event Attendance: 3,000 Number of Brochures Distributed: Number of Giveaways Distributed:</p>
<p>Name: Verisign Earth Day Fair Date: April 14, 2010 Location: Verisign, 685 E. Middlefield Road, Mountain View Region: Countywide</p>	<p>Type of Event: Corporate event Audience: Information Technology Professionals Message: Stormwater pollution prevention, water conservation</p>	<p>General Feed Back: The event was held during lunch hour in the cafeteria and was very well attended. Most employees stopped at the booth to ask questions and take brochures. Estimated Overall Event Attendance: 100 Number of Brochures Distributed: Number of Giveaways Distributed:</p>

C.7.f. ► Watershed Stewardship Collaborative Efforts

During FY 09-10, the Program continued to participate in the Santa Clara Basin watershed Management Initiative.

During FY 09-10, the Program actively supported the Santa Clara Basin Watershed Initiative (SCBWMI), including the Core Group, the Land Use Subgroup, and the Trash Subgroup (now the Santa Clara Valley Zero Litter Initiative); the Bay Area Macroinvertebrate Bioassessment Information Network (BAMBI); and the Stevens & Permanente Creeks Watershed Council. Information on these efforts is included within the C.7 Public Information and Outreach section of the Program’s FY 09-10 Annual Report.

District staff participated in the Trash Summit, Zero Litter Initiative and the Product Action Committee.

C.7.g. ► Citizen Involvement Events		
<p>The Program provided funding for the following citizen involvement events:</p> <ol style="list-style-type: none"> 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 7-5. 		
Event Details	Description	Evaluation of effectiveness
Name: Summer of Service Programs Date: 7/16/09, 7/30/09, 8/13/09 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 7/16/09: 2 elementary school students and 6 middle school students. Number of attendees on 7/30/09: 10 middle school students. Number of attendees on 8/13/09: 8 middle school students.
Name: Gardening at the Refuge Date: 11/21/09 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide	Participants usually work in the Refuge gardens planting native plants, pulling non-native plants, and mulching.	Number of attendees: 4 elementary school students, 2 high school students, and 9 adults.
Name: Community Service Days Date: 1/16/10, 3/20/10, 4/17/10, 5/17/10 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide	This is an open day for the general public. Participants work in the gardens planting native plants, pulling non-native plants, and mulching.	Number of attendees on 1/16/10: 1 elementary school student, 1 high school student, and 6 adults. Number of attendees on 3/20/10: 1 elementary school student and 6 adults. Number of attendees on 4/17/10: 4 elementary school students and 4 adults. Number of attendees on 5/17/10: 13 elementary school students and 7 adults.
Name: National River Cleanup Day Date: 5/15/10 Location: Various locations throughout the	In FY 09-10, the Creek Connection Action Group sponsored two creek clean-up events: Coastal Clean-up Day on September 19, 2009 and National Rivers Clean-up Day on May 15,	A total of 1,068 volunteers participated in cleaning 34 sites and removed approximately 29,098 pounds of trash and 6,394 pounds of recyclables from creeks.

County Focus: Countywide	2010. The Program provided funding for the National Rivers Clean-up Day advertising.	
In addition, the District provides support for the following citizen involvement events: <ol style="list-style-type: none"> 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. 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 back to the California Coastal Commission. 3) Adopt-A-Creek Program – The District administers the Adopt-A-Creek Program, providing cleanup supplies and pickup of collected trash. 		
Name: Coastal Cleanup Day Date: 9/19/09 Location: 35 locations throughout Santa Clara County Focus: Countywide	Creek Connection Action Group sponsored Coastal Clean-up Day on September 19, 2009. The District chairs CCAG, providing meeting support and supplies for the cleanup.	A total of 1,486 volunteers participated in cleaning 35 sites and removed approximately 23,173 pounds of trash and 7,499 pounds of recyclables from 56.7 miles of creeks.
Name: National River Cleanup Day Date: 5/15/10 Location: 34 locations throughout Santa Clara County Focus: Countywide	Creek Connection Action Group sponsored National River Clean-up Day on May 15, 2010. The District chairs CCAG, providing meeting support and supplies for the cleanup.	A total of 1,068 volunteers participated in cleaning 34 sites and removed approximately 29,098 pounds of trash and 6,394 pounds of recyclables from 66.4 miles of creeks.
Special Note for FY 2010-11	Coastal Cleanup Day, September 25, 2010, has grown by 23% to 43 sites throughout Santa Clara County.	
Name: Adopt-A-Creek Program Date: Ongoing throughout the year Location: various locations throughout Santa Clara County Focus: Countywide	The Adopt-A-Creek program was established in 1994 to encourage residents of Santa Clara County to take an active role in helping to preserve the health and beauty of our local creeks. Partners are asked to conduct a minimum of two cleanup events per year. The District supplies gloves and trash bags and picks up the collected trash.	There are currently 106 Adopt-A-Creek partners that conducted 58 cleanup events in FY 09-10. Details are included on Table 7-1 in Appendix 7.
The following separate reports developed by SCVURPPP and other organizations also include information about citizen involvement events conducted during FY 09-10:	<ul style="list-style-type: none"> • Watershed Watchers: Keeping Our Waterways Clean: FY 09-10 Fourth Quarter Report (includes end-of-year Summary from Alviso Education Center) • Going Native Garden Tour 2010- Summary 	

	Report These reports are included within the C.7 Public Information and Outreach section of Program’s FY 09-10 Annual Report.”	
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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 7-5. The ZunZun Final Report is included in the Program Annual Report Appendix 7-7.

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.	14,161 students	ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 130 completed evaluation cards from teachers. Overall, the feedback is positive and indicates an increase in the students’ knowledge about watersheds and pollution prevention. A few highlights of the evaluations are: <ul style="list-style-type: none"> • Twenty-two teachers indicated that after the performance, 50% of their students knew what a watershed is; 51 teachers indicated that 75% of their students knew what a watershed is and 28 teachers indicated that 100% of their students knew what a watershed is. • Eight teachers indicated that after the performance, 50% of their students could name a way to prevent pollution in the watershed; 38 teachers indicated that 75% of their students could name a way

			<p>to prevent pollution in the watershed; and 78 teachers indicated that 100% of their students could name a way to prevent pollution in the watershed.</p> <p>The Final Teacher Evaluation Report is included in the Program Annual Report Appendix 7-7.</p>
<p>Name: Watershed Watchers Program at Don Edwards Wildlife Refuge in Alviso Grade or level: elementary, middle, high school</p>	<p>The Refuge offers a number of interpretive programs to educate children and youth about preventing urban runoff pollution. These include: Bike the Levees; Discover Native Species; Habitat Exploration; Living Wetlands; Marshes, Mud and Plankton; Quackers and Honkers; and Water Water Everywhere.</p>	<p>80 pre-kindergarteners, 1,359 elementary school students, 33 middle school students, and 199 high school students</p>	<p>Visitor Surveys are used to determine visitor demographics, effectiveness of publicity, and the effectiveness of the Watershed Watchers Program.</p> <p>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.</p> <p>Results of both these evaluation mechanisms are summarized in the Watershed Watchers Fourth Quarter Report included in the Program Annual Report Appendix 7-5.</p>
<p>The District has a very active School Outreach Program that reaches student from PreK to college. District staff conduct in-classroom presentations and tours at three outdoor classroom facilities. A table of students reached is included in Table 7.2</p>			
<p>Name: Santa Clara Valley Water District School Outreach Program</p>	<p>The District offers classroom presentations that are correlated to State Standards for grades PreK through College. Topics covered include: water conservation, water quality, pollution prevention, water sources, watersheds, stewardship and flood safety.</p>	<p>Number of educators reached: 627 Number of classes reached: 627 Number of students reached: 11,492 PreK 475 Kindergarten 1,412 First 2,070 Second 2,052 Third 1,785 Fourth 489 Fifth 2,035</p>	<p>Teacher surveys are used to determine effectiveness of the program and provide input for changes.</p>

		Sixth 315 Eighth 40 High School 72 Multi-Grade 548 College 199	
<p>The following separate reports developed by SCVURPPP and other organizations also include information about school-age children outreach efforts conducted during FY 09-10:</p>	<ul style="list-style-type: none"> • ZunZun School Assemblies for Watershed Watch Campaign- FY 09-10 Academic Year Final Report • Memorandum- Evaluation of the School Assembly Program- FY 09-10 • Watershed Watchers: Keeping Our Waterways Clean: FY 09-10 Fourth Quarter Report (includes end-of-year Summary from Alviso Education Center) <p>These reports are included as within the C.7 Public Information and Outreach section of Program's FY 09-10 Annual Report."</p>		

**Santa Clara Valley Water District
2009-10 Adopt-A-Creek Cleanup Events**

TABLE 7-1

Sorted by Creek Name

Creek Name	Reach	Date
Calera Creek	Escuela Parkway to Highway 680	9/26/09
Coyote Creek	Highway 101 to Lower Silver Creek Confluence	9/27/09
Coyote Creek	Highway 101 to Lower Silver Creek Confluence	4/23/10
Guadalupe Creek	Croydon Avenue to Mireille Drive	1/30/10
Guadalupe Creek	Boone Drive to Coleman Road	10/18/09
Guadalupe Creek	Camden Avenue to Shannon/Hicks Road	3/15/10
Guadalupe River	Tasman Drive to Montague Expressway	8/30/09
Guadalupe River	Tasman Drive to Montague Expressway	10/11/09
Guadalupe River	Tasman Drive to Montague Expressway	5/23/10
Guadalupe River	Montague Expressway to Highway 880	9/19/09
Guadalupe River	Coleman Avenue to Julian Street	5/1/10
Guadalupe River	West Julian Street to Santa Clara Street	11/21/09
Guadalupe River	Santa Clara Street to Woz Way	12/17/09
Guadalupe River	Foxworthy Avenue to Capital Expressway	6/9/10
Guadalupe River	Branham Lane to Coleman Road	7/19/09
Guadalupe River	Branham Lane to Coleman Road	9/20/09
Guadalupe River	Branham Lane to Coleman Road	10/4/09
Guadalupe River	Branham Lane to Coleman Road	11/1/09
Guadalupe River	Branham Lane to Coleman Road	12/6/09
Los Gatos Creek	South Bascom Avenue to Campbell Avenue	8/8/09
Los Gatos Creek	South Bascom Avenue to Campbell Avenue	9/14-17/09
Los Gatos Creek	South Bascom Avenue to Campbell Avenue	2/13/10
Los Gatos Creek	South Bascom Avenue to Campbell Avenue	4/17/10
Los Gatos Creek	Campbell Avenue to Camden Avenue	4/17/10
Lower Penitencia Creek	Montague Expressway to Serra Way	9/19/09
Lower Penitencia Creek	Montague Expressway to Serra Way	2/16/10
Lower Penitencia Creek	Montague Expressway to Serra Way	5/22/10
Oka Lane Perc Pond	Highway 880 to West Mozart Avenue	8/30/09
Oka Lane Perc Pond	Highway 880 to West Mozart Avenue	3/14/10
Randol Creek	Almaden Expressway to Camden Avenue	8/26-28/09
Randol Creek	Almaden Expressway to Camden Avenue	9/8-15/09
Randol Creek	Foxhurst Way to Calcaterra Drive	10/10/09
Randol Creek	Foxhurst Way to Calcaterra Drive	3/13/10
Ross Creek	Harwood Road to Leigh Avenue	9/5/09
Ross Creek	Los Gatos-Almaden Road to Camino Del Cerro	4/29/10

**Santa Clara Valley Water District
2009-10 Adopt-A-Creek Cleanup Events**

TABLE 7-1

Sorted by Creek Name

Creek Name	Reach	Date
San Francisquito Creek	Downstream of Highway 101	12/12/09
San Tomas Aquino Creek	Tasman Avenue to Highway 101	10/22/09
San Tomas Aquino Creek	Tasman Avenue to Highway 101	6/23/10
San Tomas Aquino Creek	Silacci Drive to Highway 85	5/19/10
San Tomas Aquino Creek	Silacci Drive to Highway 85	5/21/10
San Tomas Aquino Creek	Silacci Drive to Highway 85	5/25/10
Saratoga Creek	Cabrillo Avenue to Warburton Avenue	10/17/09
Saratoga Creek	Cabrillo Avenue to Warburton Avenue	6/26/10
Saratoga Creek	Warburton Avenue to El Camino Real	11/21/09
Saratoga Creek	Benton Street to Homestead Road	6/8/10
Saratoga Creek	Pruneridge Avenue to Lawrence Expressway	10/11/09
Saratoga Creek	Stevens Creek Blvd. to Prospect	9/29/09
Saratoga Creek	Crestbrook Drive to Scotland Drive	4/18/10
Smith Creek	Elam Avenue to Hacienda Avenue	8/29/09
Stevens Creek	Central Expressway to Moffett Blvd.	7/17/09
Stevens Creek	Crittenden Lane to Landess Elementary School	4/17/10
Stevens Creek	Crittenden Lane to Highway 101	4/9/10
Stevens Creek	El Camino Real to Highway 85	1/9/10
Stevens Creek	McClellan Road to Mira Vista Avenue	4/25/10
Thompson Creek	Quimby Road to Everdale Drive	9/19/09
Thompson Creek	Quimby Road to Everdale Drive	5/15/10
Upper Penitencia Creek	Piedmont Road to Nobel Avenue	9/19/09
Uvas Creek	Thomas Road to West Tenth Street	10/11/09

TABLE 7.2 2009-2010 SCHOOL OUTREACH PROGRAM

		2009						2010							
Number of Students by:		July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Totals	% Coverage
Watershed	Adobe	0	0	0	0	0	0	32	0	0	0	0	0	32	0.28
	Calabazas	0	0	0	0	156	32	318	108	0	68	25	168	875	7.61
	Coyote	0	160	531	268	120	269	168	537	775	576	352	120	3,876	33.73
	Guadalupe	45	300	336	381	348	198	308	265	332	231	762	182	3,688	32.09
	Lexington	0	0	0	27	0	0	0	0	0	26	0	0	53	0.46
	Llagas	0	60	100	84	100	0	371	60	136	60	0	0	971	8.45
	Matadero	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Permanente	0	0	0	120	84	0	0	0	0	224	120	0	548	4.77
	San Tomas	0	0	110	215	155	0	120	154	12	55	151	0	972	8.46
	San Francisquito	0	0	0	0	0	90	0	0	0	0	0	0	90	0.78
	Stevens Creek	0	0	105	0	0	0	0	0	0	0	32	0	137	1.19
	Sunnyvale East	60	0	0	50	0	0	0	0	0	0	140	0	250	2.18
	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	0	0	0	0.00
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
Total Number of Students		105	520	1,182	1,145	963	589	1,317	1,124	1,255	1,240	1,582	470	11,492	

		2009						2010							
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	0	0	100	0	100		
	Campbell	0	0	30	0	0	0	0	0	0	0	0	0	30	
	Cupertino	0	0	0	120	120	0	180	108	0	36	152	0	716	
	Gilroy	0	60	100	0	100	0	35	0	136	0	0	0	431	
	Los Altos	0	0	0	0	0	0	0	0	0	64	0	0	64	
	Los Altos Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Los Gatos	0	0	0	27	0	19	48	0	0	26	0	0	120	
	Milpitas	0	160	96	60	0	0	0	297	299	99	0	0	1011	
	Morgan Hill	0	0	0	84	0	0	0	60	0	60	0	0	204	
	Mt. View	0	0	0	0	0	0	0	0	0	160	0	0	160	
	Palo Alto	0	0	0	0	0	90	0	0	0	0	0	0	90	
	San Jose	45	300	681	804	503	418	638	505	820	708	1070	440	6932	
	San Martin	0	0	0	0	0	0	336	0	0	0	0	0	336	
	Santa Clara	0	0	90	0	156	62	48	154	0	47	89	30	676	
	Saratoga	0	0	80	0	0	0	0	0	0	40	31	0	151	
	Sunnyvale	60	0	105	50	84	0	0	0	0	0	140	0	439	
	Stanford	0	0	0	0	0	0	32	0	0	0	0	0	32	
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total School Visits		105	520	1,182	1,145	963	589	1,317	1,124	1,255	1,240	1,582	470	11,492

TABLE 7.2
2009-2010 SCHOOL OUTREACH PROGRAM

		2009						2010						
Number of Students by:		July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Totals
Grade	PreK	70	60	40	50	0	0	24	34	0	142	55	0	475
	Kindergarten	0	0	0	148	84	0	96	36	271	228	480	69	1,412
	First	0	0	246	225	120	0	230	148	564	160	377	0	2,070
	Second	0	0	338	80	264	90	390	180	163	100	189	258	2,052
	Third	0	60	192	100	300	106	215	200	0	319	224	69	1,785
	Fourth	0	0	0	0	124	112	0	99	0	90	64	0	489
	Fifth	0	0	276	542	71	219	266	294	229	66	72	0	2,035
	Sixth	0	0	90	0	0	30	96	99	0	0	0	0	315
	Seventh	0	0	0	0	0	0	0	0	0	0	0	0	0
	Eighth	0	0	0	0	0	0	0	0	0	40	0	0	40
	High School	0	0	0	0	0	0	0	0	0	28	0	44	72
	Teens	0	0	0	0	0	0	0	0	0	0	0	0	0
Multi-Grade	0	400	0	0	0	0	0	0	12	15	121	0	548	
College	35	0	0	0	0	32	0	34	16	52	0	30	199	
Total Number of Students		105	520	1,182	1,145	963	589	1,317	1,124	1,255	1,240	1,582	470	11,492

		2009						2010						Total # of Students
Focus of Presentation:		July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	
	Conservation	3	520	1,182	1,145	963	589	1,317	1,124	1,255	1,240	1,582	470	11,390
	NPS	3	460	598	840	579	499	697	796	0	952	1,016	212	6,652
	Stewardship	3	460	598	840	579	499	697	796	528	952	1,016	212	7,180
	Cycle	1	360	584	305	384	122	620	362	743	380	566	332	4,759
	Watershed	1	420	1,142	947	879	589	1,197	1,054	984	870	1,047	401	9,531
	States of Water	0	60	584	305	384	90	620	328	727	288	566	258	4,210
	H2O Sources	1	360	558	642	495	499	577	726	257	582	481	143	5,321
	History	1	360	558	642	495	499	577	726	257	582	481	143	5,321
	Water Quality	1	360	558	642	495	499	577	726	257	582	481	143	5,321

**TABLE 7.2
2009-2010 SCHOOL OUTREACH PROGRAM**

Total Students by School District:	2009						2010						Total # of Students
	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	
Alum Rock USD	0	0	246	128	120	99	0	0	93	80	100	0	866
Berryessa USD	0	0	0	80	0	90	0	0	100	200	0	0	470
Cambrian SD	0	0	0	0	0	0	0	0	0	90	0	0	90
Campbell UHSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Campbell USD	0	0	30	0	0	0	0	0	0	0	0	0	30
College	35	0	0	0	0	0	0	0	16	20	0	0	71
Cupertino USD	0	0	105	120	240	0	318	220	12	36	260	138	1,449
East Side UHSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Evergreen ESD	0	0	0	0	0	80	0	140	220	160	192	120	912
Franklin-McKinley SD	0	0	189	0	0	0	96	0	0	0	0	0	285
Fremont UHSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Gilroy USD	0	60	100	0	100	0	0	0	136	0	0	0	396
Lakeside Joint SD	0	0	0	0	0	0	0	0	0	0	0	0	0
Loma Prieta USD	0	0	0	0	0	0	0	0	0	0	0	0	0
Los Altos SD	0	0	0	0	0	0	0	0	0	72	0	0	72
Los Gatos USD	0	0	0	27	0	0	0	0	0	26	0	0	53
Los Gatos-Saratoga JUHSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Luther Burbank ESD	0	0	0	0	0	26	0	0	0	0	0	0	26
Milpitas USD	0	160	96	60	0	0	0	297	299	99	0	0	1,011
Montebello ESD	0	0	0	0	0	0	0	0	0	0	0	0	0
Moreland SD	0	0	0	215	35	0	120	0	0	0	120	0	490
Morgan Hill USD	0	0	0	84	0	0	438	0	0	0	0	0	522
Mount Pleasant SD	0	0	0	0	0	0	0	100	0	0	60	0	160
Mt View-Los Altos HUD	0	0	0	0	0	0	0	0	0	0	0	0	0
Mt View-Whisman SD	0	0	0	0	0	0	0	0	0	88	0	0	88
Oak Grove SD	0	0	0	105	80	93	92	0	0	0	0	138	508
Orchard School Dist	0	0	0	0	0	0	0	0	0	0	0	0	0
Palo Alto USD	0	0	0	0	0	90	32	0	0	0	0	0	122
Private	70	0	90	116	164	81	83	247	127	341	233	74	1,626
San Jose USD	0	0	150	210	124	30	90	120	252	28	453	0	1,457
Santa Clara USD	0	0	0	0	0	0	48	0	0	0	164	0	212
Saratoga UESD	0	0	80	0	0	0	0	0	0	0	0	0	80
Sunnyvale SD	0	0	0	0	0	0	0	0	0	0	0	0	0
Union SD	0	0	96	0	100	0	0	0	0	0	0	0	196
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Community Event	0	300	0	0	0	0	0	0	0	0	0	0	300
Total Number of Students	105	520	1,182	1,145	963	589	1,317	1,124	1,255	1,240	1,582	470	11,492

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary

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

Section 9 – Provision C.9 Pesticides Toxicity Controls

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

<i>(For FY 09-10 Annual Report only)</i> Attach a copy of your individual IPM ordinance or policy.	<input checked="" type="checkbox"/>	Attached	<input type="checkbox"/>	Not attached , explain below
If Not attached , explain: Our QEMS Document "Control and Oversight of Pesticide Use" (Q751D02 Rev A) serves as our reduced risk pest management policy.				

C.9.b ▶ Implement IPM Policy or Ordinance

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphorous pesticides, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.
Summary: The District does not use any of these products.

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.	21
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	21
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100%

C.9.d ▶ Require Contractors to Implement IPM				
Did your municipality contract with any pesticide service provider in the reporting year?			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, attach one of the following:				
<input checked="" type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR			
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR			
<input type="checkbox"/>	Equivalent documentation.			
If not attached, explain: N/A				

C.9.e ▶ Track and Participate in Relevant Regulatory Processes	
Summarize participation efforts, information submitted, and how regulatory actions were affected OR reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.	
Summary: During FY 09-10, we participated in regulatory processes related to pesticides through contributions to SCVURPPP, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees. This Report is included within the Program's FY 09-10 Annual Report.	

C.9.f ▶ Interface with County Agricultural Commissioners	
Provide a summary of improper pesticide usage reported to County Agricultural Commissioners and follow-up actions to correct violations, if any. A separate report can be attached as your summary.	
Summary: N/A	

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

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); **OR** reference a report of a regional effort for public outreach in which your agency participates.

Summary:

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

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

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

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

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

Summary:

The following separate reports developed by SCVURPPP summarizes Public Outreach: Pest Control Operators efforts conducted during FY 09-10:

- FY 09-10 Green Gardener Training Report

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

Downloaded or printed copies are for reference only. Verify this is the current version prior to use. See the District website for released version.

1. PURPOSE AND SCOPE

This document defines District policies and procedures for pesticide use and reporting. These policies and procedures apply to all District-owned or operated facilities and staff, contractors, permittees, and suppliers.

Pesticide Policy

It is the District policy to minimize the environmental risk and exposure resulting from its pesticide use by employing alternatives the maximum extent practicable.

Operational Controls

This procedure specifies the process to evaluate pest control methods, and alternatives to pesticides, where pest control is needed. A proposed use is evaluated based on:

- Regulatory restrictions
- Effectiveness
- Public health aspects
- Long and short term environmental impacts
- Financial cost
- Consistency with District's policies

Pesticides are one tool for pest control on District properties and facilities. The most common pesticide use is herbicide application to manage vegetation. Insecticides and rodenticides are used infrequently and in small quantities. Standard pesticide use practices are:

1. Only pesticides included on the W751D01 **Pesticides Products Approved for District Use** (Product List) may be used, in the appropriate categories for product application on District facilities. Product lists will be updated, as needed, by the Pesticide Review Team to ensure compliance to these practices.
2. A **State-certified Qualified Applicator** (see definition) with the appropriate current certification categories will provide immediate oversight for application of all pesticides.
3. **To minimize the use of pesticides in the work place**, only natural derivatives can be purchased or used by District staff.

Limitations on Use

1. Only herbicides registered for aquatic use may be used within the channel banks of a creek, ditch, canal, or Percolation Pond systems, or within twenty feet of any water present.
2. No copper based products will be used for algae control on Percolation Ponds.
3. Wherever physically possible, non-toxic UV blocking dyes shall be used to control algae and pond weed



4. Herbicides are used only when alternatives to pesticide use such as mowing, hand removal, disking, or grazing are not effective to achieve vegetation management objectives.
5. Insecticides are used after other methods, such as prevention or natural nontoxic control methods, have proven ineffective. Where use is needed, the product with the lowest toxicity is used in accordance with the label.
6. Rodenticides are used only after trapping to control burrowing rodents proves ineffective or impractical.
7. Products listed on the State Department of Pesticide Regulation (DPR) "A" list of known groundwater contaminants will not be used. Detailed information on DPR regulations can be found on their web site at www.cdpr.ca.gov
8. Category I and II pesticides will not be used for routine projects without review and approval by the Pesticide Review Team
9. All pesticide products not on the approved list that are to be used on District facilities (by employees or contractors) will be reviewed and approved by the pesticide review team prior to their use in accordance with Section 6.3 of this document
10. No Organophosphate or Carbamate products may be used.

All pesticide use performed by any employee, contractor, or permittee under the direction of the District on properties and facilities either owned by the District, or where an exclusive easement has been granted and the underlying property owner is effectively excluded from the use of the property, shall comply with the following:

- Applicable sections of California Food and Agricultural Code for non-crop use
- Regulations enforced by the State Department of Pesticide Regulation
- State Department of Fish and Game Code relative to stream alterations
- Applicable Environmental Protection Agency regulations
- Applicable National Pollutant Discharge Elimination System (NPDES) permit requirements
- Countywide Urban Runoff permit requirements
- The pesticide label

Guidelines set forth within this pesticide program which go beyond the laws and regulations established by the regulatory agencies mentioned above

2. REFERENCE DOCUMENTS

- W751M01 – Best Management Practices (BMP) Handbook
- WQ75101 – Field Operations Work Order Process
- WW75100 – Vegetation Control Work Instructions
- W751D01 – Pesticides Products Approved for District Use
- F751D01 – Pest Control Recommendation & Spray Operators Report
- Pesticide Safety Training Record

3. DEFINITIONS

Pesticide – A product formulated specifically for the purpose of controlling pests. The generic term “pesticide” refers to a broad spectrum of products, including herbicides, insecticides, rodenticides, fungicides, etc. The following pesticides are used by the District:

Algaecide – Algae control in percolation ponds.

Herbicides – Control of weeds and undesirable vegetation to minimize fire hazards, maintenance of flood conveyance of waterways, and to compliance with State and Federal requirements.

Insecticides – control of insects in and around District buildings, or in the case of a serious pest outbreak, on landscape or re-vegetation facilities.

Rodenticides – control of burrowing rodents, including ground squirrels, moles and gophers, in flood control levees.

Toxicity – The Environmental Protection Agency and the State Department of Pesticide Regulation define pesticides in the following categories:

- **Category I** – highest pesticide toxicity, or specific health hazards such as a severe eye hazard. Category Toxicity Signal Word(s) - I High ***Danger/Poison; Skull & Crossbones***
- **Category II** – pesticides 1-10 times less toxic than Category I. Moderate toxicity, signal word- ***Warning***
- **Category III and IV** – lowest toxicity, 1-10 times less toxic than Category II, and Category IV is considered practically non-toxic. Signal word – ***Caution***

Pesticide Review Team – A Pesticide Review Team will be formed that consists of the Vegetation Unit Manager, the District’s Pest Control Adviser, the Watersheds Health and Safety Program Administrator, the Environmental Management Unit Manager, the Utility Program Support Unit Manager, and the Facilities Management Unit Manager or their designees.

Product Lists – W751D01 Pesticides Products Approved for District Use approved by Pesticide Review Team

Pest Control Advisor – As defined by the State of California, is an individual who meets the minimum educational requirements to qualify for examination and who passes the State examination in the categories relative to the area of pesticide work for which they will be making written

recommendations for pesticide use. Categories relative to this policy include: Insects, Mites and Other Invertebrates, Vertebrate Pests, and Weeds. The licensed Pest Control Advisor is the authority making written recommendations for pesticide use.

Qualified Applicator – As defined by the State of California is an individual who has passed the State examination for application of various pesticide products and is certified to do so. A Qualified Applicator must be certified in the appropriate certification categories to perform the pesticide application. Categories relative to this policy include: Landscape Maintenance, Right of Way, Aquatic, and Residential, Industrial and Institutional.

Pest Control Operator – The Pest Control Operator possesses a valid Qualified Applicator License from the State of California, supervises the pesticide application (restricted use and/or general use) made by a licensed pest control business, and is responsible for the safe and legal operation of that business relative to pesticide use.

4. ROLES AND RESPONSIBILITIES

Pesticide Review Team: The purpose of this team is to oversee compliance to the pesticide program. The team will also be responsible for:

- The Team will meet annually and as-needed
- As needed evaluation of the District's pesticide use
- Revise, as needed, the Pesticides Products Approved for District Use list.
- Responding to issues relative to the use of pesticides
- Recommending changes to the pesticide program including training and procedures
- Reviewing, evaluating, and approving the use of new products including those to used by contractors and permittees
- Researching alternatives to pesticides using staff and consultant services

District's Pest Control Adviser: Is responsible for coordinating, reviewing, tracking, documenting and reporting pest control practices at the District. Additionally, the Coordinator provides updates of the policy changes and modifications to all District staff, and to work with the Watersheds Environmental Health and Safety Program Administrator on the aspects of employee training. This role is filled by the Vegetation Program Specialist.

5. REQUIREMENTS

5.1 ISO Requirements

- **ISO 9001:2000 Quality Management System Requirements**
 - 7.5.1 Control of Production and Service Provision
- **ISO 14001:2004 Environmental Management System**
 - 4.4.6 Operational Control

5.2 Other Requirements

- Board Governance Policies and Executive Limitations
- Best Management Practices of the various environmental documents covering the District's work on streams, water utility facilities, buildings and grounds

6. MONITORING AND MEASUREMENT

The Pesticide Review Team will review and report on this process annually.

7. PROCEDURE

OVERVIEW	DETAILS	QUALITY RECORDS
(1) Review of Pesticide Use (Pesticide Review Team)	<ul style="list-style-type: none"> • The Team will meet annually and as-needed to: <ul style="list-style-type: none"> ○ Evaluate the District's pesticide use. ○ Revise, as needed, the W751D01 Pesticide Products Approved for District Use list. ○ Responding to issues relative to the use of pesticides. ○ Recommending changes to the pesticide program including training and procedures. ○ Reviewing, evaluating, and approving the use of new products including those to used by contractors and permittees. ○ Researching alternatives to pesticides using staff and consultant services. 	W751D01 Pesticide Products Approved for District Use
(2) Pesticide Use Certification and Training Requirements (District Staff, Contractors, Permittees)	<ul style="list-style-type: none"> • Any pesticide use by District Staff, contractors, or permittees in the course of District business must be done with immediate oversight by a State-certified Qualified Applicator with the appropriate endorsement. <ul style="list-style-type: none"> ○ Includes any pesticides purchased from over the counter (i.e Raid, foggers, bait stakes, etc) • All District staff who use or oversee the use of pesticides in the course of their duties shall also receive annual training by the District. The annual training shall provide: <ul style="list-style-type: none"> ○ Review of laws and regulations ○ Updates on new products ○ Review of proper procedures for use and handling 	

OVERVIEW	DETAILS	QUALITY RECORDS
<p>(2) Pesticide Use Certification and Training Requirements</p> <p><i>Continued</i></p>	<ul style="list-style-type: none"> ○ Review of impacts of pesticides on the environment ○ Label/MSDS training ● All contractors and permittees shall provide proof of appropriate training and licensing of staff performing pesticide applications. ● All pesticides must be approved by the Pesticide Review Team and added to W751D01 Pesticides Products Approved for District Use list. 	
<p>(3) Pesticide Requests Posting and Notification</p> <p>(Qualified Applicator)</p>	<ul style="list-style-type: none"> ● Pesticide requests are initiated, entered, and tracked in Maximo in accordance with WQ75101 Field Operations Work Order Process and WW75100 Vegetation Control Work Instructions ● The Pest Control Adviser will evaluate the request. <ul style="list-style-type: none"> ○ Any questions or issues will be resolved by the Pesticide Review Team ○ Biological Survey and clearance must be obtained before proceeding with request ○ BMPs must be followed ● The Pest Control Advisor develops a written Pest Control Recommendation for use in accordance with requirements of the California Food and Agricultural Code and forwards the request and recommendation to a Qualified Applicator. <ul style="list-style-type: none"> ○ Any questions or issues will be resolved by the Pesticide Review Team ● The Qualified Applicator reviews the request and recommendation and completes the work. ● Posting of areas where pesticides are used shall be performed in compliance with this policy as follows: <ul style="list-style-type: none"> ○ Posting shall be performed in compliance with the label requirements of the product being applied. ○ In addition, the District shall provide posting for any products applied in areas used by the public for recreational purposes, or those areas readily accessible to the public, regardless of whether the label requires such notification. In doing this, the District ensures that exposure risk is minimized further by adopting practices that go beyond the product label requirements. 	<p>F751D01 Pest Control Recommendation & Spray Operators Report</p>

OVERVIEW	DETAILS	QUALITY RECORDS
<p>(3) Pesticide Requests Posting and Notification</p> <p><i>Continued</i></p>	<ul style="list-style-type: none"> ○ These sign postings shall notify staff and the general public of the date and time of application, the product's active ingredients, and common name, and the time of allowable re-entry into the treated area. A District staff contact phone number shall be posted on the sign. ○ Signs shall not be removed until after the end of the specified re-entry interval. ○ Right-to-know literature on the product shall be made available upon request to anyone in the Area. ○ Notification of pesticide activities shall be made as required by law. ● The District shall maintain records of neighbors with specific needs relative to notification prior to treatment of an adjacent area to ensure such needs are met. These records are maintained in Maximo with the pest control recommendation. ● A Spray Operators Report shall be completed for each pesticide application performed by District staff. This report shall be submitted with each daily work order in accordance with WQ75101 Field Operations Work Order Process and include: <ul style="list-style-type: none"> ● Pesticide common name and active ingredient ● Method of application ● Dilution rate, if applicable ● Total amount of product applied, plus the total amount of diluted material ● For outdoor applications, weather conditions, including temperature and wind speed ● Specific pests controlled with each application ● District facilities pesticide use should be listed on a log maintained by the Facilities unit. 	<p>Pest Control Recommendation & Spray Operators Report</p>
<p>(4) Reporting</p> <p>(Vegetation Unit Manager)</p>	<ul style="list-style-type: none"> ● A report will be run monthly from Maximo listing the total amount of products used for pest control including the common name. ● This listing will be submitted to the Agricultural commissioner no later than the 10th of each month. 	

CONTROL OF OVERSIGHT OF PESTICIDE USE

DOCUMENT NO.: 0TQ751D02
 REVISION: 6TA
 EFFECTIVE DATE: 1T January 27, 2010
 PROCESS OWNER: 4TMark Wander

8. QUALITY RECORDS

QUALITY RECORD	LOCATION KEPT	FILING ORDER	DURATION KEPT	DISPOSITION	COMMENTS
Pesticide Products Approved for District Use List	District Document Control	Document ID	Until list is revised	Dispose	
Maximo Database Record	Network Server	Work Order Number	Permanent		
Pest Control Recommendation & Report	Work Order	Facility Number & Date	Until close of fiscal year	Archived in Field Operations Vault	

9. CHANGE HISTORY

Date	Revision	Comments
02/10/10	A	Initial release into QEMS, effective 1/27/10. Supersedes Administrative Policy and Procedure Ad-8.2 Pesticide Use. This document was reviewed by: Bill Smith; Geoffrey Weigand; David Matthews; Marc Klemencic; Liang Lee; Mike Martin; Debra Caldon; Mike Cresap; Melanie Richardson (Maryann O'Brien); Ann Draper; Chris Elias; Jim Fiedler; Michael Hamer; Frank Maitski; and Neddal Ali-Adeeb.

10. ADDENDA

None

Section 10 - Provision C.10 Trash Load Reduction

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

Provide description of actions/tasks initiated/conducted/completed in developing a Short-Term Trash Loading Reduction Plan (due February 1, 2012).

Description:
Not required for this Annual Report.

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

Provide description of actions/tasks initiated/conducted/completed to gather trash loading data and develop a Baseline Trash Load and Trash Load Reduction Tracking Method (due February 1, 2012).

Description:
A summary of Program accomplishments for this sub-provision are included within the C.10 Trash Load Reduction section of Program's FY 09-10 Annual Report.

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

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

Description:
The District is not required in the MRP to implement full trash capture devices. A summary of Program accomplishments for this sub-provision are included within the C.10 Trash Load Reduction section of Program's FY 09-10 Annual Report. In addition, the Program recently finalized a technical report detailing the results of its Pilot Trash Structural Treatment Control Study implemented in 2007. This technical report is also available within the C.10 Trash Load Reduction section of Program's FY 09-10 Annual Report.

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

Provide volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible. Provide required photo documentation.

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

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)
SWD01 – Stevens Creek at La Avenida St				
SWD02 – Stevens Creek at State Route 237				
SWD03 – San Thomas Aquino Creek @ Mission				
SWD04 – Stevens Creek 150 feet downstream of Highway 85				
SWD05 – San Thomas Aquino Creek at Walsh Ave				
SWD06 – Coyote Creek confluence with lower Silver Creek	6/16/10	~3.4 cy	#1 Convenience/Fast Food Items, #2 Bottles, #3 Fabric and cloth, #4 Aluminum Cans.	
SWD07 – Lower Silver Creek at N. King Rd and McKee Rd	7/8/10	~0.6 cy	#1 Paper and cardboard (44%), #2 Convenience/Fast Food Items (28%), #3 Other Plastic Products (8%), #4 Styrofoam (4%).	Trash Accumulation, Litter,
SWD08 – Lower Silver Creek, Alum Rock Ave to S. Sunset Ave				
SWD09 – Lower Silver Creek between East San Antonio St and Interstate 680				

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

C.10.d Summary of Trash Load Reduction Actions

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

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

Not all trash load reduction actions were tracked by “loads removed” this fiscal year. Once the Trash Load Reduction Tracking Method is developed (see Provision C.10.a.ii), trash loads removed will be documented for each load reduction action (as feasible). See the Program’s FY 09-10 Annual Report for schedule.

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Anti-litter Campaigns		District has had significant resource commitment in this area. No change due to MRP.	NA	NA
Anti-litter/Dumping Enforcement Activities		District has had significant resource commitment in this area. No change due to MRP.	Tracked as Good Neighbor Program. See Below.	Not tracked
Education and Outreach Efforts		District has had significant resource commitment in this area. No change due to MRP.	NA	NA
County HHW Program Activities		District has had significant resource commitment in this area. No change due to MRP.	District provides the County with financial support	NA
Inspection/Maintenance of Storm Drain Outfalls		District Water Treatment Plant Outfalls are inspected and cleaned annually.	Volume not tracked.	Leaves.
Removal of Homeless Encampments		District has had significant resource commitment in this area. No change due to MRP.	Total Removed - 88.56 CY (Coyote Watershed- 57.59 CY, from Guadalupe Watershed - 30.97 CY)	Not tracked in 2009-2010.

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Trash Removal Program		District has had significant resource commitment in this area. No change due to MRP.	Good Neighbor Program Total Removed = 1329 CY (Coyote Watershed = 465 CY, Guadalupe Watershed = 54 CY, Lower Pen Watershed = 341 CY, Uvas/Llagas Watershed = 333 CY West Valley Watershed = 136 CY)	#1 Plastic bags, #2 Plastic Bottles, #3 Styrofoam. (Others include Fast food items, paper/plastic litter, cigarettes, glass, car parts, and other items illegally dumped. The SCVWD removes and recycles batteries, propane tanks, electronics, and metal shopping carts from creeks.
Solid Waste Recycling Efforts		District has had significant resource commitment in this area. No change due to MRP.	Not tracked	Not tracked
Storm Drain Operation and Maintenance		District does not manage storm drains	NA	NA
Storm Drain Signage/Marking		No change due to MRP. Inlets are marked "Flows to Bay"	NA	NA
Street Sweeping Activities		County conducts street sweeping at District Facilities	Not tracked	Not tracked

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Volunteer Creek Cleanups National River Cleanup Day Coastal Cleanup Day Adopt A Creek	 1995 1995 1994	 District has had significant resource commitment in this area. No change due to MRP.	National River Cleanup Day (Total Removed = 35,492 lbs.) Coastal Cleanup Day (Total Removed = 30,672 lbs) Adopt A Creek Total Removed = 156 CY (Coyote Watershed -25 CY, Guadalupe Watershed -52 CY, Lower Pen. Watershed -21 CY, West Valley Watershed -58 CY)	 Plastic bags, recyclables, paper, Styrofoam and cigarette butts.

SWD07 Lower Silver Creek at North King Rd. - Upper Bank

Before
Section A

(no photo)

After
Section A



Section B



Section B Creek



Section C



Section C Creek



SWD07 Lower Silver Creek at North King Rd. - Upper Bank

Before
Section D



After
Section D



Section E



Section E



Section F



Section F



Section G



Section G



SWD07 Lower Silver Creek at North King Rd.-Creekside

Before
Section A



After
Section A

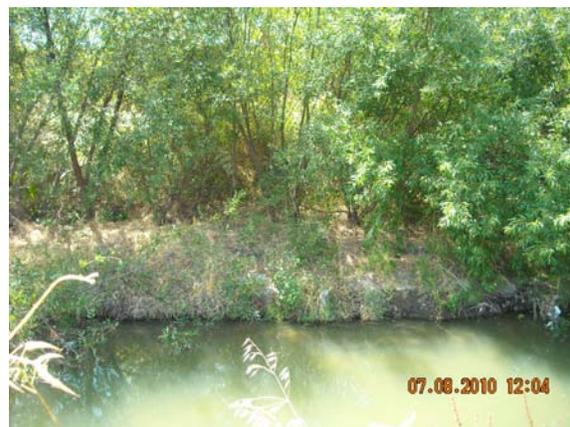


080510_SJC12_A_1.jpg

Section B Creek



Section B Creek



SWD07 Lower Silver Creek at North King Rd.-After Cleanup
Section C Creek



080510_SJC12_A_1.jpg

Section D Creek

Section D Creek



Section E Creek

Section E Creek



SWD07 Lower Silver Creek at North King Rd.-After Cleanup
Section F Creek



Section G Creek



Section G Creek



SWD07 Total Trash



SJC17 Total Trash.jpg

SWD07 Pictures of Trash



Guadalupe Creek at Grant Rd. - Upper Bank
Before
Section A



After
Section A



Section B



Section B Creek



Section C



Section C Creek



Guadalupe Creek at Grant Rd. – Lower Bank

Before
Section A

(no photo)

After
Section A



Section B Creek



Section B Creek



Section C Creek



Section C Creek



SWD07 Total Trash



Section 11 - Provision C.11 Mercury Controls

C.11.a.i ► Mercury Recycling Efforts

Below is a list 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).

Items such as, thermometers, switches, thermostats have been removed over the years and have been disposed of as a hazardous waste. District staff continued to purchase alternative products, where available, and to dispose of mercury-containing materials in accordance with applicable regulations.

C.11.a.ii ► Mercury Collection

An estimate of the mass of mercury collected through these efforts will be reported in the FY10-11 Annual Report.

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

Permittee Name: _____

- 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**

SCVWD participates directly in regional activities and descriptions are provided below.

Summary

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

C.11.b ► Monitor Methylmercury

The District has undertaken a 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 and dissolved 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. 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.

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 swimming, boating, 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 2009-10.

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 2009-10.

Permittee Name: _____

C.11.c ► Pilot Projects to Investigate and Abate Mercury Sources in Drainages

Jacques Gulch is a tributary to Almaden Reservoir that drains approximately one-third of the reservoir watershed. A portion of this drainage includes a small tributary that drains a portion of the former New Almaden Mining District, which is now Almaden-Quicksilver County Park. The project will remove approximately 10,000 to 15,000 cubic yards of mercury-laden sediments from an approximately 650-foot section of Jacques Gulch and an approximately 1,400-foot section of an unnamed tributary to Jacques Gulch. The project will also replace undersized culverts that convey streamflow from Jacques Gulch to Almaden Reservoir. This project is scheduled for completion in 2011. The District accepted a bid for construction, which began in June 2009 and in-channel work was completed in October 2009. Assuming that 12,000 cubic yards of soil has been removed at 20mg/kg – 100mg/kg, the amount of mercury removed would be in the range of 327 kg Hg – 1632 kg Hg.

Soil Removed	Mercury Removed
20mg/kg	327 kg Hg
50mg/kg	816 kg Hg
100mg/kg	1632 kg Hg

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

In 2009, routine sediment removal maintenance resulted in the disposal of 17,409 cubic yards of material, with 3,847 of this total from the creeks in the upper portion of the Guadalupe River Watershed. The total mercury removed from the system was 102 kg, with 101 kg from the Guadalupe River Watershed. This number is in addition to the amount of Hg and sediment removed during the Jacques Gulch project to date.

Section 12 - Provision C.12 PCBs Controls

C.12.a.i,iii ▶ Municipal Inspectors Training

Below is a description of SCVWD’s involvement in training municipal industrial inspectors to identify, in the course of their existing inspections, PCBs or PCB-containing equipment.

Description:

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

C.12.a.ii,iii ▶ Ongoing Training

Description of ongoing training development and inspections for PCB identification, including documentation and referral to appropriate regulatory agencies (e.g. county health departments, Department of Toxic Substances Control, California Department of Public Health, and the Water Board) as necessary.

Description:

Not required for this Annual Report.

C.12.b ▶ Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities

C.12.c ▶ Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations

C.12.d ▶ Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices

C.12.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit

C.12.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs

C.12.g ▶ Monitor Stormwater PCB Pollutant Loads and Loads Reduced

C.12.h ▶ Fate and Transport Study of PCBs In Urban Runoff

C.12.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region

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

Summary

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

Section 13 - Provision C.13 Copper Controls

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

Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If **No**, explain and provide schedule for obtaining authority within 1 year:
 District does not have construction permit authority.

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

Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If **No**, explain and provide schedule for obtaining authority within 1 year:
 Not required for this Annual Report. District does not have permit authority.

C.13.c ► Vehicle Brake Pads

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

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

List below or attach annotated lists or tables from your Industrial and Commercial Site Controls portion of this report, that highlight copper reduction results among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed. For FY09-10 describe below or highlight in the C.4 Evaluation portion (if provided) of this report the steps taken to revise your program to meet new data tracking and reporting requirements for implementation levels described in C.13.d.ii.

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

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

Summary

A summary of the Program's efforts (i.e., participation in RMP committee and work group meetings) to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program's FY 09-10 Annual Report and/or BASMAA Regional POC Report.

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

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

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

Summary

A summary of the Program's efforts (i.e., participation in RMP committee and work group meetings) to develop a Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 09-10 Annual Report and/or BASMAA Regional POC Report.

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

C.15.b.iii.(1), C.15.b.iii.(2) ► Planned and Unplanned Discharges of Potable Water			
Is your agency a water purveyor?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If No , skip to C.15.b.vi.(2):			
<p>If Yes, Complete the attached reporting tables or attach your own table with the same information. Describe program highlights below. Describe steps taken to revise your program to meet new monitoring, data tracking and reporting requirements.</p> <p>A summary of the Program’s efforts to update the Water Utility Operations & Maintenance Discharge Pollution Prevention Plan (WUDPPP) to assist municipal water purveyors in complying with this provision of the MRP is included within the C.15 Exempted and Conditionally Exempted Discharges section of Program’s FY 09-10 Annual Report.</p> <p>Summary: The District owns, operates, and/or maintains 3 water treatment plants, 2 pumping and metering stations, 1 pump station, 11 reservoirs, percolation facilities, water wells, a recycled water facility (South County Regional Wastewater Authority Treatment Plant), and distribution pipelines. All of these water facilities have a potential for discharging non-stormwater to surface water bodies.</p> <p>The District continued reporting on all water utility O&M discharges. Please see attached inventory table (Table 15.1). Typical District discharges include raw water from water quality testing devices at District plants, San Tomas Injection Well, and Vasona Meter Shop testing.</p> <p>The District’s water utility maintenance staff performs all discharges. District staff implemented BMPs after consultation with the Stream Stewardship Unit.</p> <p>The District has been working with the Regional Water Quality Control Board staff to coordinate notification activities between various District units that conduct discharges.</p>			

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. The categories are:

1. Promote conservation programs
2. Promote outreach for less toxic pest control and landscape management
3. Promote use of drought tolerant and native vegetation
4. Implement Illicit Discharge Enforcement Response Plan for water line breaks.

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 09-10 Annual Report.

1. The Water Conservation Unit provides free residential water use audits to encourage water conservation.
2. 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 toxic pesticides or herbicides at work unless they are certified.
3. The District provides brochures on the use of drought tolerant and native vegetation.
4. 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)	pH (standard units)	Discharge Turbidity ¹ (NTU)	Implemented BMPs & Corrective Actions
July 2009										
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 discharge from water quality testing station of water delivered by DWR.
August 2009										
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 discharge from water quality testing station of water delivered by DWR.
September 2009										
Vasona Meter Shop*	Raw	Los Gatos Creek	Ongoing	Cont.	250,000	8,333				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	10,833				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	10,833				Continuous discharge from water quality testing station of water delivered by DWR.
October 2009										
Vasona Meter Shop*	Raw	Los Gatos Creek	Ongoing	Cont.	250,000	8,333				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	10,833				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	10,833				Continuous discharge from water quality testing station of water delivered by DWR.
November 2009										
Vasona Meter Shop*	Raw	Los Gatos Creek	Ongoing	Cont.	250,000	8,333				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	10,833				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	10,833				Continuous discharge from water quality testing station of water delivered by DWR.
Cox Turnout	Dechlorinated	Saratoga Creek	11/3/2009	5:45	155,000	646,316		Low to mid 8s (two high readings of 9.8)		
WP #30	Dechlorinated	Rodeo Creek	11/3/2009 - 11/4/2009	9:45	530,000	1,292,633		at least mid 8s		On both days, it is likely that the background flow in the creek had a high pH (at least mid 8s) prior to any discharge. However, these readings decreased over time and was not an issue.
WP #35	Dechlorinated	Calabazas Creek	11/3/2009 - 11/4/2009	10:30	567,000	1,292,633		low to mid 8s (one high reading of 9.0)		On both days, it is likely that the background flow in the creek had a high pH (at least mid 8s) prior to any discharge.
WP #40	Dechlorinated	Calabazas Creek	11/4/2009	1:20	36,000	646,316		High 8s and low 9s (a high reading of 9.3)	Turbidity within range.	The upstream pH was in the high 8s. The change in pH was within 0.5 units on all but one reading. Two turbidity readings with an increase of more than 5 units
WP #44	Dechlorinated	Regnert Creek	11/5/2009	1:50	50,000	646,316		low to mid 9s (two high readings of 9.7)		It is likely that the background flow in the creek had a high pH (around 9s) prior to any discharge. All of the downstream pH readings were in the
WP #49	Dechlorinated	Regnert Creek	11/9/2009	4:20	117,000	646,316		mid 8s (a high reading of 8.7)		The upstream pH was in the mid 8s. The change in pH was within 0.5 units.
WP #51	Dechlorinated	Regnert Creek	11/9/2009	2:30	70,000	646,316		mid 8s (a high reading of 8.7)		The upstream pH was in the mid 8s. The change in pH was within 0.5 units.
WP #56	Dechlorinated		11/9/2009	2:50	80,000	646,316				Hydrographers did not see the water coming out of the outfall.
WP #64	Dechlorinated	Stevens Creek	11/9/2009	1:20	36,000	646,316			Turbidity within range.	The creek had some high initial turbidity readings (baseline was > 50). The turbidity decreased over time & were all within range.

WP #106	Dechlorinated	Stevens Creek	11/5/2009 - 11/6/2009	19:20	525,000	646,316		high 8s (when background flow had a high pH.		The upstream pH fluctuated between the high 7s & high 8s. The change in pH was within 0.5 units on all but one reading.
WP #113	Dechlorinated	Permanente Creek	11/4/2009 - 11/6/2009	16:10	440,000	646,316		low 7s to high 8s (two high readings of 8.8)	Turbidity within range	When there was background flow, The change in pH was within 0.2 units. On 11/4 & 11/6, debris in the creek contributed to some high initial turbidity readings. The turbidity decreased over time & were all within range.
December 2009										
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 discharge from water quality testing station of water delivered by DWR.
WP #64	Dechlorinated	Stevens Creek	12/1/2009	0:30	N/A	<323,158 (Trickle Flow)		Low to mid 8s (two high readings of 9.8)		
January 2010										
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 discharge from water quality testing station of water delivered by DWR.
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 discharge from water quality testing station of water delivered by DWR.
Granger Turnout-West Pipeline	Dechlorinated	Permanente Creek	1/5/2010 - 1/7/2010	22:25	3,200,000	1,615,792		6.5-8.5	Turbidity within range.	Debris in the water holding tank contributed to some high turbidity readings during the first hour. The turbidity decreased over time.
Sunnyvale Turnout-Sunnyvale Distributary	Dechlorinated	Stevens Creek	1/7/2010	-5:00	1,057,000	646,316	NA	6.5-8.5	NA	2009 thru Jan 18th 2010. Noteably were not discharging for the duration of this period , this was the total projected
Mountain View Turnout- Mountain View Distributary	Dechlorinated	Permanente Creek	1/11/2010	1:30	300,000	517,053	high 9s (high readings of 9.9)	6.5-8.5	Initially, turbidity readings within range.	The pH decreased over time & the final reading was 8.6. The turbidity decreased over time and the final reading was 56. Stoppage after initial pH readings were in the high 9s. Stagnant water in the pipeline contributed to unexpected readings. It was confirmed that the discharge was contained within dry portion of the creek. Dechlor and discharge resumed.
East Pipeline (EPL)	Dechlorinated	Flint Creek	1/27/2010	0:10	75	323,158				N/A - Storm drain outfall, small discharge volume, and short discharge time.
Bay Division Pipeline (Bd#4) Loc. 1	Dechlorinated	SF Bay	10/5/09-1/10/10	5:30	1,520,000	2,592,000	<0.5 mg/L	6.5-8.5		All discharges will be dechlorinated using sodium bisulfite to maintain chlorine residuals of RWQCB standards
Bay Division Pipeline (BD#4) Loc. 2	Dechlorinated	SF Bay	10/5/09-1/10/10	5:30	991,000	2,592,000	<0.5 mg/L	6.5-8.5		below 0.05 mg/l_ and a PH range between 6.5 and 8.5. The range of dates to complete this project are from Oct. 5th
Bay Division Pipeline (BD#4) Loc. 3	Dechlorinated	SF Bay	10/5/09-1/10/10	5:30	1,057,000	2,592,000	<0.5 mg/L	6.5-8.5		2009 thru Jan 18th 2010. Noteably were not discharging for the duration of this period , this was the total projected
Bay Division Pipeline (BD#4) Loc. 4	Dechlorinated	SF Bay	10/5/09-1/10/10	5:30	300,000	2,592,000	<0.5 mg/L	6.5-8.5		timeframe for the entire project.
March 2010										
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 discharge from water quality testing station of water delivered by DWR.
EPL	Dechlorinated	Ruby Crk @ Flint Crk	3/1-2/10	16:58	935,097	1,242,633	0.01	6.76	0.24	Erosion Control on Ruby Creek
Parallel East Pipeline (PEPL)	Dechlorinated	Ruby Crk @ Flint Crk	3/1-2/10	30:40	1,933,893	1,242,633	0.009	6.8	1.0	Erosion Control on Ruby Creek
East Pipeline (EPL)	Dechlorinated	North Babb Creek	3/3-4/10	23:33	1,243,947	1,242,633	0.01	7	1	
EPL (Patt Line Valve)	Dechlorinated	Lower Silver Creek	3/11-12/10	4:25	~355,000	1,242,633	0.01			
EPL Ocala Turnout	Dechlorinated	Lower Silver Creek	3/16-17/10	26:41	753,318	720,000	0.03	7.2	<1.0	Discharge to storm drain
April 2010										
Vasona Meter Shop*	Raw	Los Gatos Creek	Ongoing	Cont.	250,000	8,333				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	10,833				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	10,833				Continuous discharge from water quality testing station of water delivered by DWR.
Vasona Meter Shop*	Raw	Los Gatos Creek	Ongoing	Cont.	250,000	8,333				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	10,833				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	10,833				Continuous discharge from water quality testing station of water delivered by DWR.
EPL (Patt Line Valve)	Disinfected Water	Lower Silver Creek	4/6-7/10	27:12	1,035,383	15,840	0.01	7.5	1	
Bay Division Pipeline (BD#3) Loc. 1	Dechlorinated	SF Bay	1/10-4/10/10	5:30	991,000	2,592,000	<0.5 mg/L	6.5-8.5		All discharges will be dechlorinated using sodium bisulfite to maintain chlorine residuals of RWQCB standards
Bay Division Pipeline (BD#3) Loc. 2	Dechlorinated	SF Bay	1/10-4/10/10	5:30	635,000	2,592,000	<0.5 mg/L	6.5-8.5		below 0.05 mg/l_ and a PH range between 6.5 and 8.5. The range of dates to complete this project are from Oct. 5th

Bay Division Pipeline (BD#3) Loc. 3	Dechlorinated	SF Bay	1/10-4/10/10	5:30	680,000	2,592,000	<0.5 mg/L	6.5-8.5	2009 thru Jan 18th 2010. Noteably were not discharging for the duration of this period , this was the total projected
Bay Division Pipeline (BD#3) Loc. 4	Dechlorinated	SF Bay	1/10-4/10/10	5:30	200,000	2,592,000	<0.5 mg/L	6.5-8.5	timeframe for the entire project.
Regnart Reservoir/Multiple valve repairs/replacements	Dechlorinated drinking water	Regnart Creek to Calabazas Creek	4/25-5/10	~240:00-288:00	4,480,000	~72,000 to 430,000			San Jose Water Company Project. The chlorine residual sample point will be from inside the same catch basin.
June 2010									
Vasona Meter Shop*	Raw	Los Gatos Creek	Ongoing	Cont.	250,000	8,333			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 monitired. Has high level alarm. Ground and rain water.
Pacheco PP Water Quality Testing*	Raw	No Name Creek	Ongoing	Cont.	325,000	10,833			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	10,833			Continuous discharge from water quality testing station of water delivered by DWR.
Rinconata Force Main	Raw	Saratoga Creek	?	?	3,063,003	3,231,584 - 3,877,901			Erosion control by Visual monitoring. Turbidity and temperature monitoring. This operation to dewater the pipeline will result in a net reduction of discharge

Notes:

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

*Continuous flow discharge

