

City of Sunnyvale
Urban Runoff Pollution Prevention Program

FY 10 -11
Municipal Regional Stormwater Permit Annual Report
Order R-2-2009-0074





September 15, 2011

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

Subject: **City of Sunnyvale**
FY 2010-2011 Annual Report

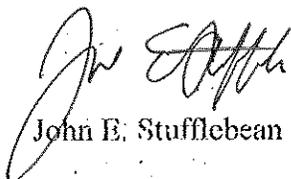
Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the City of Sunnyvale pursuant to Permit Provision C.16.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2009-0074, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of activities conducted during FY 2010-2011 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 Lorrie B. Gervin at (408) 730-7268 regarding any questions or concerns.

Sincerely,



John E. Stufflebean

Duly Authorized Representative
Director of Utilities

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

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**City of Sunnyvale
FY 2010-2011 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:



John E. Stufflebean
Director of Utilities

8-23-11

Date

ATTACHMENT B

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Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Sunnyvale				
Population:	141,099				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2009-0074				
Reporting Time Period (month/year):	July 1, 2010 through June 30, 2011				
Name of the Responsible Authority:	John E. Stufflebean			Title:	Director of Utilities
Mailing Address:	P.O Box 3707				
City:	Sunnyvale	Zip Code:	94088-3707	County:	Santa Clara
Telephone Number:	(408) 730-7954		Fax Number:	(408) 736-1611	
E-mail Address:	JStufflebean@ci.sunnyvale.ca.us				
Name of the Designated Stormwater Management Program Contact (if different from above):	Lorrie B. Gervin			Title:	Environmental Division Manager
Department:	Utilities				
Mailing Address:	P.O. Box 3707				
City:	Sunnyvale	Zip Code:	94088-3707	County:	Santa Clara
Telephone Number:	(408) 730-7268		Fax Number:	(408) 747-1139	
E-mail Address:	Lgervin@ci.sunnyvale.ca.us				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

Sunnyvale staff continued to implement Best Management Practices and Standard Operating Procedures to comply with the requirements of C.2.a, C.2.b, and C.2.c.

1) Sunnyvale staff initiated the C.2.d requirements for stormwater pump station monitoring and Corp Yard inspections. Sunnyvale staff also participated in the SCVURPPP ad hoc task group for Municipal Operations and provided review and input to task group work products.

2) Corp Yard inspections were performed on 9/16/10 and 9/20/10. Five (5) storm drain inlets (SDIs) were inspected for debris and cleaned prior to the rainy season. The SDI near the outdoor storage area containing sand, gravel, etc. for pavement maintenance was further protected using a silt sack as a screen to keep debris out of the SDI the when rainy season began.

3) Sunnyvale Field Services staff and Environmental Division staff participated in the Program's Municipal Operations Ad Hoc Task Group (AHTG) and reviewed/commented on AHTG work products.

4) Environmental Division staff participated in BASMAA Municipal Operations committee on a periodic basis in FY 10-11 and provided input and review on work group products. See the C.2 Municipal Operations section of the Programs FY 10-11 annual report for a description of the BASMAA Municipal Operations Committee

5) Provision C.2.e does not apply Sunnyvale, as the City does not own or maintain roads that meet the definition of "Rural Roads" within its jurisdiction.

6) The City continues to assess the fiscal feasibility of covering or berming the outdoor storage areas. However, funding is not currently available. The drain inlet adjacent to the dry storage area is protected by a silt sack that is maintained or replaced regularly to provide the appropriate contaminant removal and to ensure that any runoff entering the inlet is free of debris from the storage bins.

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

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

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

Comments:
Field Services staff receives annual training on appropriate BMPs to address potential stormwater impacts from street and road repair and maintenance activities.

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

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

X	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
X	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

- **Parks/Boulevard Landscaping staff uses a “Tennant Scrubber” machine to clean sidewalks in the downtown business area. This machine collects wash water so that it can be discharged to the sanitary sewer.**
- **If a steam cleaner is needed on rare occasions for problem areas, City staff follow BASMAA guidelines/BMPs for clean up operations.**
- **When special events permits come in for approval, staff identifies any operations that would require clean up operations of paved areas. In those instances, applicants are required to use a BASMAA Certified Mobile Surface Cleaner and staff supply the list available on the BASMAA website to customers. Parks staff then follows up to ensure proper BMPs were used in the clean up. For example, during the Holi event held at Baylands Park in March 2011, storm drains were sealed off and the water was pumped to landscaping. Then clean up of the Park hardscape was done by a BASMAA-certified company.**

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

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

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

Comments:

- **Any graffiti removal operations (Parks/ Boulevard Landscaping) are done using BASMAA Guidelines/BMPs, eliminating any cleaning water from entering the storm drains.**
- **Public Works Field Services Division and Parks Division employees receive annual general training on proper graffiti removal best management practices as part of annual stormwater pollution prevention and permit training topics.**
- **No contracts for bridge or structural maintenance/graffiti removal were issued in FY 2010-2011. If such contracts are issued in the future, contract specifications will include requirements/specifications for the proper capture and disposal of wastes from these sources.**
- **No bridge or structural maintenance activities occurred during FY 2010-2011 that were directly over water or had runoff into storm drains.**
- **Proper disposal of wastes from graffiti removal activities occurred. Wastes generated from structural maintenance such as the cleaning of pedestrian over-crossings was properly disposed of and protected from entering the storm drain collection system.**

C.2.d. ► Stormwater Pump Stations						
Does your municipality own stormwater pump stations:				<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
If your answer is No then skip to C.2.e.						
Complete the following table for dry weather DO monitoring and inspection data for pump stations ¹ (add more rows for additional pump stations):						
Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data			
	Date	mg/L	Date	mg/L		
Pump Station #1 – Carl Road	7/29/2010	3.5	8/26/2010	3.5		
Pump Station #2 – Baylands Park	7/29/2010	7.0	8/26/2010	6.0		
Summary: No corrective actions were needed based on DO monitoring results.						
Attachments: No attachments are needed.						
Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):						
Pump Station Name and Location	Date (2x/year required)	Presence of Trash (Cubic Yards)	Presence of Odor (Yes or No)	Presence of Color (Yes or No)	Presence of Turbidity (Yes or No)	Presence of Floating Hydrocarbons (Yes or No)
Pump Station #1 – Carl Road	12/28/10	0.025	No	Yes	Yes – low	No
Pump Station #1 – Carl Road	12/29/10	0.07	No	Yes	Yes – low	No
Pump Station #1 – Carl Road	1/31/11	3.0	No	No	No	No
Pump Station #1 – Carl Road	2/18/11	None	No	No	No	No
Pump Station #1 – Carl Road	3/21/11	1.0	No	Yes	Yes – med.	No
Pump Station #1 – Carl Road	3/25/11	0.5	No	No	No	No
Pump Station #1 – Carl Road	6/6/11	0.25	No	No	No	No
Pump Station #2 – Baylands Park	12/28/10	0.15	No	Yes	Yes – low	No
Pump Station #2 – Baylands Park	12/29/10	0.15	No	Yes	Yes – low	No
Pump Station #2 – Baylands Park	1/31/11	2.0	No	No	No	No
Pump Station #2 – Baylands Park	2/18/11	None	No	No	Yes – low	Yes - low

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

Pump Station #2 – Baylands Park	3/21/11	1.5	No	No	No	No
Pump Station #2 – Baylands Park	3/25/11	0.25	No	No	No	No
Pump Station #2 – Baylands Park	6/6/11	0.02	No	No	No	No

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

Does your municipality own/maintain rural² roads: Yes No

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

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

<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
<input type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings

Comments including listing increased maintenance in priority areas:
Provision C.2.e does not apply Sunnyvale, as the City does not own or maintain roads that meet the definition of “Rural Roads” within its jurisdiction.

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

C.2.f. ► Corporation Yard BMP Implementation			
Place an X in the boxes below that apply to your corporations yard(s):			
<input type="checkbox"/>	We do not have a corporation yard		
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit		
<input checked="" type="checkbox"/>	We have a current Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)		
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:			
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment		
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system		
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method		
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used		
<input type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants. (See comment below.)		
Comments: Due to funding limitations, outdoor storage areas have not been covered or bermed. The City continues to assess the fiscal feasibility of covering or berming the outdoor storage areas. However, funding is not currently available. The drain inlet adjacent to the dry storage area is protected by a silt sack that is maintained or replaced regularly to provide the appropriate contaminant removal and to ensure that any runoff entering the inlet is free of debris that might come from the storage bins.			
If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information: Sunnyvale Corp Yard is not an NOI facility.			
Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
Sunnyvale Corporation Yard	9/16/10	Two Storm Drain Inlets (SDIs) inspected and cleaned. No debris found. SDIs inspected: BM348, DI 312 & BM348, DI 315	No follow up actions required
Sunnyvale Corporation Yard	9/20/10	Three SDIs inspected and cleaned. No debris found. SDIs inspected BM373, DI 307-309.	Silt sack placed on Inlet near outdoor storage area as additional preventive measure.

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

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

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

Summary:

(1) Sunnyvale City Council adopted revisions to the Sunnyvale Municipal Code SMC 12.60 on November 16, 2010, which became effective in January 2011. The revisions to SMC 12.60 provided the additional legal authority necessary to implement Provision C.3. The revised ordinance is available on-line at http://acode.us/codes/sunnyvale/view.php?topic=12-12_60&frames=off .

(2) During the development review process applicants are required to consult with Planning Division staff early in the design phase. City Staff will inform the applicant if a Storm Water Management Plan (SWMP) is required as part of the project submittal. Upon submittal the project is reviewed for compliance with the City's Zoning and relevant Municipal Codes (including stormwater). Once the application is found to comply with the applicable requirements it is deemed complete and scheduled for public hearing. Conditions of approval are approved at the public hearing, which include the following items:

- Final SWMP at Building Permit
- 3rd Party Certification of SWMP at Building Permit
- Maintain approved SWMP features at all times
- Right to enter facility for inspection (post-construction)

The Municipal Code also allows the City to cite and fine property owners for deficiencies in post-construction SWMP measures following the City's Enforcement Response Plan for Illicit Discharges.

(3) Water quality is addressed through the requirement of a SWMP and associated best management practices. Since these requirements are required by the Municipal Code, they are generally considered less than significant during environmental review. Standard Development Requirements are used to ensure projects comply with the permit requirements. The only time mitigation measures may be needed is if the project site is located adjacent to a creek or waterway, in which case mitigations dealing with development setbacks and other treatments may be required.

(4) Staff from Building Division and Capital Projects Administration attended the Statewide Stormwater General Permit for Construction sponsored by SCVURPPP from February 2-4, 2011. City staff from Planning and Building divisions of the Community Development Department and Engineering and Environmental divisions of the Public Works Department attended the C.3 Workshop sponsored by SCVURPPP on June 2, 2011. General information about stormwater issues/training is provided at

individual division staff meetings and off-site training is available for staff as needed.

(5) Sunnyvale has contracted with two firms (Kennedy/Jenks & Associates and EOA, Inc. to review and revise the City's current Stormwater BMP Guidance Manual for new and redevelopment projects to include guidance and information for project proponents to understand the City's approval process, standards and requirements for stormwater treatment and control to meet C.3 criteria, LID measures, etc. Revisions to the document are under way by knowledgeable staff and the consultants. It is anticipated that the revision will be completed in November of 2011. Staff training on the new Guidance Manual will be provided at that time and the revised information will be made available to project applicants.

Materials and guidance on C.3 requirements are available on the City's website and at the "One-Stop" counter and are provided to project applicants as part of pre-application meetings/requests.

(6) The City prepared an information hand-out which identifies measures to manage on-site storm water sources. The brochure is provided to customers as needed and available online at the following two links:

<http://sunnyvale.ca.gov/Departments/CommunityDevelopment/ResidentialInformation.aspx>

<http://sunnyvale.ca.gov/Departments/CommunityDevelopment/PermitsPlanChecksandFees/StormWaterRequirements.aspx>

(7) Projects that require Planning Approval, but that are not regulated, include a Best Management Practices condition. Other unregulated projects that only require a building permit are required to turn in the Best Management Practices sheet in the approved plan set.

(8) The City worked on an update/revision of its General Plan in FY 10-11. The revised General Plan went to the City Council for approval on July 26, 2011. Elements of the General Plan related to stormwater and water quality/watershed protection, water supply and flood protection, and sustainable development were included. Council approved the Plan revisions with minor modifications as suggested by the Planning Commission. A copy of the City's General Plan can be found at

<http://sunnyvale.ca.gov/CodesandPolicies/GeneralPlan.aspx>

C.3.b. ► Green Streets Status Report

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

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

Summary:

Please see the C.3 New Development and Redevelopment section of Program's FY 10-11 Annual Report for a description of activities of the C3PO AHTG Green Streets Work Group and the BASMAA Development Committee.

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

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

Table C.3.b.v (1), parts 1 and 2 are attached at the end of this section.

C.3.c. Low Impact Development Reporting

Please see the Program's annual report C.3 section and/or a BASMAA summary report that describe the submittals made during FY 10-11 (i.e., Biotreatment Soil Specifications, Special Projects Proposal, Feasibility/Infeasibility Criteria Report, and Green Roof Specifications). Sunnyvale staff provided review, comments, and information to support draft submittals through the SCVURPPP C3PO Ad hoc task group participation.

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.

Attached table C.3.h.iv (1) is filled in and available at the end of this section:

(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:

Inspection findings indicate a continuance of the common problem with the inspection of newly installed vault based treatment systems in that most facilities are not aware of the maintenance and documentation requirements. This is consistent with last year's findings in that initial inspections are typically more educational in nature to ensure that the facility operator is aware of the requirements, and to establish the required maintenance program including documented inspections and clean out

activities. This year's inspections of existing vault based treatment systems resulted in improved awareness and maintenance activities where the systems had previously been inspected and the operators were aware of the requirements. Most existing systems have been placed on a maintenance schedule using commercial contractors specializing in stormwater management.

- (3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:

The City of Sunnyvale Pretreatment Program staff, Utilities Department / Environmental Division is responsible for implementing the O&M Program for installed stormwater treatment systems post construction. The prioritized inspection plan has not changed, and is as follows:

- (a) Building Division inspectors performed inspections of all newly installed stormwater treatment systems and HM controls within 45 days of installation to ensure approved plans have been followed, effective Dec. 1, 2010.
- (b) The Pretreatment Program performs Operation and Maintenance Verification Inspections of installed stormwater treatment systems and HM controls. Each fiscal year, Pretreatment inspects at least 20% of the total number (at the end of the preceding fiscal year) of installed stormwater systems.
- (c) Each fiscal year Pretreatment will inspect at least 20% of the total number (at the end of the preceding fiscal year) of installed vault based systems; and
- (d) All installed stormwater treatment systems will be inspected by Pretreatment at least every five years.

There are 25 projects throughout the City where construction is complete and treatment devices are installed. During this fiscal year, the Pretreatment Program performed post construction O&M verification inspections for 23 installed devices at 12 separate sites (48%). Of the 25 installed systems, 24 of them contain vault based treatment. During the reporting period, the program inspected 11 sites with installed vault based systems (45%).

Building Safety Inspectors performed inspections of eight newly installed stormwater treatment systems/devices for facilities that are operating under their building permits. No problems were observed with the units inspected.

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

Project Name Project No.	Project Location ³ , Street Address	Name of Developer	Project Phase No. ⁴	Project Type & Description ⁵	Project Watershed ⁶	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ff ²)	Total Replaced Impervious Surface Area (ff ²)	Total Pre- Project Impervious Surface Area ⁷ (ff ²)	Total Post- Project Impervious Surface Area ⁸ (ff ²)
Private Projects											
311 Capella 2010-7493	311 Capella	Capella Holdings, LLC	N/A	Mixed use project with 279 units and 34,575 sq. ft. of ground floor retail.	Sunnyvale East Channel	8.26	8.26	11,557	333,556	333,556	345,113
955 Stewart Dr. 2011-7104	955 Stewart Dr.	Pulte Homes	N/A	161 Townhome Units	Calabazas Creek	8.28	8.28	0	41,160	300,612	248,981
1060 Morse Av. 2011-7296	1060 Morse Av.	Classic Communities	N/A	17 Townhome units	Calabazas Creek	.83	.89	0	33,489	33,489	25,324
921 E. Arques Ave. 2010-7890	921 E. Arques Av.	John Ivo Dukanovic	N/A	New multi-tenant commercial building	Calabazas Creek	2.56	1.06	3,072	46,392	92,236	95,308
650 E. Taylor Av. 2010-7739	650 E. Taylor Av.	City Ventures	N/A	24 new townhomes in an MS/ITR/R-3 Zoning District.	Sunnyvale East Channel	1.25	1.25	0	42,790	43,800	42,790
1044 E. Duane 2010-7738	1044 E. Duane	Taylor Morrison of California	N/A	132 Condominium Units	Calabazas Creek	7.3	7.3	0	22,903	284,040	220,903

³ Include cross streets

⁴ If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

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

⁶ State the watershed(s) in which the Regulated Project is located. Optional but recommended: Also state the downstream watershed(s).

⁷ For redevelopment projects, state the pre-project impervious surface area.

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

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

Project Name Project No.	Project Location ³ , Street Address	Name of Developer	Project Phase No. ⁴	Project Type & Description ⁵	Project Watershed ⁶	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²)	Total Replaced Impervious Surface Area (ft ²)	Total Pre- Project Impervious Surface Area ⁷ (ft ²)	Total Post- Project Impervious Surface Area ⁸ (ft ²)
1263 E. Arques Av. 2011-7236	1263 E. Arques Av.	Arc-Tec	N/A	New two-level parking structure for Kaiser medical office	Calabazas Creek	2.4	.64	1,601	26,331	76,145	77,746
700 Timberpine 2010-7672	700 Timberpine	Toll Brothers	N/A	51 Single-Family detached homes and new public street	Calabazas Creek	10	10	236,257	0	0	236,257
Public Projects											
Sunnyvale Golf Course Paths, PR-10/01-10	605 Macara Avenue	City of Sunnyvale	N/A	Removal of turf and replacement with concrete pathways	Sunnyvale West Channel	115	4.25	63,000	122,000	122,000	185,000
Comments: None.											

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period										
Project Name Project No.	Application Deemed Complete Date ⁹	Application Final Approval Date ⁹	Source Control Measures ¹⁰	Site Design Measures ¹¹	Treatment Systems Approved ¹²	Operation & Maintenance Responsibility Mechanism ¹³	Hydraulic Sizing Criteria ¹⁴	Alternative Compliance Measures ^{15/16}	Alternative Certification ¹⁷	HM Controls ^{18/19}
Private Projects										
311 Capella 2010-7493	7/19/2010	9/27/2010	Covered dumpster area, drain to sanitary sewer	Not applicable Downtown infill–lot line to lot line project	Media Filters	Conditions of Approval	C.3.d.i(2)(b) Flow Design	Not applicable	Not applicable	Project not located in HMP Inclusion area.
955 Stewart Dr. 2011-7104	5/24/11	6/13/11	Beneficial landscaping; Covered dumpster area, drain to sanitary sewer; Maintenance	Minimize impervious surfaces; Preserve Open Space	Media Filter; Porous Pavement	Conditions of Approval	C.3.d.i(2)(c) Flow Design	Not applicable	Not applicable	Project not located in HMP Inclusion area.

⁹ For private projects, state project application deemed complete date and final discretionary approval date.

¹⁰ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹¹ List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

¹² List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

¹³ List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

¹⁴ See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

¹⁵ For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

¹⁶ For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i. (2), on a separate page, provide the information specified in Provision C.3.b.v. (1) (m) (ii) for the Regional Project.

¹⁷ Note whether a third party was used to certify the project design complies with Provision C.3.d.

¹⁸ If HM control is not required, state why not.

¹⁹ If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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

Project Name Project No.	Application Deemed Complete Date ⁹	Application Final Approval Date ⁹	Source Control Measures ¹⁰	Site Design Measures ¹¹	Treatment Systems Approved ¹²	Operation & Maintenance Responsibility Mechanism ¹³	Hydraulic Sizing Criteria ¹⁴	Alternative Compliance Measures ^{15/16}	Alternative Certification ¹⁷	HM Controls ^{18/19}
1060 Morse Av. 2011-7296	7/1/2011	7/25/2011	Covered dumpster area, drain to sanitary sewer	Disconnect downspouts; Minimize impervious surfaces	Biofilter; Other: Up-flow filter	Conditions of Approval	C.3.d.i(2)(b) Flow Design C.3.d.i(1)(a) Volume Design	Not applicable	Not applicable	Project not located in HMP Inclusion area.
921 E. Arques Ave. 2010-7890	6/14/11	6/21/11	Beneficial landscaping; Covered dumpster area, drain to sanitary sewer; Maintenance	Micro-detention in landscape	Biofilter; Planter Boxes	Conditions of Approval	C.3.d.i(2)(c) Flow Design	Not applicable	Not applicable	Project not located in HMP Inclusion area.
650 E. Taylor Av. 2010-7739	11/1/10	12/13/10	Beneficial landscaping; Covers, drains for loading docks, maintenance bays, fueling areas; Maintenance; Outdoor material storage	Alternative driveway design; Cluster structures / pavement; Disconnect downspouts; Micro-detention in landscape; Minimize change in runoff hydrograph; Minimum-impact street or parking lot design; Minimize	Biofilter; Infiltration basin; Flow through planter	Conditions of Approval	C.3.d.i(2)(c) Flow Design C.3.d.i(1)(b) Volume Design	Not applicable	Not applicable	Project not located in HMP Inclusion area.

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

Project Name Project No.	Application Deemed Complete Date ⁹	Application Final Approval Date ⁹	Source Control Measures ¹⁰	Site Design Measures ¹¹	Treatment Systems Approved ¹²	Operation & Maintenance Responsibility Mechanism ¹³	Hydraulic Sizing Criteria ¹⁴	Alternative Compliance Measures ^{15/16}	Alternative Certification ¹⁷	HM Controls ^{18/19}
				impervious surfaces; Preserve open space						
1044 E. Duane 2010-7738	1/28/11	3/29/11	Beneficial landscaping; Covered dumpster area, drain to sanitary sewer; Maintenance	Cluster Structures; Disconnect downspouts; Micro-detention; Minimize change in runoff; Minimize- impact; Minimize impervious surface	Biofilter; Infiltration basin	Conditions of Approval	C.3.d.i(2)(c) Flow Design	Not applicable	Not applicable	Project not located in HMP Inclusion area.
1263 E. Arques Av. 2011-7236	4/28/11	4/26/11	Beneficial landscaping; Covered dumpster area, drain to sanitary sewer; Maintenance	Minimize impervious surface (multi- story parking structure)	Biofilter; Filtera Unit	Conditions of Approval	C.3.d.i(2)(c) Flow Design	Not applicable	Not applicable	Project not located in HMP Inclusion area.
700 Timberpine 2010-7672	6/15/11	7/25/11	Beneficial landscaping	Disconnect downspouts; Minimize change in run-off; Minimize impervious surface	Biofilter	Conditions of Approval	C.3.d.i(2)(c) Flow Design	Not applicable	Not applicable	Project not located in HMP Inclusion area.

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

Project Name Project No.	Application Deemed Complete Date ⁹	Application Final Approval Date ⁹	Source Control Measures ¹⁰	Site Design Measures ¹¹	Treatment Systems Approved ¹²	Operation & Maintenance Responsibility Mechanism ¹³	Hydraulic Sizing Criteria ¹⁴	Alternative Compliance Measures ^{15/16}	Alternative Certification ¹⁷	HM Controls ^{18/19}
Comments: None										
Public Projects										
Sunnyvale Golf Course Cart Paths, PR-10/01-10	2/8/2011 - Council Award	6/3/2011 – Construction Complete	On-site BMPs, equipment contained in staging area storage shed	All new golf course pathways surrounded by grass, no increase to off-site runoff.	Runoff directed to adjacent pervious turf surfacing.	City NPDES Permit	C.3.d.i(2)(c) Flow Design	Not applicable	Not applicable	Project not located in HMP Inclusion area.
Comments: None.										

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.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ²⁰	Party Responsible ²¹ For Maintenance	Date of Inspection	Type of Inspection ²²	Type of Treatment/HM Control(s) Inspected ²³	Inspection Findings or Results ²⁴	Enforcement Action Taken ²⁵	Comments
211-25-002 Wallgreens	782-820 E. El Camino Real, Sunnyvale CA	No	San Mateo CPP Investors, LLC / Revel Environmental Manufacturing	4/7/2011	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	Maintenance records provided for one vortex unit.
211-25-002 Wallgreens	782-820 E. El Camino Real, Sunnyvale CA	No	San Mateo CPP Investors, LLC / Revel Environmental Manufacturing	4/7/2011	Routine	Vortex Separator	1. No Visible/Apparent Problems	None	Maintenance records provided.
209-13-059, 209-13-060 Britton Place	624/628 E. Evelyn Avenue Britton Place, Sunnyvale CA	No	Christion Co. - Michelle Amaguana / SWIMS	4/7/2011	Routine	Vegetated Swale	1. No Visible/Apparent Problems 15. Poor Vegetation Coverage	None	Some sparse vegetation, but no erosion.
209-13-059, 209-13-060 Britton Place	624/628 E. Evelyn Avenue Britton Place, Sunnyvale CA	No	Christion Co. - Michelle Amaguana / SWIMS	4/7/2011	Routine	Hydrodynamic Separators	1. No Visible/Apparent Problems	None	Maintenance records provided for 3 CDS units.
21125048 PetSmart	770 E. El Camino Real, Sunnyvale CA	No	Kay Enterprises / Revel Environmental Manufacturing	2/23/2011	Routine	Vortex Separator	1. No Visible/Apparent Problems	None	Maintenance records provided for one vortex unit.
21125048 PetSmart	770 E. El Camino Real, Sunnyvale CA	No	Kay Enterprises / Revel Env.Manufact.	2/23/2011	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	No comments

²⁰ Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

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

²² State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

²³ State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

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

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

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.									
Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ²⁰	Party Responsible ²¹ For Maintenance	Date of Inspection	Type of Inspection ²²	Type of Treatment/HM Control(s) Inspected ²³	Inspection Findings or Results ²⁴	Enforcement Action Taken ²⁵	Comments
21125044 Best Buy	760 E. El Camino Real, Sunnyvale CA	No	Ramco IL, Inc./ Revel Environmental Manufacturing	2/23/2011	Routine	Vortex Separator	1. No Visible/Apparent Problems	None	Maintenance records provided for one vortex unit.
21125044 Best Buy	760 E. El Camino Real, Sunnyvale CA	No	Ramco IL, Inc./ Revel Environmental Manufacturing	2/23/2011	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	No comments
21125046 Crazy Buffet	830 E. El Camino Real, Sunnyvale CA	No	Vim Kumar / Revel Environmental Manufacturing	7/15/2010	Routine	Vegetated Swale	15. Poor Vegetation Coverage	None	No comments
2112504 Crazy Buffet	830 E. El Camino Real, Sunnyvale CA	No	Vim Kumar / Revel Environmental Manufacturing	7/15/2010	Routine	Hydrodynamic Separators	40. Locking Mechanism Not Working 41. Sediment Accumulation 38. Access Cover Damaged/Difficult to Remove/Not in Place	Warning Notice	One warning notice issued regarding both swales and vortex unit.
21125046 Crazy Buffet	830 E. El Camino Real, Sunnyvale CA	No	Vim Kumar / Revel Environmental Manufacturing	3/29/2011	Follow-up	Hydrodynamic Separators	41. Sediment Accumulation	None	Maintenance inspection needed and required follow up.
11014165 Classics at Kiel Court	1049 Kiel Court, Sunnyvale CA	Yes	Bob Soares	6/7/2011	Routine	Vortex Separator	62. Other	Warning Notice	Maintenance inspection and service needed - required follow up.
11032020 Network Appliance	1275 Crossman Avenue, Sunnyvale CA	Yes	David Shroyer	6/30/2011	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	No comments
11032020 Network Appliance	1275 Crossman Avenue, Sunnyvale CA	Yes	David Shroyer	6/30/2011	Routine	Hydrodynamic Separators	62. Other	None	Maintenance records needed and required follow up.

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.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ²⁰	Party Responsible ²¹ For Maintenance	Date of Inspection	Type of Inspection ²²	Type of Treatment/HM Control(s) Inspected ²³	Inspection Findings or Results ²⁴	Enforcement Action Taken ²⁵	Comments
11050003 Classics at City Park	Weddell Drive @ Kiel Ct., Sunnyvale, CA	Yes	Michelle Amaguana	6/9/2011	Routine	Hydrodynamic Separators	1. No Visible/Apparent Problems	None	Maintenance records provided for 7 CDS units.
32333128, 129 Trellis Project	610 Alberta Sunnyvale, CA	Yes	Richard Overhouse / Massingham and Associates Mgt. Inc.	6/29/2011	Routine	Infiltration Trench	1. No Visible/Apparent Problems	None	Infiltration trench and bubblers being inspected and maintained.
21302025 Evelyn Glenn	Peppermint Tree Terrace, Sunnyvale, CA	No	Michelle Joaquinn / Management Financial Consultants, Inc.	6/28/2011	Routine	Hydrodynamic Separators	62. Other	Verbal Notice	Maintenance inspection and service needed - required follow up.
21117001 Sunnyvale Retail Center	150 E. El Camino Real, Sunnyvale CA	Yes	Gary Jones / Drainage Protection Systems	6/27/2011	Routine	Media Filter	1. No Visible/Apparent Problems	None	Maintenance records provided for one media filter unit.
21117004 Safeway #2887	762 Sunnyvale Saratoga Rd., Sunnyvale CA	Yes	Safeway Inc. / Gary Jones of Drainage Protection Systems	6/27/2011	Routine	Media Filter	1. No Visible/Apparent Problems	None	Maintenance records provided for 2 media filter units.
Juniper	1081 Innovation Way, Sunnyvale, CA	Yes	Juniper	11/12/10	45 Day	Hydrodynamic Separator	Proper Installation	None	None
Essex	675 Tasman Dr Sunnyvale, CA	Yes	Essex Properties	5/3/11	45 Day	Landscaping	Proper Installation	None	None
BRE	1285 Lawrence Station Road Sunnyvale, CA	Yes	BRE Properties	5/18/11	45 Day	Oil-Sand Interceptor	Proper Installation	None	None
Juniper	1133 Innovation Wy Sunnyvale, CA	Yes	Juniper	5/31/11	45 Day	Hydrodynamic Separator	Proper Installation	None	None

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.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ²⁰	Party Responsible ²¹ For Maintenance	Date of Inspection	Type of Inspection ²²	Type of Treatment/HM Control(s) Inspected ²³	Inspection Findings or Results ²⁴	Enforcement Action Taken ²⁵	Comments
BRE	685 Tasman Dr Sunnyvale , CA	Yes	BRE Properties	6/2/11	45 Day	Hydrodynamic Separator	Proper Installation	None	None
Essex	685 Tasman Dr Sunnyvale , CA	Yes	Essex Properties	6/2/11	45 Day	Media Filter	Proper Installation	None	None
BRE	1281 Lawrence Station Road Sunnyvale, CA	Yes	BRE Properties	6/8/11	45 Day	Media Filter	Proper Installation	None	Installed 4/29/11
BRE	1295 Lawrence Station Road Sunnyvale, CA	Yes	BRE Properties	6/27/11	45 Day	Media Filter	Proper Installation	None	None

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

Program Highlights

Provide background information, highlights, trends, etc.

(1) The Business Inspection Plan was updated to include additional internal procedures documentation (e.g. Pollutants of Concern (POC) Supplemental Inspection Form for PCBs). Minor revisions were made to Sunnyvale’s commercial inspection database. During the year one inspector was on a leave of absence for three months and one inspector retired leaving an empty position for two months of this reporting period.

(2) The City completed 540 IND / COM inspections during the reporting period, with a total of 88 enforcement actions starting with verbal warnings (49), and warning notices (36), and notices of violation (3).

(3) All inspection staff attended stormwater training at the CWEA Annual P3S conference.

The City’s Senior Inspector presented a regulatory overview at the May 5, 2011 IND/IDDE Workshop “Conducting Effective Stormwater Inspections of Industrial and Commercial Facilities” and Sunnyvale Environmental Division staff provided a presentation on inspecting for pollutants of concern (e.g., PCBs, Mercury, & Copper) during stormwater inspections. Most City inspection staff and others involved in the implementation of the IND/IDDE program efforts on behalf of the City attended the workshop. Ongoing staff training on issues related to IND/IDDE inspections occurs at bi-weekly meetings for staff.

(4) Sunnyvale staff actively participated in the Program’s IND/IDDE Ad Hoc Task Group (AHTG) and assisted in the development of the IND/IDDE SCVURPPP Workshop in addition to staff being presenters at the Workshop. Staff also assisted in the development and review of AHTG products. See the C.4 Industrial and Commercial Site Controls section of the Program’s FY 10-11 Annual Report for a description of the activities of the IND/IDDE AHTG and the BASMAA Municipal Operations Committee.

(5) Sunnyvale Environmental Division staff attended (via teleconference or in person) several BASMAA Municipal Operations Committee meetings in FY 10-11 and provided input/comments on work products of the group. The City’s Senior Inspector is the chair of the Bay Area Pollution Prevention Group (BAPPG) and the Environmental Outreach Coordinator is the secretary of the BAPPG.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan? Yes No

If No, explain:

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

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

**The Sunnyvale Commercial Database maintains the list of facilities in our Inspection Plan.
 See Appendix 4-1: C.4.b.iii (1) Potential Facilities List for the current facilities listed in the database.**

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

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

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

C.4.c.iii.(1) ► Facility Inspections

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

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

	Number	Percent
Number of businesses inspected	475	
Total number of inspections conducted	540	
Number of violations (excluding verbal warnings)	39	
Sites inspected in violation	32	6.7 %
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	33	85 %

Comments:
The number of violations is counted as the number of enforcement actions issued (excluding verbal warnings). The number of sites inspected in violation is less than the total number of violations because some sites received more than one enforcement action. The multiple enforcement actions were not necessarily escalating enforcement actions for the same violation, but rather enforcement actions issued at separate times for different types of violations.

There were 6 violations reported as not resolved within 10 working days:

- Three of these violations were likely resolved within the 10 days but the inspector was not able to return to the site within this time period to confirm. The next inspection conducted was after the 10 days.
- One site was referred to a Hazardous Material inspector for follow-up. The stormwater inspector returned at a date later than 10 working days.
- One site required additional enforcement action on the second inspection before coming into compliance within 13 working days.
- The City considers the sixth violation as resolved in a timely manner even though it was longer than 10 working days. A car wash had storm drains at the entrance and exit of the car wash and required time to install asphalt berms (similar to speed bumps) to prevent water from the car wash from entering the storm drains.

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

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	9
Potential discharge and other	30
Comments: Discharge streams are counted as one discharge per inspection per site.	

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

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

	Enforcement Action (as listed in ERP) ²⁶	Number of Enforcement Actions Taken	% of Enforcement Actions Taken²⁷
Level 1	Verbal Notice or Warning Notice and Distribution of Educational Material - Minor enforcement action needed	49	56
Level 2	Warning Notice or Notice of Violation – Moderate violation enforcement action	36	41
Level 3	Notice of Violation with Compliance Meeting – Severe Violation Enforcement Action	3	3
Level 4	Administrative Order/Administrative Penalties issued with City Attorney involvement – Severe Violation	0	0
Total		88	100

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

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

Business Category²⁸	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Automotive	3	8
Food Service	4	21
Other (Retail)		1
Permitted	2	

C.4.c.iii.(4) ► Non-Filers

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

There were no industries identified as non-filers.

²⁶ Agencies to list specific enforcement actions as defined in their ERPs.

²⁷ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

²⁸ List your Program's standard business categories.

C.4.d.iii ► Staff Training Summary				
Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
SCVURPPP IND/IDDE Workshop “Conducting Effective Stormwater Inspections of Industrial and Commercial Facilities”	May 5, 2011	<ul style="list-style-type: none"> •Why we inspect: Overview of MRP requirements •Water Board staff: inspections and compliance •Stormwater Pollution Prevention and Commercial/Industrial inspections •Documenting compliance and coordination with agencies •Is it a violation? •Inspecting IND/COM facilities for pollutants of concern (e.g., PCBs, Mercury, Copper) during stormwater inspections •IDDE responses •Field scenario exercise for stormwater inspectors 	7	100%
CWEA Annual P3 Conference	February 28-March 2, 2011	U.S. EPA and SWRCB Updates, stormwater issues.	4	57%

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

Program Highlights

Provide background information, highlights, trends, etc.

- **Added new pollutant types to the IDDE database.**
- **Sunnyvale staff participated in the Program's IND/IDDE Ad Hoc Task Group (AHTG).**
- **Environmental Division staff participated in the BASMAA Municipal Operations Committee and provided input and comments on work products of the group.**
- **See the C.5 Illicit Discharge Detection and Elimination section of the Program's FY09-10 Annual Report for a description of activities of the IND/IDDE AHTG and the BASMAA Municipal Operations Committee.**

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

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

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

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

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

Description:

- **Sunnyvale currently addresses mobile businesses by responding to any complaints/observations of illicit discharges on an as needed basis. In addition, Sunnyvale has a practice of recommending certified Mobile Surface Cleaners. We require the same BMPs as recommended by the BASMAA Mobile Surface Cleaners Program, which reduce the discharge of pollutants from mobile businesses and includes minimum standards and BMPs for specific types of mobile businesses. The City utilizes the IDDE Response Plan in conjunction with our Stormwater Enforcement Response Plan to implement consistent enforcement for mobile businesses, which are inspected as needed.**
- **BASMAA is developing additional requirements for auto washing businesses and carpet cleaning businesses into their program. SCVURPPP will be developing guidance on minimum standards and BMPs for steam cleaning.**
- **City staff (i.e., Facilities Management and Parks) is aware of the need to hire certified Mobile Surface Cleaners or to have staff take the training to become certified under the BASMAA programs. No mobile surface cleaners were hired by the City in FY 10-11. Parks staff that operates the Tennant Scrubber to clean downtown business district streets is aware of the BASMAA BMPs and follow them for their sidewalk cleaning activities. See responses to provision C.2.b of this report.**

For additional information, see the C.5 Illicit Discharge Detection and Elimination section of Program's FY 10-11 Annual Report for a description of efforts by the IND/IDDE AHTG and the BASMAA Municipal Operations Committee to address mobile businesses.

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

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

Description:

Sunnyvale’s Collection System Screening program follows the guidance provided by the USEPA/Center for Watershed Protection by conducting inspections of all SDIs on an annual basis and conducting a survey of key outfalls (approximately one screening point per square mile, less open space). The outfalls selected include key major outfalls draining industrial areas.

The Storm and Sewer Collection System division inspects and/or cleans as necessary all storm drain inlets (SDIs) within the City’s jurisdiction on an annual basis. Field staff is trained to notify Pretreatment Program staff if they observe an illicit discharge entering the storm drain or if illicit materials are observed during inspection/cleaning activities. These are reported as IDDE incidents and follow up occurs per the City’s enforcement response plan.

Annual outfall inspections are conducted by Pretreatment Inspectors and other knowledgeable staff during the dry season (at least 3 weeks since the previous measurable rainfall) of a subset of the City’s 97 outfalls in the Sunnyvale East, West, and El Camino Channels, and Calabazas and Stevens Creeks. A copy of the outfall inspection results is included in Appendix 5-2 for FY 2010-2011. A total of 16 outfalls were inspected and one observed in the Sunnyvale East Channel had a discharge of “blue water” that was determined to be coming from an overflow issue in the Sunnyvale Community Center ponds. (See C.5.f.iii (1), (2), (3) comments section below for a description of the actions taken to resolve the problem.) No other illicit discharges were noted.

In FY 11-12, the SDI inspection/cleaning form has undergone a revision to include a check box for illicit discharge observations and the Field Services staff doing the clean out/inspection activities received training on what to look for, how to fill out the forms, and who should be notified if they observe illicit discharges in July 2011. Pretreatment and Environmental Division staff, with assistance from the Field Services staff will identify and inspect a subset of the outfalls into local waterways, including key outfalls inspected the previous year and adding some new ones in areas that had not been inspected previously. Outfall inspections generally occur in August and are included in that reporting year.

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

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

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	26	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	10	38
Discharges resolved in a timely manner (C.5.f.iii.(3))	25	96

Comments:

Two of the 26 discharges reported above when investigated were found to be allowable discharges and therefore considered “resolved in a timely manner”.

The one discharge that was not resolved in a timely manner required additional time for infrastructure changes by the City Parks/Public Works. Overflow from the City’s Community Center ponds was discharged to the storm drain system because one drain was plumbed to the storm system. The problem was operator error. The operator was educated so there would be no further discharges through the drain plumbed to the storm sewer until infrastructural changes could be made. The modifications were completed and all pond drains are now plumbed to the sanitary sewer.

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

See the attached table below:

Category Name	Total Number of Complaints
Allowable Discharge	1
Conditionally Exempt Discharge	1
Construction Debris	2
Dumping, Non-hazardous	2
Dumpster Discharge	1
Equipment Cleaning	1
Grey Water Discharge	1
Misc. Incident	1
Oil and Grease	1
Pools/Spas/Fountains	4
Sanitary Spill	1
Surface Cleaning	3
Un-Hardened Concrete	1
Used Oil Dumping	2
Vehicle and Equipment Leaking	1
Vehicle Washing	1
Water Line Breaks	2

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals		
Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (C.6.e.iii.1.c)
Private Projects		
1	18	51
Public Projects		
1	1	46
<p>Comments: Note: Private project inspections are conducted by Building Safety Inspectors staff from the Community Development Department. Public project inspections are conducted by Project Administration staff/inspectors from the Public Works Department.</p> <p><u>Private Projects:</u> An additional 36 construction site inspection reports were written for private project construction sites less than one acre.</p> <p><u>Public Projects:</u> We conducted inspections at 13 non-high priority sites in addition to the sites listed above with 30 additional inspections conducted.</p>		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category (Private Projects)	Number of Violations²⁹	% of Total Violations³⁰
Erosion Control	4	8%
Run-on and Run-off Control	6	12%
Sediment Control	12	25%
Active Treatment Systems	0	0%
Good Site Management	26	53%
Non Stormwater Management	1	2%
Total	49	100%
BMP Category (Public Projects)	Number of Violations	% of Total Violation
Erosion Control	0	0
Run-on and Run-off Control	0	0
Sediment Control	1	33.3
Active Treatment Systems	1	33.3
Good Site Management	1	33.3
Non Stormwater Management	0	0
Total	3	100%

²⁹ Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

³⁰ Percentage 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 (Private Projects) (as listed in ERP) ³¹	Number Enforcement Actions Taken	% Enforcement Actions Taken ³²
Level 1	Education and Cooperation – Notice of Correction	34	92%
Level 2	Notice of Violation	2	5%
Level 3	Stop Work Order	1	3%
Level 4	Administrative Citations, Misdemeanor Citations, or Criminal Complaints	0	0%
Total		37	100%
	Enforcement Action (Public Projects) (as listed in ERP)	Number Enforcement Actions Taken	% Enforcement Actions Taken
Level 1	Education and Cooperation – Notice of Correction	3	100%
Level 2	Notice of Violation	0	0
Level 3	Stop Work Order	0	0
Level 4	Administrative Citations, Misdemeanor Citations, or Criminal Complaints	0	0
Total		3	100%

C.6.e.iii.1.f, g ► Illicit Discharges

(Private Projects)	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
(Public Projects)	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

³¹ Agencies should list the specific enforcement actions as defined in their ERPs.

³² Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

C.6.e.iii.1.h, i ► Violation Correction Times		
Private Projects	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)	41	98% ³³
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	1	2% ³⁴
Total number of violations for the reporting year³⁵	42	100%
Comments: Violations not fully corrected within 30 days were due to NOI not being renewed as required. A stop work order was issued until NOI was renewed on 9/23/10.		
Public Projects	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)	3	100%
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0%
Total number of violations for the reporting year³⁶	100	100%
Comments: None		

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: <u>Private Projects:</u> The monthly inspection of sites disturbing 1 acre or more and high priority sites were not done on a consistent basis. We have changed our procedures by pre-scheduling inspections, 6 months in advance, in the computer system for the first of each month. <u>Public Projects:</u> Typical performance for most sites is that all BMPs are in place and the inspectors monitor BMPs closely, especially during rainy season.

³³ Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

³⁴ Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

³⁵ Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

³⁶ Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

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

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

Description: Private Projects:

Measures taken to improve effectiveness in FY 10-11 included:

- **Revised storm water construction inspection forms and inspection data tracking.**
- **Developed electronic tracking system.**
- **Revised operating procedures and provided training to all inspectors on new requirements.**
- **Began using the new inspection forms in March 2011.**
- **Continued using the Stormwater Best Management Practices Handbook Portal: for Construction.**
- **Participated in the Program's Construction Ad Hoc task group and assisted in the review of AHTG work products**

Public Projects:

Public Works- Capital Project inspectors worked with revised stormwater construction inspection forms and inspection data tracking tools and conducted inspections with the new forms.

Project Administration Inspectors need to attend more training sessions on new SWPPP rules when are they are offered/available.

See the C.6 Construction Site Control section of Program's FY 10-11 Annual Report for a description of activities of the Construction AHTG and the BASMAA Development Committee.

C.6.f ► Staff Training Summary

Private Projects

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
QSD and QSP Training	2/2/11 to 2/4/11	QSD AND QSP Training	1	13%
Storm Water Treatment Inspection	5/25/11	Field Inspections of Treatment Devices	8	100%
Annual C.3 Stormwater Workshop	6/2/11	Low Impact Development Requirements	4	50%

Public Projects

QSD and QSP Training	2/2/11 to 2/4/11	QSD AND QSP Training (Project Admin. Inspectors)	1	11%
Annual C.3 Stormwater Workshop	6/2/11	Low Impact Development Requirements (PW Engineering Services Staff)	4	80%

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

C.7.b.ii.1 ► Advertising Campaign

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

Summary:

For Sunnyvale’s campaign details, see Appendix 7-1.

Examples of advertising materials developed and used by Sunnyvale are available for review in Appendix 7-1.

The following separate reports developed by SCVURPPP summarize countywide advertising efforts conducted during FY 10-11:

- **FY 10-11 Watershed Watch Campaign Annual Campaign Report**
- **FY 10-11 Watershed Watch Partner Report**
- **FY 10-11 Watershed Watch Web Statistics Report**

These reports are included within the C.7 Public Information and Outreach section of Program’s FY 10-11 Annual Report

C.7.b.iii.1 ► Pre-Campaign Survey

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

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

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

	Survey report attached
x	Reference to regional submittal: Not required for this Annual Report.

C.7.c ► Media Relations

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

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

Summary:

For Sunnyvale's media relations effort details, with descriptions of media pieces, see Appendix 7-2.

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 10-11:

- **BASMAA Media Relations Final Report FY 10-11**

This report and any other media relations efforts conducted countywide are included within the C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report.

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 10-11:

This information was provided in the FY 09-10 Annual Report and no changes were made in FY 10-11 to website addresses and phone numbers/contacts.

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

C.7.e ► Public Outreach Events

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

Use the following table for reporting and evaluating public outreach events

Event Details	Description (messages, audience)	Evaluation of Effectiveness
<p>For descriptions of Regional efforts, see the Program's Section C.7 of the Annual Report.</p>		
<p>Specific outreach efforts in Sunnyvale are described below:</p>		

Community Outreach		
<p>Sunnyvale 2010 State of the City Washington Park July 4, 2010</p>	<p><u>Type of Event:</u> Fair/booths highlighting City services and information <u>Audience:</u> City residents, both youth and adults <u>Messages:</u> Stormwater pollution prevention, IPM, less-toxic options for pest control, water conservation, draining options for pools and spas, and proper disposal information on pesticides, pharmaceuticals and mercury.</p>	<p><u>General Feed Back:</u> This was a good opportunity for outreach to the community on a variety of environmentally related topics. <u>Estimated number of contacts:</u> 134 individuals stopped to ask questions and/or receive information/brochures. <u>Comparison to previous events:</u> There was about a 40% increase over booth visitors reported for the previous year.</p>
<p>Mercury Thermometer Exchange / Med Drop Sunnyvale Senior Center September 22, 2010</p>	<p><u>Type of Event:</u> Collaboration with Department of Public Safety staff for a Mercury Thermometer Exchange / Medicine Drop-off during Pollution Prevention Week. <u>Audience:</u> Senior adults <u>Messages:</u> Proper disposal options for mercury-containing products and old medications</p>	<p><u>General Feed Back:</u> This was a very successful event with Seniors to collect 40 mercury-containing thermometers and 46.5 pounds of unused medications for proper disposal at the same time. <u>Estimated number of contacts:</u> At least 40 individuals brought in thermometers and we did not count the number of individuals bringing in used medications, but it was enough to fill a 55-gallon drum. <u>Comparison to previous events:</u> Two events were held in FY 09-10 with 119 thermometers collected. This is a situation where a decrease in the amount of mercury thermometers collected is positive, as it shows that the older mercury thermometers are getting out of people's homes and potentially the environment, since this event has been held for more than three years. The quantity of medicines collected increased, showing that this is an effective event to get resident participation in the proper disposal of wastes.</p>
<p>Green Gardener Landscape Maintenance Professionals Training Program Sunnyvale Adult Community Education Center September - December 2010 (10 weeks of classes, 2 hours each)</p>	<p><u>Type of Event:</u> Training sessions by Sunnyvale staff as guest instructors for three classes – Soils, IPM and Air Quality. See the Program's section C.7 of the annual report for additional information on</p>	<p><u>General Feed Back:</u> This training provides a good mechanism to teach and promote the use of IPM practices by landscape maintenance professionals. Student evaluations of the presentations by Sunnyvale staff were</p>

<p>San Jose- sponsored Green Gardener Classes March – May 2011 (10 weeks of classes/2 hours each)</p>	<p>the Green Gardener program. Sunnyvale staff also assisted as a guest instructor for the IPM class held by the San Jose Green Gardener program in the spring of 2011. <u>Audience:</u> Landscape maintenance professionals <u>Messages:</u> Benefits of healthy soils to reduce synthetic fertilizer use, IPM practices for landscape care, and techniques to reduce air quality impacts prevent air and water pollution</p>	<p>generally positive and identified as being useful. <u>Estimated number of contacts:</u> For the SCVURPPP-sponsored program, 38 individuals attended the two-hour classes on IPM (Spanish and English) and 18 attended the 2-hour presentation on soils. Approximately 30 individuals attended the 2-hour IPM training in San Jose. <u>Comparison to previous events:</u> The number of successful graduates SCVURPPP-sponsored classes increased by approximately 50% this year. This was the first year for the San Jose program. All successful program graduates are listed on www.mywatershedwatch.org website under the Green Gardener tab.</p>
<p>Santa Clara County Creeks & Watershed Conference Camden Community Center November 6, 2010</p>	<p><u>Type of Event:</u> Trainings and various booths and exhibits related to county creeks, watershed issues and/or concerns and local government. <u>Audience:</u> Adults <u>Messages:</u> Stormwater pollution prevention, IPM, less-toxic options for pest control, water conservation, litter, and auto fluids.</p>	<p><u>General Feedback:</u> This event provided a venue to present information on how indoor/outdoor daily activities impact the health of our watershed and ways to protect it. <u>Estimated Number of Contacts:</u> 51 individuals stopped to ask questions and/or receive information/brochures. <u>Comparison to Previous Events:</u> There was about a 45% increase over booth visitors reported for the previous year.</p>
<p>Pollution Prevention Lecture Sunnyvale Senior Center January 12, 2011</p>	<p><u>Type of Event:</u> Presentation / Discussion <u>Audience:</u> Senior adults <u>Messages:</u> Water pollution prevention: IPM, less-toxic options for pest control, water conservation, litter, auto fluids, and proper disposal of mercury / HHW.</p>	<p><u>General Feedback:</u> This was a good opportunity for outreach to the senior community on a variety of environmentally related topics and opened the lines of communication to discuss items of concern to those attending. <u>Estimated Number of Contacts:</u> 10 individuals attended the presentation <u>Comparison to Previous Events:</u> This was a new event this year.</p>
<p>OSH No-Tax Day Event Sunnyvale OSH</p>	<p><u>Type of Event:</u> Environmental Outreach staffed a table with Annie Joseph of the</p>	<p><u>General Feedback:</u> While attendance was low, the event provided a venue for Outreach to</p>

<p>March 13, 2011</p>	<p>BASMAA-OWOW outreach program. <u>Audience:</u> Adults <u>Messages:</u> Staff was available to assist shoppers in finding “Our Water, Our World” less toxic options for pest control. In addition, various IPM, water conservation, pollution prevention and HHW brochures were available.</p>	<p>present information at a point of sale, and to have one-on-one IPM conversations. <u>Estimated Number of Contacts:</u> 19 individuals approached us for either materials and/or to ask IPM or pest related questions <u>Comparison to Previous Events:</u> This was a new event this year.</p>
<p>Spring Landscaping Event Sunnyvale Home Depot April 1, 2011</p>	<p><u>Type of Event:</u> Various booths related to landscaping and gardening <u>Audience:</u> Adults <u>Messages:</u> Stormwater pollution prevention, IPM, less-toxic options for pest control, water conservation, Green Gardener and HHW.</p>	<p><u>General Feedback:</u> While attendance was low, the event did allow staff to have good one-on-one communications to directly address residents’ questions and provide a venue to present information at a point of sale about the OWOW program. <u>Estimated Number of Contacts:</u> 24 people stopped by our booth for materials and/or discussion about IPM approaches. <u>Comparison to Previous Events:</u> This was a slight decrease in the numbers spoken with the previous year.</p>
<p>Leadership Sunnyvale Sunnyvale SMaRT Station / WPCP April 14, 2011</p>	<p><u>Type of Event:</u> Community education program that provides participants with training on the fundamentals of leadership and classes in community awareness <u>Audience:</u> Adults / community members <u>Messages:</u> Topics included a wastewater treatment process overview, a tour of the Water Pollution Control Plant, and discussions on water and stormwater pollution and its prevention.</p>	<p><u>General Feedback:</u> This event presents a key opportunity to provide awareness to potential community leaders about watershed and pollution prevention issues. <u>Estimated Number of Contacts:</u> 20 individuals participated in the event <u>Comparison to Previous Events:</u> This was a slight decrease from the numbers participating the previous year.</p>
<p>Sunnyvale Health & Safety Fair Columbia Neighborhood Center April 30, 2011</p>	<p><u>Type of Event:</u> Community event that educates area residents about health, safety, and community services. <u>Audience:</u> City residents, both youth and adults <u>Messages:</u> Difference between sanitary sewers and storm drains. Literature about water pollution prevention (IPM, less-toxic</p>	<p><u>General Feedback:</u> This was a good opportunity for outreach to community on a variety of environmentally related topics. <u>Estimated Number of Contacts:</u> Approximately 82 individuals (adults, students and children) visited the exhibit for information, literature and/or to play the bean bag game <u>Comparison to Previous Events:</u> The number</p>

	<p>options for pest control, water conservation, draining options for pools and spas, and proper disposal information on pesticides, pharmaceuticals and mercury) was distributed and the bean bag game was available for youth to play.</p>	<p>of visitors decreased by about 65% from previous years. It is not known why fewer people attended the event this year and stopped by the booth. We may have reached a saturation point with our information at this event, since we have participated in it for many years. We will be investigating new outreach tools/activities in FY 11/12 to help re-ignite resident/youth interest.</p>
<p>Compost Workshops Sunnyvale Community Center Workshops are held once per month, 10 times during the year</p>	<p><u>Type of Event:</u> Community workshop on learning how at-home composting turns organic material into valuable product for gardens and landscaping. <u>Audience:</u> City residents, adults <u>Messages:</u> Registrants learn that applying compost to gardens and landscaping reduces the need to apply fertilizer resulting in healthier plants, thus reducing the need for pesticide applications.</p>	<p><u>General Feedback:</u> These classes help support IPM practices and educate individuals on how to reduce the need for fertilizers, which can impact stormwater. <u>Estimated Number of Contacts:</u> Attendance was sporadic, depending on the season. Generally, anywhere between 12 and 40 individuals attended each new workshop session. <u>Comparison to Previous Events:</u> Participation numbers this year were similar to those from previous years.</p>
<p>Sunnyvale Farmers Market Every Saturday In FY 10/11 staff participated 9 times</p>	<p><u>Type of Event:</u> Community <u>Audience:</u> City residents, both youth and adults <u>Messages:</u> Environmental Outreach exhibit promotes pesticide reduction through IPM practices during the spring and summer months, and highlights the difference between sanitary sewers and storm drains at other times. Stormwater pollution prevention is focused on during the fall and winter months. Literature and fact sheets on less-toxic pest control and other pollution prevention literature such as the HHW mercury brochure, water conservation, vehicle fluids, car washing</p>	<p><u>General Feedback:</u> The market draws 2-3000 people each Saturday and provides an effective way to interface with shoppers in a venue that promotes healthy food and pesticide free gardening. <u>Estimated Number of Contacts:</u> For this reporting year, we spoke with and provided outreach materials to approximately 256 individuals (adults) total for all days attended. <u>Comparison to Previous Events:</u> The participation was down approximately 10% from attendance reported the previous year. It is not known why the number decreased, but we may have reached a saturation point for this activity, as we have been doing it for many</p>

	<p>and surplus utility bill targeting water/stormwater pollution concerns are available.</p> <p>Distributed items such as stickers and “Pest or Pal” activity books about IPM to interested youth.</p>	<p>years. We will be investigating new outreach tools/activities in FY 11/12 to do in lieu of some of the Farmer’s Market events.</p>
<p>Sunnyvale Water Pollution Control Plant Tours Provided when requested by schools or quarterly for residents</p> <p>Plant Tours are conducted year round, however, this year staff began offering Quarterly Community tours Saturdays. Three Saturday community tours were conducted during FY 10-11.</p> <p>In addition, staff can now provide a “virtual tour” with a Power Point presentation either on-site or at school in case of rain.</p>	<p><u>Type of Event:</u> Plant Tours <u>Audience:</u> City residents, both youth and adults <u>Messages:</u> Treatment stages and processes are discussed, and attendees learn the function and importance of the wastewater treatment plant and its role of preventing water pollution from wastewater discharge. Both stormwater and wastewater pollution issues are discussed as part of the tour, and educating participants on the difference between the sanitary sewer and storm drain collection system is an integral part of the messages provided.</p>	<p><u>General Feedback:</u> Discussions about water pollution and issues impacting the watershed and the environment help tour attendees gain a better understanding of the problems. At the completion of the tour, attendees are given educational materials that promote environmentally responsible behaviors. By the end of the tour, all participants know the difference between sanitary sewers and storm sewers. <u>Estimated Number of Contacts:</u> The Plant conducted 23 adult tours (including college students) in FY 10-11, reaching 526 individuals. <u>Comparison to Previous Events:</u> This was an increase of over 20% from the previous year.</p>
<p>Business Outreach</p>		
<p>Network Appliance Life & Wellness Fair NetApp, Sunnyvale July 29, 2010</p>	<p><u>Type of Event:</u> Corporate <u>Audience:</u> Data Storage Device professionals <u>Messages:</u> Various organizations offered free information to employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on IPM and the Green Gardener program. We also provided general water pollution prevention literature about mercury, pesticides/IPM, car wash, automotive fluids, and water conservation.</p>	<p><u>General Feedback:</u> This was a good opportunity for outreach to employees on a variety of environmentally related topics and to be able to answer various questions related to pollution prevention. <u>Estimated Number of Contacts:</u> We had approximately 139 individuals stop by the booth. <u>Comparison to Previous Events:</u> This is a new event this year at Network Appliance that Outreach was invited to attend.</p>
<p>Health and Safety Fair QuickLogic Corporation, Sunnyvale</p>	<p><u>Type of Event:</u> Corporate <u>Audience:</u> Integrated Circuit professionals</p>	<p><u>General Feedback:</u> This was a good opportunity for outreach to employees on a</p>

<p>August 11, 2010</p>	<p><u>Messages:</u> Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on IPM and the Green Gardener program. We also provided water conservation messages and general water pollution prevention literature about mercury, pesticides/IPM, car washing, automotive fluids, etc.</p>	<p>variety of environmentally related topics and to be able to answer various questions related to pollution prevention and IPM. <u>Estimated Number of Contacts:</u> We had approximately 41 employees stop by the booth <u>Comparison to Previous Events:</u> While the number attending was smaller than last year (down about 10%), the event participants were enthusiastic and asked a plethora of questions.</p>
<p>Lockheed Fun Run/Walk Event Lockheed, Sunnyvale September 23, 2010</p>	<p><u>Type of Event:</u> Corporate <u>Audience:</u> Aerospace & Defense professionals <u>Messages:</u> Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Since it was P2 Week, our exhibit focused on various pollution prevention topics and on Coastal Cleanup Day. We also provided water conservation messages and general water pollution prevention literature about mercury, pesticides/IPM, car washing, automotive fluids, etc.</p>	<p><u>General Feedback:</u> This was a good opportunity for outreach to employees on a variety of environmentally related topics and to be able to answer various questions related to pollution prevention. <u>Estimated Number of Contacts:</u> We had approximately 100 employees stop by the booth. <u>Comparison to Previous Events:</u> This is a new venue that outreach staff was invited to attend.</p>
<p>Juniper Networks, Sunnyvale October 7, 2010 (Outreach provided to assist with facility's Green Business Renewal)</p>	<p><u>Type of Event:</u> Corporate <u>Audience:</u> Networking Hardware professionals <u>Messages:</u> Outreach staff was asked to host a table and focus on water conservation. In addition general information on pollution prevention was provided.</p>	<p><u>General Feedback:</u> While event was small, it was a focused outreach and allowed for quality conversations on water conservation and other pollution prevention topics with participants <u>Estimated Number of Contacts:</u> Staff spoke to approximately 59 people during event. <u>Comparison to Previous Events:</u> This was a new event this year.</p>
<p>Sunnyvale Sunrise Rotary Club Le Boulanger, Sunnyvale November 3, 2010</p>	<p><u>Type of Event:</u> Corporate <u>Audience:</u> Various business professionals <u>Messages:</u> Presentation focused on a virtual tour of the WPCP and a general discussion on pollution prevention and provided literature on the topics (mercury,</p>	<p><u>General Feedback:</u> Members were very interested in the information and programs available. <u>Estimated Number of Contacts:</u> Event was attended by 10 individuals. <u>Comparison to Previous Events:</u> This was the</p>

	pesticides/IPM, car washing, automotive fluids, etc.)	same number of attendees as in the previous year.
Health / Go Green Fair Applied Micro Circuits, Sunnyvale November 5, 2010	<u>Type of Event:</u> Corporate <u>Audience:</u> Semiconductor & related devices professional <u>Messages:</u> Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused a variety of pollution prevention messages. We also provided general water conservation and pollution prevention literature about mercury, pesticides/IPM, car wash, automotive fluids, etc ...	<u>General Feedback:</u> This was a good opportunity for outreach to employees on a variety of environmentally related topics and to be able to answer various questions related to pollution prevention. <u>Estimated Number of Contacts:</u> Approximately 88 individuals stopped by the booth for information. <u>Comparison to Previous Events:</u> This was a 70% increase on the number of individuals that we spoke with at last year's event.
Our Water Our World Training OSH, Sunnyvale January 27, 2011	<u>Type of Event:</u> Training <u>Audience:</u> Home Depot staff <u>Messages:</u> Supported Our Water Our World staff at a training for on IPM methods and the Our Water Our World program.	<u>General Feedback:</u> Only two employees were aware of what IPM meant and what the approach was before the training. All knew what it was after the training. <u>Estimated Number of Contacts:</u> Training was attended by 10 staff. <u>Comparison to Previous Events:</u> This was a new activity for this year as in FY 09-10 we participated in the training at Home Depot.
Earth Day Event Network Appliance, Sunnyvale April 22, 2011	<u>Type of Event:</u> Corporate <u>Audience:</u> Data Storage Device professionals <u>Messages:</u> Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on IPM and the Green Gardener program. We also provided water conservation messages and general water pollution prevention literature about mercury, pesticides/IPM, car washing, automotive fluids, etc.	<u>General Feedback:</u> This was a good opportunity for outreach to employees on a variety of environmentally related topics and to be able to answer various questions related to pollution prevention. <u>Estimated Number of Contacts:</u> Approximately 83 individuals stopped by the booth for information <u>Comparison to Previous Events:</u> This was an increase of approximately 20% over last year's event.
GreenNG Fair Northrop Grumman, Sunnyvale	<u>Type of Event:</u> Corporate <u>Audience:</u> Aerospace & Defense	<u>General Feedback:</u> This was a good opportunity for outreach to employees on a

<p>May 18, 2011</p>	<p>professionals <u>Messages:</u> Exhibitor booths offered free information to company employees that focused on helping them live a safer and healthier lifestyle. Our exhibit focused on a variety of pollution prevention messages. We also provided water conservation messages and general water pollution prevention literature about mercury, pesticides/IPM, car washing, automotive fluids, etc.</p>	<p>variety of environmentally related topics and to be able to answer various questions related to pollution prevention. <u>Estimated Number of Contacts:</u> This was a well-attended event, with 164 employees spoken with and/or receiving information. <u>Comparison to Previous Events:</u> This was a decrease of approximately 23%; however feedback from the organizer stated that employees that the booths were informative and stated that the event was enjoyable.</p>
<p>Employee Outreach</p>		
<p>Water Pollution Control Plant (WPCP) Tours As requested - Plant Tours are conducted year round.</p>	<p><u>Type of Event:</u> Tour of facility <u>Audience:</u> City of Sunnyvale staff <u>Messages:</u> Treatment stages and processes are discussed, and attendees learn the function and importance of the wastewater treatment plant and its role of preventing water pollution from wastewater discharge. Both stormwater and wastewater pollution issues are discussed.</p> <p>At the completion of the tour, attendees were given educational materials promoting environmentally responsible behaviors.</p>	<p><u>General Feedback:</u> Great opportunity to show staff how their work interacts with our activities. Also allows us hold discussions about water pollution prevention and issues impacting watersheds and the environment which helped participants gain a better understanding of the problems. The presentation educated staff on how the stormwater and sanitary sewer collection systems are related to treatment processes at the WPCP. <u>Estimated Number of Contacts:</u> The Plant conducted one tour for Field Services employees in FY 10-11, reaching 10 individuals. <u>Comparison to Previous Events:</u> There was a decrease in the number of staff requesting tours from previous years as many that have business related to us have already been on one.</p>
<p>Regional Outreach (The following information is for events sponsored by the Program where Sunnyvale assisted with staffing.)</p>		
<p>Muslim Green Fair Muslim Community Association November 6, 2010</p>	<p><u>Type of Event:</u> Community fair <u>Audience:</u> Families with children <u>Message/Event description:</u> Stormwater</p>	<p><u>General Feed Back:</u> This is a good event for reaching members of the Muslim community. The beanbag game was a big hit at this event</p>

	<p>pollution prevention, less-toxic pest control options and, proper disposal of HHW.</p>	<p>and the other booths tied in nicely with the Program’s messages. Few people wanted to take brochures, but many had questions and read through the material. The bean bag game was used at this event. <u>Estimated Overall Event Attendance:</u> 1,000 <u>Number of Brochures Distributed:</u> 14 <u>Number of Giveaways Distributed:</u> 221</p>
<p>Earth Day Event NVIDIA, Santa Clara, CA April 21, 2011</p>	<p><u>Type of Event:</u> Corporate event <u>Audience:</u> Information Technology Professionals <u>Message:</u> Stormwater pollution prevention, less-toxic pest control options and, proper disposal of HHW.</p>	<p><u>General Feed Back:</u> This event is very well organized and a lot of employees stopped at the booth to ask questions. Not many were interested in taking brochures but noted down the website for future reference. <u>Estimated Overall Event Attendance:</u> 500 - 1,000 <u>Number of Brochures Distributed:</u> 19 <u>Number of Giveaways Distributed:</u> 299</p>

C.7.f. ► Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

During FY 10-11, the Program actively supported the Santa Clara Basin Watershed Initiative, including the Steering Committee, the Land Use Subgroup, the Santa Clara Valley Zero Litter Initiative, and the Product Action Subgroup. Information on these efforts is included within the C.7 Public Information and Outreach section of the Program’s FY 10-11 Annual Report. The Program also participated in the Bay Area Macro-invertebrate Bioassessment Information Network. Information on this is included in the C.8 Water Quality Monitoring section of the Program’s FY 10-11 Annual Report

In addition, Sunnyvale staff, as part of participation in the Land Use Subgroup, gave a presentation to docents of the “Going Native Garden Tour” regarding the subgroup’s new “Soak It Up” flyer that encouraged garden/landscape designs and approaches that minimize directly connected impervious area at a residential level.

Sunnyvale staff continues to support the Stevens & Permanente Creeks Watershed Council through attending meetings and providing free meeting space for the group. The City sent a letter of support for the Council's efforts at obtaining a grant to help with creek monitoring. City staff began working with Watershed Council representatives to plan and hold a World Water Monitoring Day event in October 2011 in Sunnyvale on Stevens Creek. The City is providing testing kits for the event and assisting with the promotion and implementation of this new citizen participation event for FY 11-12.

C.7.g. ► Citizen Involvement Events

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

Event Details	Description	Evaluation of effectiveness
<p>See the Program's Report, Section C.7.g for information on county-wide citizen involvement events. Specific events held in Sunnyvale are identified below:</p>		
<p><u>Name:</u> California Coastal Cleanup Day <u>Date:</u> September 25, 2010 (9 AM – noon) <u>Locations/ Focus:</u> For the statewide-wide event, Sunnyvale focused on Sunnyvale West Channel and a portion of Guadalupe Slough on the outside levees (shoreline) of the Water Pollution Control Plant oxidation ponds.</p>	<p>Trash and litter clean- up event along shorelines of local waterways.</p>	<p><u>Number of Participants:</u> 26 volunteers and 4 city staff <u>Area cleaned:</u> approximately 1.5 miles of slough and channel bank. <u>Quantities of materials removed:</u> approximately 320 pounds of trash and 90 pounds of recyclables (plastic bottles / glass) during the event. <u>Most common debris items collected:</u> -shotgun shells/wadding (too numerous to count) - plastic bottles - Styrofoam packing materials <u>Comparison to previous events:</u> The number of participants and quantity of debris collected was down by about 50% from the previous year. One factor noted by the volunteers was that there was less trash in some of the Guadalupe slough areas. These areas had been cleaned up as part of the City's trash hot spot clean ups in May 2010, and not as</p>

		<p>much trash had accumulated in the time period since the hot spot clean up..</p>
<p>Name: Great American Litter Pickup <u>Date:</u> April 16, 2011 (9 AM – noon) <u>Location/Focus:</u> Sunnyvale sponsored four sites in neighborhoods around the city: Columbia Neighborhood Center, Fair Oaks Park, Raynor Park and a portion of the John W. Christian Greenbelt</p>	<p>Collected litter and cleaned illegal dumping sites from neighborhoods surrounding event check-in sites.</p>	<p><u>Number of participants:</u> 31 volunteers and 6 city staff. <u>Area cleaned</u> approximately 4 – one square mile neighborhood areas around the park check in locations. (Total of 4 square miles) <u>Quantities of materials removed:</u> approximately 3 cubic yards of trash and litter, including recyclable bottles and cans was collected. An additional 8-10 cubic yards of illegally dumped material was collected from the Christian Greenbelt area and Fair Oaks Park neighborhood. These were generally larger items that would not fit into a storm drain inlet, but could get into the nearby Sunnyvale East Channel. <u>Most common debris items collected:</u> From streets: plastics, snack food wrappers plastic bottles, aluminum cans, and paper. Larger debris collected was mostly cardboard, furniture, carpet, and tires. <u>Comparison to previous events:</u> Numbers of participants each year were similar, but there was a significant increase in the quantity of debris removed this year, mainly due to the Greenbelt clean up area addition.</p>
<p>Name: National River Clean Up Day <u>Date:</u> May 21, 2011 <u>Location/Focus:</u> Sunnyvale East Channel and a portion of Calabazas/San Tomas Aquino Creek, north of Highway 237 crossing</p>	<p>Clean up along banks of local waterways.</p>	<p><u>Number of participants:</u> 38 volunteers and 3 City staff <u>Area cleaned:</u> Approximately 2.5 miles of channel bank and creeks were cleaned <u>Quantities of materials removed:</u> Approximately 1,123 lbs of trash and 23 lbs of recyclable materials were removed (enough to fill a 4 cubic yard dumpster) <u>Most common debris items collected:</u> Plastic bottles, Styrofoam pieces, packing material, and food/beverage containers and wrappers,</p>

		<p>single use plastic bags, and cigarette butts Comparison to previous events: This event had similar numbers of volunteers as in previous years, but the total area cleaned expanded and the quantity of debris collected increased by 155% over the previous year. Part of this increase may have been due to the previous wet winter season, where more trash/litter was pushed down the creeks/channels into the clean up area. Also, the distance covered in the clean up area changed, capturing more debris from the Highway 237 crossing of the Sunnyvale East channel.</p>
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C.7.h. ► School-Age Children Outreach

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

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
<p>See <u>Appendix 7-3</u> for a detailed report on Sunnyvale's School-Age Children Outreach Activities in Sunnyvale</p>			

The following separate reports developed by SCVURPPP and other organizations also include information about school-age children outreach efforts conducted during FY 10-11:

- ZunZun School Assemblies for Watershed Watch Campaign- FY 10-11 Academic Year Final Report
- Memorandum- Evaluation of the School Assembly Program- FY 10-11
- Watershed Watchers: Keeping Our Waterways Clean: FY 10-11 Fourth Quarter Report (includes end-of-year Summary from Alviso Education Center)

These reports are included as within the C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report.

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary

During FY 10-11, we contributed through the countywide Program to the BASMAA Regional Monitoring Coalition (RMC). In addition, we contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups by Program staff. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 10-11 Annual Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a ► Adopt an Integrated Pest Management (IPM) Policy or Ordinance			
Attach a copy of your individual IPM ordinance or policy. <i>(Water Board staff requested (re-submittal for FY 10-11.)</i>	<input checked="" type="checkbox"/>	Attached	<input type="checkbox"/> Not attached , explain below
If Not attached , explain:			
<p>Describe mechanism for adopting/formalizing your agency's IPM ordinance or policy (e.g., department head approval, integration into SOPs, staff training:</p> <p>Sunnyvale’s IPM policy was provided in FY 09-10 Annual Report and a copy is also provided in Appendix 9-1 of this report. The procedure for adopting or modifying a city policy is outlined in the City’s Policy Manual and is described below:</p> <ol style="list-style-type: none"> 1. Lead Department, as assigned by the City Manager, drafts or revises an administrative policy in consultation with the Intergovernmental Relations division (IGR Officer) and other directly-affected departments. 2. Office of the City Manager (IGR Officer) reviews the policy for consistent format and routes the proposed new or revised policy to the City Manager. 3. City Manager reviews the proposed changes. If appropriate, the policy may be routed to Executive Leadership Team (ELT – City Department Directors) for review. 4. Office of the City Manager posts the approved policy on the Intranet. An archival electronic copy is retained. 5. Office of the City Manager distributes an electronic copy of the approved policy to all managers citywide who are then responsible for informing their staff about the policy. 6. Office of the City Manager retains the signed policy in the Master File. 7. The online version of the Administrative Policy Manual is the “master” version of the Manual and is kept current by the Office of the City Manager. Staff can maintain the currency of their Administrative Policy Manual binders by downloading updated policies from the online version of the Manual following e-mail notification of an update to the policies by the Office of the City Manager. To ensure that staff is referencing the current version of an administrative policy; the online version of the Manual should be reviewed. 8. The lead department is responsible for ensuring that staff citywide understands the policies for which they are the lead and develops and coordinates training as necessary. The Department of Human Resources shall include general training on the Administrative Policy Manual in its orientation to new employees. 			

C.9.b ► Implement IPM Policy or Ordinance					
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.					
Trends in Quantities and Types of Pesticides Used³⁷					
Pesticide Category and Specific Pesticide Used	Amount³⁸				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	0	0			
Pyrethroids					
Tempo Cyfluthrin	637.2 oz	54.4 oz			
Cy-Kick Cyfluthrin (SMaRT Station contractor)	unknown	0.12 oz			
PT 565 XLO/ (SMaRT Station contractor) Pyrethrins Piperonyl butoxide	unknown	0.12 oz 0.12 oz			
Delta Dust Crack & Crevice Dust Deltamethrin	0.00075 oz	0			
Drione Dust Crack & Crevice Dust Pyrethrin Piperonyl butoxide	0.125 oz 0.0125 oz	0 0			
Spectracide Prallethrin Lambda Cyhalothrin	1.8 oz 0.72 oz	3.5 oz 1.4 oz			
PT 565 Pyrethrin d-Transallethrin Piperonyl butoxide n-Octylbicycoheptane dicarboximide	0	0.01 oz 0.01 oz 0.04 oz 0.04 oz			
Carbaryl	0	0			

³⁷ Includes all municipal structural and landscape pesticide usage by employees and contractors.

³⁸ Weight or volume of the product or preferably its active ingredient, using same units for the product each year.

Fipronil					
Max Force Bait Station Fipronil	0.00262 oz	0.0021 oz			
Termidor Fipronil	0.2912 oz	0			

Comments:
See Appendix 9-2 for a description City IPM practices, precautions, and trends in pesticide use.

C.9.c ▶ Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	61
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	61
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 <u>one</u> of the following:							
<input checked="" type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures. (See Appendix 9-3 for sample contract specifications to follow the City's IPM policy that goes into any contracts for firms providing pest control services.)						
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR						
<input type="checkbox"/>	Equivalent documentation.						
If Not attached , explain:							

C.9.e ▶ Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected OR reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.
Summary: During FY 10-11, we participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees.

C.9.f ▶ Interface with County Agricultural Commissioners			
Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.			
C.9.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.			
<p>Summary:</p> <p>See the C.9 Pesticides Toxicity Control section of Program’s FY 10-11 Annual Report for information on point of purchase public outreach conducted countywide and regionally.</p> <p>In addition, Sunnyvale staff participated in a “No Tax Day” event at Orchard Supply in March 2011 and a spring gardening event at Home Depot In May 2011 for these businesses located in Sunnyvale. Staff provided information on less-toxic options for pest control, using BASMAA outreach materials and referencing examples of the IPM Store Partnership products. See Public Outreach section report, Provision C.7.e for more details about the events.</p>			
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.			
<p>Summary:</p> <p>See the C.9 Pesticides Toxicity Control section of Program’s FY 10-11 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.</p> <p>In addition, Sunnyvale staff continued its support of the Green Gardener Program by providing both technical and in-kind assistance to coordinate the Santa Clara Valley Green Gardener classes through the following efforts:</p> <ul style="list-style-type: none"> • Researching and providing supplemental materials regarding IPM for classes in both Spanish and English. • Providing classroom instruction in soils, fertilizers, and Integrated Pest Management practices. • Offering free classroom space and developing/coordinating presentations supporting IPM practices for four Green Gardener recertification classes for previously trained Green Gardeners held in the spring of 2011. Classes in English were offered on “Growing Healthy Soils and Plants” and “Irrigation System Troubleshooting” and in Spanish, classes were offered in “Irrigation 			

System Troubleshooting” and “Soils and Compost for Plant Health”.

- Continuing to foster partnerships with the California Landscape Contractor’s Association to promote the Green Gardener training program to their membership.
- Maintaining a partnership with the Sunnyvale-Cupertino Adult Education Program to offer the Green Gardener classes in the fall of 2011.
- Meeting with other city/agency staff to promote the expansion of the Green Gardener training program into other communities and providing technical assistance to agencies who implemented the training program for landscape maintenance workers.

In addition to the SCVURPPP efforts, Sunnyvale promoted the Santa Clara Valley Green Gardener classes and the hiring of Green Gardeners at the Sunnyvale Farmers Market and other venues (see Section C.7 of this report for details) and through internal outreach resources.

In September 2010, Sunnyvale staff met with representatives from Bay Valley Pest Control, the City’s main contractor for structural pest control on City-owned property, and provided them with information about the City’s IPM policy and IPM training opportunities for their staff.

When it was determined by the City’s Solid Waste Program staff that the pest control sub-contractor for the facility contractor that operates the City’s Materials Recovery Facility (SMaRT Station) had used pyrethroid pesticides around the exterior of the administrative building, staff discussed the issue with the contractor/sub-contractor and reminded them of their requirement to follow the City’s IPM policy. The sub-contractor was provided with sample “justification” forms used by the City’s main structural pest control contractor to demonstrate/document that they were only using pyrethroid pesticides if other IPM approaches had been tried and had failed, and that they were doing the applications in a way to prevent potential contamination of stormwater. It is anticipated that the sub-contractor will follow the City’s IPM policy in the future.

Section 10 - Provision C.10 Trash Load Reduction

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

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

Description:

See the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

Sunnyvale has been participating in a pilot full-trash capture device pilot study with SCVURPPP since the winter of 2008, when the installation of 13 full-trash capture devices was initiated. In 2008 and 2009, City staff removed and quantified the debris and trash collected in each of the 13 retrofitted inlets, as an initial step toward understanding the quantities, types of trash, and potential sources that enter the city's storm drain collection system. In 2010, SCVURPPP staff completed the analyses of the material collected. In 2011, as the process for trash quantification was refined, BASMAA identified certain land use locations to collect data from and the City provided materials cleaned from two retrofitted inlets that met the land-use criteria for the BASMAA study. The debris was provided to the contractor performing the analyses on behalf of BASMAA. Sunnyvale will continue to participate in data collection efforts that can be used by Sunnyvale and other municipalities to determine current baseline loading rates. This information will assist in the development of the short-term and long-term trash control actions for the City.

With assistance and guidance from SCVURPPP and BASMAA, Sunnyvale is preparing a list of potential actions that will be implemented to meet the MRP-mandated reductions. Currently, the City is considering or has initiated the following activities that will be included as elements of the overall short-term plan:

- The installation of more full-trash capture storm drain inserts, funded by the ABAG/SFEP grant program is underway. Approximately 64 storm drain inlets (SDIs) have been identified as being suitable for retrofit. Installations will be complete by the fall of 2011. Additional retrofits of SDIs will occur before July 1, 2014, pending funding availability.
- The consulting firm of Schaaf & Wheeler, is preparing a study (due in the fall of 2011) to identify upgrades to or refurbish the City's Stormwater Pump Station #2. As a part of this review, recommendations were requested to assess the possibility of retrofitting the pump station with a full-trash capture device that would meet MRP requirements. If determined to be feasible, the installation of a trash full-capture device would be included as a part of the capital project for this facility upgrade.
- The City continues to promote opportunities and hopefully increase the number of volunteers participating in litter collection events from city streets and sidewalks (e.g., Great American Litter Pick Up event, working with neighborhoods/schools to hold local clean up events). These activities will help prevent litter from entering the storm drain collection system.
- The City has prepared an EIR to support the development of an ordinance to ban retail, single-use plastic bag ban for retail businesses. Steps toward developing and implementing a single use bag-ban ordinance are being taken by Solid Waste

Program staff.

- Pollution prevention messages and presentations to local youth at schools and other media venues continue to include a focus on preventing litter and why it is important to keep it out of our storm drains. Messages also include what individuals can do to help reduce/prevent litter. See the Environmental Outreach section C.7.e of this report for more details on these actions.
- The City is developing a “tarp your load” ordinance by revising the Sunnyvale Municipal Code, Chapter 8.16 to require trucks, vehicles and trailers bringing wastes to the SMaRT Station materials recovery facility and transfer station to have their loads contained and covered. The ordinance will include a fee for uncovered loads and will require them to purchase a tarp for use in the future.
- In July 2010, the City increased its level of service for street sweeping from one time per month in residential and commercial areas to twice per month. This task will continue to be budgeted in the FY 11-12 operating budget for Public Works.
- The Murphy Street, special business district and surrounding city-owned parking lots are swept three times per week. Additionally, City staff picks up litter from this district three times per week. In late 2010, a Tenant Scrubber was purchased to clean sidewalks in the district, with the areas being washed once per month. Wash water collected from the Scrubber is then discharged to the sanitary sewer.
- The City will continue to participate and sponsor at least one site for both the National River Clean-Up Day (spring) and Coastal Clean-Up Day (fall) for volunteers to clean up litter from local waterways. Sites have been sponsored for these activities since 2008 and the areas identified for clean up have expanded, based on the volunteers available. See C.10.d for a description of this year’s results.
- Annual Trash hot spot debris removal and quantification at five locations will continue by City staff. New hot spots may be identified if trash quantities removed at some current sites continue to be low.
- Stormwater Conveyance System – All storm drain inlets are inspected annually and any trash/debris observed in the base of the catch basin is removed by crews and properly disposed of. Cleaning begins in the summer months (August) and goes until all SDIs have been inspected, by the beginning of the rainy season (October). This activity will continue. We will be working with staff to record quantities of litter collected inlets retrofitted with trash full-capture devices.

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

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

Description:

See the C.10 Trash Load Reduction section of Program’s FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

In addition, Sunnyvale has participated in the collection and analysis of debris from storm drain inlets that have been retrofitted with trash full-capture devices starting in FY 08-09. This year, we provided collected debris to the BASMAA contractor doing the analysis on selected sites in FY 10-11. The City will continue with the collection of debris from retrofitted inlets in FY 11-12, as requested by SCVURPPP/BASMAA from the specific land use areas identified as part of the region-wide Baseline Trash Load assessment plan.

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

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

Description:

See the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

Sunnyvale is participating in the SFEP/ABAG pilot trash retrofit program. City Council approved the submittal of the grant application in December 2010, and the City was notified that approximately \$113,503 has been made available to purchase full-trash capture devices under this program. Staff began identifying and measuring Storm Drain Inlets (SDIs) in February 2011 to identify those suitable for retrofit with the SDI insert full-capture devices approved by the Water Board. To date, 64 inlets have been identified for retrofit with Storm Tek devices from Advanced Solutions. Of those selected, 43 will also be retrofit with retractable hinge screens from West Coast Storm, to help prevent leaves from filling up the inlets, due to their smaller internal sizes (24" – 36" depth). Installation of the Storm Tek devices is scheduled for August 2011.

It was observed in the pilot study with SCVURPPP that smaller SDIs had problems in filling up with leaves, and causing roadway flooding during storm events. By installing retractable screens in the fall of 2010 on those units for which problems had been noted in previous years, staff found that flooding during storm events was reduced during the winter of 2010-2011. The retractable screens helped keep leaves on the street so they could be picked up by street sweeping activities. Installation of the retractable screens on the units that have been retrofit with Storm Tek full-trash capture devices will occur before the rainy season in 2011.

Ten of the 64 inlets to be retrofit during the summer of 2011 with trash full-capture devices will not be retrofit with the retractable hinge screens this year. These units will be used to help collect data for BASMAA/SCVURPPP on trash generation rates for specific land uses that will assist in the development of baseline trash generation numbers on a bay-wide basis for specific land use types. These SDIs will be retrofit with retractable screens after data collection for this project is complete.

Depending on vendor schedules, it is anticipated that the installation of the 64 full-capture units and the 43 retractable hinge

screens will be completed before the wet season begins in 2011. Staff will be working with the vendors over the next months to verify installation. Also, staff began assessing of the drainage area for each SDI that has been retrofit to identify the total area that is being treated with full-capture trash control devices within the City. Additional full capture units may need to be purchased to meet the treatment area for Sunnyvale established in Attachment J of the MRP.

The consulting firm of Schaaf & Wheeler, has been hired by the City to prepare a study (due in the fall of 2011) to identify upgrades and refurbish the City’s Stormwater Pump Station #2. As a part of this review, recommendations were requested to assess the possibility of retrofitting the pump station with a full-trash capture device that would meet MRP requirements. If determined to be feasible, the installation of a trash full-capture device would be included as a part of the capital project for the pump station upgrade. This may help the City meet any future requirements for meeting areas to be retrofitted with full trash capture devices.

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

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible.

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

“Hot spot Assessments” conducted in 2010 and 2011 are reported below. Those conducted in 2010 were reported previously in the FY 09-10 Annual Report, but were included here for reference.

Trash Hot Spot	Cleanup Date	Volume of Material Removed (Cubic Yards)	Dominant Type of Trash	Trash Sources <small>(where possible)</small>
FY 2009-2010				
SNV02	5/13/2010	0.187	Styrofoam, Bottles (plastic or glass), Convenience/Fast Food items, Plastic Bags, Spray paint cans	Trash accumulation, Litter
SNV01	5/18/2010	0.896	Bottles (plastic or glass), Styrofoam, Sports balls, Other, Aluminum cans, Wood Debris, Tires	Trash accumulation, Litter
SNV03	5/18/2010	0.820	Styrofoam, Sports balls, Bottles (plastic or glass), Other, Wood Debris,	Trash accumulation, Litter

SNV04	5/18/2010	0.522	Other, Bottles (plastic or glass), Styrofoam, Sports balls, Aluminum cans, Other, Wood Debris	Trash accumulation, Litter
SNV05	5/19/2010	0.374	Styrofoam, Bottles (plastic or glass), Sports balls, Spray paint cans, Other, Wood Debris	Trash accumulation
FY 2010-2011				
SNV02	5/17/2011	0.636	Styrofoam, Convenience/Fast Food items, Plastic Bags, Paper and cardboard, Bottles (plastic or glass), Wood Debris	Trash accumulation, Litter
SNV03	5/17/2011	0.198	Bottles (plastic or glass), Styrofoam, Other, Sports balls, Paper and cardboard, Wood Debris, Scrap metal	Trash accumulation, Litter
SNV04	5/17/2011	0.112	Styrofoam, Bottles (plastic or glass), Other, Sports balls, Wood Debris	Trash accumulation, Litter
SNV05	5/17/2011	0.242	Styrofoam, Bottles (plastic or glass), Sports balls, Aluminum cans, Convenience/Fast Food items	Trash accumulation, Litter
SNV01	5/19/2011	0.448	Styrofoam, Bottles (plastic or glass), Other, Sports balls, Spray paint cans, Wood Debris	Trash accumulation, Litter
Total		4.437		

Note: “Other” type of trash listed in Dominant Type of Trash column is shot gun shell casings and wadding from waterfowl hunting activity along the Guadalupe Slough.

C.10.d Summary of Trash Load Reduction Actions

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

Suggested trash load reduction actions to track and report may include:

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

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Increased frequency of street sweeping	July 1, 2010	Prior to 7/1/2010, frequency was 1 time per month, increased now to 2 times/month citywide	See Footnote 1*	Not analyzed this year. Types of trash will be identified as part of Trash Load Reduction Tracking Method.
Coastal Clean Up Day, 2010 (Guadalupe Slough)	September 2008	Not required before MRP.	~410 lbs litter (~2 cubic yards)	Plastic bottles, Styrofoam, shot-gun shells, other plastic materials,
Great American litter Pick Up, 2011 (3 neighborhoods around Fair Oaks Park, Columbia Middle School, & Raynor Park)	April 2008	Not required before MRP.	~2.6 cubic yards	Plastic bottles & cups, glass bottles, paper, plastic debris
National River Clean Up Day, 2011 (Sunnyvale East Channel, San Tomas Aquino, and Calabazas Creek)	May 2008	Not required before MRP.	~1146 lbs litter (~4 cubic yards)	Styrofoam, plastic bottles, other plastic debris, glass bottles & metal cans

Trash Hot Spot Clean Ups	May 2010	Not required before MRP	<u>2010</u> - 2.799 cubic yards <u>2011</u> - 1.638 cubic yards	Styrofoam, Plastic & glass bottles, lumber debris, shot gun shells, sports balls
Community Kidz Camp – Litter Walk and Pick-Up	April 2011	Not required before MRP.	52 gallons	Cigarette butts, plastic cups, bottles, aluminum cans, paper
Education and Outreach Efforts – Classroom presentations	September 2009	Not required before MRP. Increased emphasis on litter prevention since MRP adoption.	See Footnote 1*	Not available
Education and Outreach Efforts – community presentations	September 2009	Not required before MRP. Increased emphasis on litter prevention since MRP adoption.	See Footnote 1*	Not available
Homeless encampment removal – JW Christian Greenbelt area (part of Great American Litter Pick Up event this year)	April 2010	Not required before MRP.	8.5 cubic yards	Furniture, cardboard, carpet, cans and bottles
Ordinance revision – tarping requirements for vehicles/trailers bringing wastes to the SMaRT Station	Under development	Not required before MRP.	See Footnote 1*	Not available
Ordinance development – single use plastic bag ban	Under development	Not required before MRP.	See Footnote 1*	Single use plastic bags
Storm drain retrofits with trash full-capture devices (13 inlets installed, 64 planned for installation in 2011)	February 2008	Not required before MRP.	See Footnote 1*	Not available – under development with BASMAA and will be based on nearby land uses.
Inspection and maintenance – storm drain collection system and outfalls	August – November	Ongoing. Has been fully implemented for	Data on debris amounts (both	Types of trash have not been categorized other

	2009	over 15 years, but debris quantity removed has not always been tracked.	leaves & trash) removed during annual inspections are tracked on inspection forms, but not recorded in a database yet. Inspections and cleaning done on an emergency basis generally do not record loads removed. Unknown at this time – See Footnote 1*	than from SDIs that were retrofitted with full-trash capture devices. It can be assumed that trash types will be similar to what is found in retrofitted SDIs, based on nearby land uses.
Storm drain signage/markings	August 2009	Fully implemented in FY 09-10, medallions are replaced as needed during SDI annual inspections.	Unknown See Footnote 1*	Not Available
Free trash drop-off days Support of County HHW program Litter pick-up by City crews along boulevards and in parks Solid waste recycling efforts Trash removal from receptacles	Ongoing	All of these actions have been implemented by the City for over 15 years. They will continue to be a part of city actions to control and reduce litter.	Unknown See Footnote 1*	Not Available

***Footnote 1 for this table:** “Trash loads removed” were not tracked for all trash load reduction actions 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 or a percentage amount will be credited, based on the level of effort of implementation. See the Program’s FY10-11 Annual Report for Provision C.10 for a schedule.

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ► Mercury Recycling Efforts

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

See the Provision C.11 section of the FY 10-11 SCVURPPP Annual Report for a list of mercury collection and recycling efforts conducted countywide and regionally.

In addition, Sunnyvale completed the following actions:

- **Held a Thermometer Exchange Event in September 2010 at the Senior Center. A total of 40 mercury thermometers were collected and sent to County HHW for disposal**
- **Provided outreach to residents on proper mercury-containing product disposal via: Monthly events (March – November) at the Farmer's Market; Articles; Utility Bill inserts; Flyers; Department and Division websites, Health & Safety Fairs, and other outreach events. See Appendices 7-1, 7-2, and 7-3 for complete details of outreach activities promoting mercury-containing product recycling**
- **Sunnyvale also collected the following mercury-containing products at the SMaRT Station, materials recovery facility from residents of the cities of Sunnyvale, Mountain View, and Palo Alto:**
 - **Mercury containing items: 48 lbs**
 - **4'tubes: 10,808**
 - **8' tubes: 968**
 - **Compact, circular, and u-tube lamps: 9,126**
 - **HID/Arc lamps: 179**
 - **UV lamps: 33**
- **Sunnyvale continues financial support of the Santa Clara County Household Hazardous Waste collection program through the Solid Waste Division. Data on quantities of mercury containing products collected by the County HHW program are provided to SCVURPPP for reporting on a county-wide basis.**
- **Sunnyvale continues to collect and recycle mercury-containing products generated by city-owned facilities and operations (e.g., fluorescent/HID lamps, mercury switches)**

C.11.a.ii ► Mercury Collection

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

Amount collected:

Not all mercury and PCB load reduction actions were tracked using “loads removed” methods this fiscal year. In the Program’s FY 09-10 Annual Report and/or the BASMAA Regional POC Report, an initial Mercury and PCB Load Reduction Tracking Method was presented (see Provision C.11.g). Based on Water Board staff comments, a revised method will be presented in the Program’s FY 10-11 Annual Report and/or the BASMAA Regional POC Report. Based on this methodology, loads removed via the collection/recycling of mercury-containing products will be documented beginning in FY 11-12.

C.11.b ► Monitor Methylmercury

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

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

C.11.e ► Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit

C.11.f ► Diversion of Dry Weather and First Flush Flows to POTWs

C.11.g ► Monitor Stormwater Mercury Pollutant Loads and Loads Reduced

C.11.h ► Fate and Transport Study of Mercury In Urban Runoff

C.11.i ► Development of a Risk Reduction Program Implemented Throughout the Region

C.11.j ► Develop Allocation Sharing Scheme with Caltrans

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

Summary

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

Section 12 - Provision C.12 PCBs Controls

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

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

Description:

In FY 09-10, inspector training materials were developed by BASMAA and provided in the FY 09-10 BASMAA Regional POC Report. A description of efforts to train municipal industrial inspectors was provided in FY 09-10 permittee and/or Program Annual Reports.

In the April 2011, Sunnyvale staff reviewed the inspector training materials provided by BASMAA and revised/updated the Power-Point presentation. This presentation was then given by Sunnyvale staff at the SCVURPPP sponsored IND/IDDE training for inspectors that was held on May 5, 2011 in Cupertino. A copy of the revised Power Point presentation given at this training is available on the SCVURPPP website.

C.12.a.ii.iii ► Ongoing Training

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

Description:

See the FY 10-11 Program Annual Report for a description of local training provided through the SCVURPPP IND/IDDE Ad Hoc Task Group. All Sunnyvale Pretreatment Program inspectors attended the training held by SCVURPPP on May 5, 2011 in Cupertino. Sunnyvale staff also presented training topics at that event.

- 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 countywide Program and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 10-11 Annual Report and/or the BASMAA Regional POC Report.

Section 13 - Provision C.13 Copper Controls

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

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

x	Yes		No
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If **No**, explain and provide schedule for obtaining authority within 1 year:

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

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

x	Yes		No
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If **No**, explain and provide schedule for obtaining authority within 1 year:

C.13.c ► Vehicle Brake Pads

Reported in a separate regional report.
A summary of the countywide Program’s participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of Program’s FY 10-11 Annual Report and/or the BASMAA Regional POC Report.

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

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

Summary

- **The city has identified facilities likely to use or have sources of copper and has included them in our business inspection plans. The City identified thirteen Industrial Users (IUs) classified under 40CFR 433 as Metal Finishers as potential contributing sources of copper. These IUs will be inspected, at a minimum, annually by the Pretreatment Program. Other Permitted Significant Industrial Users are also inspected annually and include inspection procedures to identify potential copper sources, mainly from roof runoff sources. The potential commercial contributors of copper to the sanitary sewer system include automotive service facilities, building materials, building trades / yards, electronic, laboratory, machine shop, vehicle salvage, metal / other recyclers, printers and food service facilities. These commercial business categories are inspected by the City’s Pretreatment Program inspectors a minimum of once every three years.**

- In FY 10/11, 513 stormwater inspections were conducted at the facilities identified in the above mentioned categories. Any violations were responded to consistent with the City's Enforcement Response Plan.
 - 107 Automotive facilities were inspected.
 - Three Building Materials facilities were inspected.
 - One Building Trades / Yards facility was inspected.
 - One Electronic facility was inspected.
 - 336 Food Service facilities were inspected.
 - 14 Laboratories were inspected.
 - 51 Permitted SIUs were inspected.
- In FY 09-10, inspector training materials were developed through in-kind contributions of SCVURPPP to BASMAA. Training materials can be found in the BASMAA Regional POC Report. In July 2010, and May 2011, inspectors were trained on industrial facilities likely to use copper or have sources of copper and proper BMPs for them.
- The City has educational BMP material available for distribution to the above-listed commercial business identified as potential sources of copper. The materials include information on ensuring proper BMPs are in place to minimize discharge of copper to storm drains, including consideration of roof runoff that might accumulate copper deposits from ventilation systems. The BMP material is distributed as needed during inspections to the above mentioned categories of facilities.

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

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

Summary

A summary of the countywide Program and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program's FY 10-11 Annual Report and/or BASMAA Regional POC Report.

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

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

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

Summary

A summary of the countywide Program and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 10-11 Annual Report and/or BASMAA Regional POC Report.

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

C.15.b.iii.(1), C.15.b.iii.(2) ► Planned and Unplanned Discharges of Potable Water			
Is your agency a water purveyor?			<input checked="" type="checkbox"/> X Yes <input type="checkbox"/> No
If No , skip to C.15.b.vi.(2):			
If Yes , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.			
<p>Comments:</p> <p>Reporting tables for Planned and Unplanned Discharges of Potable Water are included in Appendix 15-1 and 15-2</p> <p>Due to staffing shortages, Water program staff was unable to make measurements to meet 10% of unplanned discharges as outlined in C.15.b.iii (1). (There were 37 unplanned discharges and data were collected for 3 discharges or 8% of discharges that occurred) Many of the unplanned discharges experienced in the City happen during off-hours and are responded to by 24 hour on-call staff whose mission is to (a) protect the health and welfare of residents in the area (b) protect adjacent property from damage and (c) restore service to affected customers as soon as possible. It is exceptionally difficult for one staff person responding “on call” after hours to collect chlorine, turbidity, and pH readings while meeting these priorities. By the time readings could be taken (once priorities a-c above are met), samples may not be representative of the actual water that entered the storm drain collection system. It is a goal for the Water Division FY 11-12 to make sure staff is available to take measurements when unplanned discharges occur during normal business hours. This will help us meet the reporting requirements in the future.</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 10-11 Annual Report.</p> <p>Sunnyvale staff participated in the development and review of the WUDPPP and has incorporated it into the City’s BMPs and SOPs for Water Utility operations. Training was provided for Water Utility staff on the BMPs and SOPs and elements of the WUDPPP in June 2010.</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. Generally the categories are:

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

Summary:

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

- **Sunnyvale does outreach for water conservation, less-toxic pest control and landscape management, promotes the use of drought tolerant and native vegetation and encourages appropriate watering/irrigation practices in various ways:**
 - **Community events/workshops,**
 - **Tabling at the Farmers Market, Health and Safety Fairs,**
 - **Tours of the Water Pollution Control Plant,**
 - **Classroom presentations**
 - **For details, see Appendices 7-2, 7-3 and 7-5.**
- **Sunnyvale promotes conservation and provides information and outreach through:**
 - **Community meetings**
 - **Quarterly newsletters**
 - **Utility bill inserts**
 - **Advertising**
 - **Direct outreach at public and private (e.g., businesses or speaker's bureau) events**
 - **For details, see Appendices 7-2, 7-3 and 7-5.**
- **Sunnyvale has developed multiple web pages dedicated to:**
 - **Environmental outreach (wpcp.inSunnyvale.com)**
 - **Water conservation (WaterConservation.inSunnyvale.com)**
 - **Environmental sustainability (Green.inSunnyvale.com)**
- **In cooperation with the Program, the City promotes outreach efforts to residents and businesses for less-toxic pest control options and appropriate irrigation practices. See the Watershed Watch Campaign in the C.7 Public Information and Outreach section. Also, see the BASMAA IPM Store Partnership Program information and Green Gardener Training programs in the C.9**

Pesticide Toxicity Control Section of the Program's FY 10-11 Annual Report. Sunnyvale-specific outreach information and messages are included described in Appendices 7-1, 7-2, 7-3, and 7-5 of this report.

- See section C.9.h.vi of this report for more detailed information on Sunnyvale's support of the Green Gardener training program and the Integrated Pest Management, water conservation, and irrigation practices that are included in it.
- In April 2010, the City adopted a Water-Efficient Landscape Ordinance to meet the requirements of the State Department of Water Resources (DWR) model ordinance to meet a 20% reduction in water usage. The City's requirement exceeds that of the DWR model by applying requirements to a smaller lot size threshold and placing a limit on turf areas (not to exceed 25% of non-turf areas) or requiring implementation of a water-budget approach to design landscapes. See Chapter 19.12 of the Sunnyvale Municipal Code for the complete ordinance. The ordinance promotes the use of drought-tolerant vegetation, of which many varieties are natives. The City continued with the implementation of these requirements in FY 10-11.
- Sunnyvale actively participates promotes and provides outreach to residents and businesses through water conservation programs and rebates administered by the Santa Clara Valley Water District. Programs include:
 - Landscape Rebates- Eligibility requirements include lawn replacement with California native and drought tolerant landscaping.
 - Irrigation Equipment Upgrade Rebates- Eligibility requirements include the requirement to install low water using equipment and pressure compensating and check valves.
- Sunnyvale has partnered with the Bay Area Water Supply and Conservation Agency (BAWSCA) for over three years to provide a landscape education series that focus on:
 - Drought tolerant and low water use plants
 - Turf replacement
 - Efficient irrigation technologies
 - California native plants
 - Natural and less toxic pest control

During FY 2010-11 Sunnyvale hosted 12 classes. At each class, informational handouts are provided including many BASMAA materials such as the various "Less Toxic Pest Management" fact sheets and less toxic products pocket guides. In order to encourage appropriate water and irrigation practices a quarterly report article was published reminding residents to reduce or turn off irrigation during the wet winter season.
- The Pretreatment Program responds to complaints regarding large volume landscape irrigation runoff as part of our Illicit Discharge Response Plan and associated Enforcement Response Plan. In FY 10/11, two calls were responded to and required capital investments and corrections regarding broken water / irrigation lines. Our IDDE Response Plan contains procedures to follow regarding investigation and follow up / enforcement for large scale irrigation runoff, in particular, when the runoff contains sediment, or is causing erosion, enforcement is warranted. I

C.15 – Exempted and Conditionally Exempted Discharges

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System ⁴⁰														
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) ⁴¹	pH (standard units) ⁵²	Discharge Turbidity (Visual) ⁵²	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁴²	Inspector arrival time	Responding crew arrival time
See Appendix 15-2 for Data Tables														

⁴⁰ This table contains all of the unplanned discharges that occurred in this FY.

⁴¹ Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.

⁴² Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

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Attachment C

Appendices

ATTACHMENT C

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Section 4
Provision C.4 Industrial and Commercial Site Controls

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

Sunnyvale Commercial Database: List of Facilities for Inspection Plan

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

CompanyName	Address1	Address2
888 Auto Corporation	710	El Camino Real E.
A & H AUTO WRECKER	295	Commercial Street
A & J Product Solutions	1245	Birchwood Ave.
A.G. Ferrari Foods	304	El Camino Real West
A-1 Performance	771	Mathilda Avenue North
AAA Speedy Smog	135	Wolfe Road N.
AAMCO Transmission #25037	968	Evelyn Avenue West
Acellent Technologies	835	Stewart Dr.
Acta Pharmacal Co.	380	Pastoria Avenue North
Action Computer & Surplus	520	520 N Lawrence Expy
Active Auto Body	1281	Forgewood Dr.
Adamsons Wood Fired Oven French Dip	806	W El Camino
Advanced Auto Repair	912	Evelyn Avenue West
Advanced Micro Devices	1	AMD Place
Advanced Micro Devices (FASL, LLC.) Cafeteria	991	Stewart Drive
ADVANCED PHOTO CIRCUITS	1270	Lawrence Station Rd.
Aeroflex / Metelics	975	Stewart Drive
AFGHANI HOUSE RESTAURANT	1103	El Camino Real E.
Agape Grill	845	Stewart
Aixtron Genus, Inc.	1139	Karlstad Dr.
AL-CON AUTOMOTIVE	279	Fair Oaks Dr. N.
ALLEGRIA	233	Weddell Drive
Allvia, Inc.	657	Pastoria Avenue North
Allvia, Inc.	655	Pastoria Avenue North
Alphagraphics	1294	Anvilwood Avenue
American Diner	415	East El Camino Real
American European Auto Clinic	105	Maude Avenue East
AMERICAN PEPTIDE	777	Evelyn Avenue E.
Anchor Auto Body and Frame	1028	Evelyn Avenue West
Andhra Bhavan Indian Cuisine	151	El Camino Read E.
Angela's Dry Cleaning	110	Fremont Avenue E.
Annapoorna	573	East El Camino Real
Annapurna Snacks	1112	Elko Dr.
Applied Chemical Laboratories, Inc.	526	Almanor Avenue
Applied Materials, Inc.	974	Arques Avenue East
Applied Materials, Inc. Arques Café	974	Arques Avenue East
Aptus Endosystems	777	Pastoria Avenue North
AQT Solar, Inc.	1145	Sonora Court
ARA AUTOMATED FINISHING	1286	Anvilwood Avenue
Arby's	601	Bernardo Avenue S.
ARCO AM/PM SILICON MINIMART	860	Fremont Avenue W.

CompanyName	Address1	Address2
Ariake Sushi Boat	759	El Camino Real E.
ARK Diagnostics	1190	Bordeaux
ARMADILLO WILLY'S BBQ	161	El Camino Real E.
Armenian Gourmet	929	Duane Avenue E.
ARMSTRONG TECHNOLOGY INC	1271	Anvilwood Avenue
ARROYO ANIMAL CLINIC	1211	Sycamore Tree
Art Institute of California - Sunnyvale	1120	Kifer Road
Art Stange Foreign & Domestic Car Service	822	Evelyn Avenue West
Artificial Muscle, Inc.	749	Mary Avenue North
ARTIST WORKSHOP	627	Taylor Ave. E.
ARVI MANUFACTURING CO	1256	Birchwood Dr.
Asia Village Restaurant	747	Wolfe Road S.
AT & T West Corp Yard	1188	Evelyn Avenue West
Athidhi Indian Cuisine	727	Wolfe Road S.
Auto Champs	771	Mathilda Avenue North
Auto Collision Experts	908	Arques Ave.
AUTO TECHNICA	665	El Camino Real E.
Avantec Vascular	605	West California
Avion Research Company	265	Sobrante Way
B2 Perfection Body Shop	150	Wolfe Road
Back Care Specialists	505	Pastoria Avenue South
Bagel Place Café	546	Lawrence Expwy
Bagel Street Café	348	Maude Avenue West
Baja Fresh Mexican Grill #288	701	Sunnyvale Avenue
BARN THAI	921	Duane Avenue E.
BARNES, WM G & SON COMPANY	1146	Sonora Ct.
Bavarian Enterprises	205	Washington Avenue E.
Bay Area Geotechnical Group (BAGG)	847	Maude Avenue West
Bay Leaf	122	Sunnyvale Avenue S.
BAY MICROFILM (BMI)	1115	Arques Avenue E.
Bay Sushi Japanese Restaurant	1647	Hollenbeck Road
Bayer Healthcare (Diabetes Div.)	510	Oakmead Parkway
Bayshore 76- Fair Oaks Auto Repair	801	Fair Oaks Avenue N.
BAYSHORE FENCE CO INC	933	Kifer Road
BEAN SCENE GOURMET COFFEE & TEA, THE	186	Murphy Ave. S.
BELL PLAZA CHIROPRACTIC	1052	El Camino Real E.
Bella's Bar & Grill	1111	Elko Dr.
Berkeley Farms	1276	Reamwood
Beryl's Place	1250	Oakmead Parkway
BEST COPY PRINTING	1260	Persian Dr.
BETTER BENTO	550	Lakeside Drive
BETTY BRITE CLEANERS	631	Grape Ave.
Bhavika's Food-to-Go	1053	El Camino Real E.
BIKE WORLD	953	El Camino Real W.
Black Angus	740	El Camino Real E.
Blue 29	615	Palomar Avenue
Blue Bonnet Sports Bar	208	Fair Oaks Avenue S.

CompanyName	Address1	Address2
BMB MOTORS	1297	El Camino Real W.
BOB'S AUTO SUPPLY	124	Carroll Street
BOB'S MACHINE SHOP	1181	Tasman Dr.
Bogarts	1209	Wildwood Avenue
Bon Chon	572	El Camino Real E.
Borders Books #473	316	El Camino Real West
BORG TECHNICAL SERVICES	1240	Mt. View-Alviso Rd.
Brass Rail	160	Persian Drive
BREAD BASKET DELI	135	Wolfe Road N.
BridgeLux	1231	Bourdeaux Dr.
BRITISH & EUROPEAN	683	El Camino Real E.
Bubble Wash	696	El Camino Real West
BUGFORMANCE	944	El Camino Real W.
Burger King #10957	773	Mathilda Avenue North
Cabritos Mexican Bistro	685	El Camino Real E.
Café Dolce	415	Mary Avenue North
CAFE MELANGE	1200	Crossman Avenue
CaliSolar	985	Almanor Avenue
CALSTONE COMPANY	1155	Aster Avenue
Cal-West Specialty Coatings	1058	Evelyn Avenue West
CAM HUNG	903	Reed Avenue
Cameron Veterinary Hospital	1285	Mary Ave.
Carl's Jr.	1220	Oakmead Parkway
Carl's Jr.	1195	El Camino Real W.
Carl's Jr.	1051	El Camino Real E.
CARRIAGE CLEANERS	115	Fremont Avenue E.
Casa Lupe	691	Bernardo Avenue S.
Cedar Crest Nursing and Rehabilitation Center	797	Fremont Avenue E.
Chaat House	939	El Camino Real W.
Chaat House	889	El Camino Real E.
Chavez Supermarket	666	Fair Oaks Ave.
Cheetahs Gentlemen's Club	907	E. Arques Ave
Chef Young's Restaurant	494	Mathilda Avenue North
Chef Yu	163	Murphy Ave. S.
CHELOKABABI	1236	Wolfe Road S.
CHERRY CHASE PET HOSPITAL	1297	El Camino Real W.
CHEVRON	1265	Lawrence Station Road
Chevron, The Car Spa, Inc.	1097	Duane Ave. E.
Chipolte's #279	324	El Camino Real West
Chiropractic Care	520	Lawrence Expy.
Chiropractic Way	1633	Hollenbeck Road
Citala Us. Inc	1281	Reamwood
City of Sunnyvale Corporation Yard	221	Commercial Street
City of Sunnyvale Golf Course Cart Maintenance	605	Macara Avenue
City of Sunnyvale Golf Course Maintenance Facility	1003	Maude Avenue West
City of Sunnyvale Golf Course Snack Shack	605	Macara Avenue
City of Sunnyvale Landfill	600	Caribbean Drive

CompanyName	Address1	Address2
City of Sunnyvale Municipal Tennis Center	755	Mathilda Avenue South
Clarita's Filipino Cuisine	905	Duane Avenue E.
Clean Cell	1170	Sonora Court
Club La Ronda	927	Duane Ave. East
Clubouse Café	1010	Wolfe Road S.
Coco's Family Restaurant	1209	Oakmead Parkway
COFFEE & MORE	100	Murphy Ave. S.
Coherent	1220	Midas Way
COLD STONE CREAMERY	757	El Camino Real E.
COLLISION AUTO REPAIR	277	Fair Oaks Ave. N.
Columbia Middle School	739	Morse Avenue
Columbia Middle School	739	Morse Avenue
Complete Genomics	750	Pastoria Avenue North
CONTINENTAL MOTOR WORKS	665	El Camino Real E.
COPY	711	Evelyn Ave. E.
COSTCO	150	Lawrence Station Road
COUNTRY GOURMET	1314	Mary Avenue S.
Country Inn and Suites	1300	Chesapeake Terrace
Crazy Buffet	830	East El Camino Real
CVS/Pharmacy	576	El Camino Real E.
CYTYC Corp.	1240	Elko Dr.
Daily Donuts	110	Sunnyvale Ave. S
Daily Donuts & Sandwiches	505	Pastoria Avenue South
Daily Donuts and Bagels	708	Caliente Dr.
DAINIPPON SCREEN ENG (DNS)	820	Kifer Rd.
Dairy Belle Freeze #17	1323	Sunnyvale-Saratoga Road
Da-Les Auto Body	728	San Aleso Avenue
Daniel's B&M Cars	848	Evelyn Avenue West
Dannicks Auto Care	135	Wolfe Road. N.
Daphne's Greek Café #1073	144	El Camino Real West
Dastgah Firestone	135	Wolfe Road
DE ANZA SQUARE CLEANERS	1358	Mary Ave. S.
DEL MONTE RESTAURANT	100	Murphy Ave. S.
DELIGHT CLEANERS	1281	El Camino Real W.
Denny's Restaurant #7217	311	Mathilda Avenue South
Denny's Restaurant #7218	814	Ahwanee Avenue
DHL WORLDWIDE EXPRESS	1383	Borregas Ave.
Diagnostics for the Real World, Ltd.	840	Del Rey Avenue
DIAGNOSTICS UNLIMITED	135	Wolfe Road N.
Dionex Corporation Building 1	1228	Titan Way
Dionex Corporation Building 2	445	Lakeside Drive
Dionex Corporation Building 5	527	Lakeside Drive
Dionex Corporation Building 5 Cafeteria	527	Lakeside Drive
Dish Dash	190	Murphy Avenue S.
Dish n Dash	736	Mathilda Avenue North
Domain Hotel	1085	El Camino Real
Domino's Pizza	615	Caliente Drive

CompanyName	Address1	Address2
Domino's Pizza	992	El Camino Real W.
Don and Jon's Automotive	1080	El Camino Real E.
Dough Daddy Bakery	907	Duane Ave.
Dryclean Best	605	El Camino Real E.
Dusita Thai	1028	El Camino Real
E&C Auto Depot / World Muffler	966	El Camino Real E.
ebr Systems	686	Maude Avenue West
ECONOMY AUTO REPAIR	1170	Willow Ave.
ECR Laboratory, Inc.	265	Sobrante Way
EL CAMINITO MEXICAN RESTAURANT	510	El Camino Real E.
El Cerrito Taqueria	120	Persian Drive
EL POLLO LOCO	996	El Camino Real W.
ELC VETERINARY CLINIC	832	Fremont Ave. E.
Elephant Express	302	Fair Oaks Ave. N.
Enterprise Rent-A-Car #2302	680	El Camino Real West
Enterprise Rental Cars	815	El Camino Real E.
Epicor	240	Santa Ana Court
ERIK'S DELI/CAFE	717	El Camino Real E.
EUROPEAN AUTO REPAIR & SERVICE	1170	Willow Ave.
European Auto Works	629	Mathilda Avenue North
EUROPEAN CAR REPAIR & SVC	275	Fair Oaks Drive N.
Events of Excellence Catering/Café	745	Wolfe Road S.
EXCEL CLEANERS	1082	El Camino Real E.
Excelics Semiconductor	310	DeGuigne
EXPRESS CLEANERS	510	Lawrence Expy.
EZ SMOG	1170	Willow Ave.
F & M AUTO	975	El Camino Real W.
F&S Autobody	675	El Camino Real E.
FAIR OAKS 76 - Bestech	603	Old San Francisco Road
Fair Oaks Chevron (gas & car wash)	296	Fair Oaks Avenue
Falafel Bite	1500	Lawrence Expwy
Famous Food Restaurant	872	Old San Francisco Road
Faultline Brewing Company	1235	Oakmead Parkway
FAZ RESTAURANT & BAR	1108	Mathilda Avenue N.
FEDERAL EXPRESS	1286	Lawrence Station Road
Fender's Collision Center	912	Evelyn Avenue West
FERRIS CHIROPRACTIC OFFICE	519	Murphy Ave. S.
FIBBAR MAGEE'S	156	Murphy Ave. S.
Fire House Grill and Brewery	111	South Murphy Avenue
Firestone Tire and Service Center	922	El Camino W.
First Auto Services	205	Wahington Ave. E
FIRST PLACE	830	Evelyn Ave. E.
Fith Avenue \$1.75 Cleaners	251	S. Mary Ave
FOUR D METAL FINISHING, INC.	620	Taylor Avenue East
Fremont High School Automotive Classroom	1279	Sunnyvale-Saratoga Road
Fremont High School Cafeteria	1279	Sunnyvale-Saratoga Road
Fremont High School Science Building	1279	Sunnyvale-Saratoga Road

CompanyName	Address1	Address2
Fremont Shell Gas Station	1300	Sunnyvale-Saratoga Road
Fremont Unified High School District	589	Fremont Avenue West
FRESH CHOICE	1105	El Camino Real W.
Fresh U Order Bagels - Bakery Café	500	Lawrence
Fujitsu	1240	Arques Avenue E.
Full Moon Biosystems	845	Maude Avenue West
Full Moon Biosystems	754	Pastoria Avenue North
GARCIA'S TAQUERIA	738	Fair Oaks Ave. S.
GE Healthcare	928	Arques Avenue East
George's Fuel & Auto Repair	996	Evelyn Avenue West
German Motor Specialist	380	San Aleso Avenue
Ginger Café	398	El Camino West
Giovanni's Pizzeria	1127	Lawrence Expressway
Gobi Mongolian BBQ	1135	Tasman Dr.
Godinez Tires	283	Fair Oaks Avenue N.
Golden West Collision Centers	970	Evelyn Avenue West
GOLFLAND USA	855	El Camino Real E.
Gombeï Bento	511	Borragas Avenue
Grand Hotel	865	El Camino Real W.
Great Vegi Land	562	Murphy S.
Griffin Upholstery	1062	El Camino Real E.
Guadalajara Market	827	Borragas Avenue
GUMBA'S ITALIAN RESTAURANT	176	Murphy Avenue S.
H. Butler's BBQ	568	El Camino Real E.
HACIENDA CLEANERS	793	El Camino Real E.
Hanamaru	675	Bernardo Avenue S.
Hank Auto Repair	771	Mathilda Avenue North
HANKOOK Super Deli	1092	El Camino Real E.
Happy Café	542	Lakeside Dr.
Hard Roc Concrete	691	Mathilda Avenue North
HARDY'S BAVARIA	111	Evelyn Avenue W.
HCR Manor Care	1150	Tilton Drive
HENDY AUTO REPAIR	111	Sunnyvale Avenue N.
Hertz Local Edition	510	El Camino Real E
HISTORIC DEL MONTE BUILDING	100	Murphy Ave. S.
Hobee's California Restaurants #7	800	Ahwanee Avenue
HOFFMAN MACHINING	1010	Morse Ave.
Holiday Cleaners	1111	El Camino Real
HOME DEPOT	680	Kifer Rd.
HONDA PENINSULA	1289	El Camino Real W.
Hondacraft	906	Evelyn Avenue West
Honeyberry's	1661	Hollenbeck Road
Honeywell	1349	Moffett Park Drive
Honeywell International	1349	Moffett Park Drive
Hot Breads	464	El Camino Real E.
House of Bagels	1681	Hollenbeck Road
House of Kabobs	161	South Murphy Street

CompanyName	Address1	Address2
House of Pho	1066	E. El Camino Real
HP Palm SV 01 Cafeteria	950	Maude Avenue West
HU, DR. HANK	749	Fremont Ave. W.
Hybrid Commercial Printing	1010	W. El Camino Real
I Do Smog	771	Mathilda Avenue North
I Love Pizza	109	Fremont Avenue E.
I.N.S. Photo Studio	605	El Camino Real E.
iBagels	266	E. Java Dr.
IDEXX VETERINARY	1245	Reamwood Ave.
iL Postale	127	Washington Street W.
Import Auto Care	1170	Willow Ave.
Indus Auto	1062	El Camino Real E.
INFINERA	1322	Bordeaux Drive
Inko International Corporation	716	Pastoria Avenue North
Inko International Corporation	695	Vaqueros Avenue
IN-N-OUT BURGER	604	El Camino Real E.
Innovalight, Inc.	965	Arques Avenue East
Integrated Materials, Inc.	1169	Borregas Avenue
Intermedia Productions	1190	Miraloma Way
Intuity Medical	350	Potrero Avenue
IT Renew	1235	Elko Dr.
J & L Auto Repair	1038	Evelyn Avenue West
J PHOTO CENTER	1018	El Camino Real E.
J S MOTORS	1164	Willow Ave.
Jack in the Box	813	El Camino Real W.
JAKE'S OF SUNNYVALE	174	Fremont Ave. E.
JAMBA JUICE	797	El Camino Real E.
Jamba Juice #391	415	Mary Avenue North
JANG TU SOONDAE RESTAURANT	1012	El Camino Real E.
JAPANESE BEETLE	928	El Camino Real E.
Java Cleaners	256	Java
Java Sushi	262	Java Drive
JC AUTO REPAIR	1062	El Camino Real E.
JIFFY LUBE #295	999	El Camino Real W.
JOHN LINCOLN CO	172	Commercial St.
JSR Micro, Inc.	1260	Mathilda Ave. N.
Juniper Networks	1184	Mathilda Avenue N.
Just Tires	1297	El Camino Real W.
Kabob Afghan and Persian Cuisine	604	S. Mary Ave.
Kabul	833	El Camino Real W.
Kaloci & Son	810	Evelyn Avenue West
Kals's Bar-B-Q	425	Mathilda Avenue North
Kaluah Kennels	689	Mathilda Avenue North
Katana	411	East El Camino Real
KENTUCKY FRIED CHICKEN	1065	El Camino Real E.
Kentucky Fried Chicken #159	340	Maude Avenue West
Kentucky Fried Chicken & Taco Bell	1695	Hollenbeck Road

CompanyName	Address1	Address2
King Wah	219	Washington Ave. E.
KING'S SEAFOOD CENTER INC	425	El Camino Real E.
KOMALA VILAS RESTAURANT	1020	El Camino Real E.
Kuehne Construction	933	Kifer Road
Kuykendall's Auto Body & Frame	1024	Evelyn Avenue West
La Miche	1107	El Camino Real W.
Lake Vista Liquor	1123	N. Lawrence
LAKEWOOD SHELL	1101	Lawrence Expy. N.
LANSER, WENDY	990	Fremont Ave. W.
LARRY HOPKINS HONDA	1048	El Camino Real W.
Las Islitas Taqueria	848	East Evelyn Avenue
Las Palmas Grill - City Kabob	755	Mathilda Avenue South
LAWRENCE 76	295	Lawrence Expressway
Lawrence Hooper, MD Inc.	500	East Remington
Le Boulanger	305	Mathilda Avenue North
Lee's Sandwiches	939	W. El Camino
LEFCO INC	698	Taylor Ave. E.
LensVector, Inc	675	Palomar Avenue
Le's Auto Repair	912	Evelyn Avenue West
Lilly Mac's	187	S. Murphy Av
Lin-Zhi International	687	Pastoria Avenue North
Lion & Compass	1023	Fair Oaks Avenue N.
Little Caesar's Pizza #5044	1039	Sunnyvale-Saratoga Road
Little Michoacan	305	North Fair Oaks Avenue
LMMS	1111	Lockheed Martin Way
LMMS GES	1111	Lockheed Martin Way
Lockheed Martin Corp.Groundwater Extraction	1235	Elko Dr.
LONGHORN CHARCOAL PIT	102	Fremont Avenue E.
Long's Drugs #9198	1675	Hollenbeck Road
Lookout Inn Restaurant, Inc.	605	Macara Avenue
LOZANO AUTO SERVICE	934	El Camino Real W.
LOZANO'S CAR WASH	610	Grape Avenue
LUCKY DHABA	1034	El Camino Real E.
Lucky Foods (Save Mart #780)	484	Mathilda Avenue North
Lucky Shots Billards	189	Murphy Ave. S.
MAACO Auto Body	1042	Evelyn Avenue West
Made in Japan/Made in USA	169	Commercial Street
Madhuban Indian Cuisine	544	Lawrence Expressway
MADRAS CAFÉ, INC.	1177	El Camino Real W.
Madura Veg Indian Cuisine	1635	Hollenbeck Avenue
MAGIC WOK	734	Wolfe Road S.
Manufacturing & Engineering Consulting Service	265	Sobrante Way
Marchetti's (Rick) Auto Service	1026	Evelyn Avenue West
MARIE CALLENDER'S	751	El Camino Real E.
MARK MORRIS TIRE SERVICE	922	El Camino Real W.
Marty's Donut Shop	350	Maude Avenue West
Mathilda Valero #7669 Auto Service	498	Mathilda Avenue North

CompanyName	Address1	Address2
Maxim	433	Mathilda Avenue N.
Maxim Integrated Products, Inc.	929	E. Arques
Mc DONALD'S	550	Lawrence Expressway
Mc Donald's #6867	615	Mathilda Avenue North
McDonald's	1169	El Camino Real W.
McDONALD'S RESTAURANT	556	El Camino Real E.
MDS Analytical Technologies	1312	Crossman
MedDev Corporation	730	Pastoria Avenue North
Medina's Kitchen	911	E. Duane
Medtronic	480	Java Dr.
Mee's Cleaners	1607	Hollenbeck Road
Meggitt (Endevco MEMS)	355	Pastoria Avenue N.
Mellow's Nursery	221	Mathilda Avenue North
MERCADO LA TORRE INC	614	Evelyn Ave. E.
Merit Vegetarian	548	Lawrence Expressway
MiaSole	435	Oakmead Parkway
MID Auto Service	1155	Willow Ave.
Miholovich Concrete Construction Co., Inc.	840	Muender Avenue
Minerva Café and Indian Restaurant	415	Mary Avenue North
Mission City Café	510	Lawrence Exp
MOHAWK LABORATORIES DIV OF NCH CORP	932	Kifer Rd.
MOLECULAR DEVICES, INC.	1311	Orleans Drive
Molecular Medicine Research Institute (MMRI)	525	Del Ray Avenue
Molecular Medicine Research Institute (MMRI)	525	Del Rey Avenue
Molecular Medicine Research Institute (MMRI)	552	Del Rey Avenue
Moose Family Center	905	Kifer
MURPHY AVENUE PET CLINIC	101	Hendy Ave. W.
MURPHY'S LAW	135	Murphy Ave. S.
NASA Bldg. M-12 DECA Commissary		Moffett Field
NASA Bldg. M-146 CANG Vehicle Wash Rack		Moffett Field
NASA Bldg. M-439		Moffett Field
NASA Bldg. M-455 Golf Cart Storage		Moffett Field
NASA Bldg. M-545 Defense Fuel Supply Point		Moffett Field
NASA Bldg. M-580 Fire Station		Moffett Field
NASA Bldg. M-585 Wash Rack		Moffett Field
NASA Bldg. M-662 Hangar 4		Moffett Field
NASA Bldg. M-684 CANG Aerospace Ground Equipment		Moffett Field
NASA Bldg. M-934 Tee Minus One Bar and Grill		Moffett Field
NASA Bldg. N-239		Moffett Field
NASA Bldg. N-245 - Earth Science		Moffett Field
NASA Bldg. N-248E Wash Rack		Moffett Field
NASA Moffett Federal Airfield		Moffett Field
Neoconix 2	715	Pastoria Avenue North
New Chef Lee's Chinese Restaurant	1115	Tasman Drive
New Port Restaurant	1686	S. Wolfe Road
New Wing Yuan Market	1139	N. Lawrence
NEW YORK STYLE SAUSAGE CO	1228	Reamwood Avenue

CompanyName	Address1	Address2
Nino's Cleaners	826	Fremont Avenue E.
Nissan Sunnyvale	880	El Camino Real E.
Nizario's Pizza	725	Sunnyvale-Saratoga Road
Noron Precision Machining	265	Sobrante Way
Northern California Graphics	817	Maude Avenue West
NORTHROP GRUMMAN CORPORATION	401	Hendy Ave. E.
NORTHROP-GRUMMAN CORP GTS	401	Hendy Ave. E.
OASIS	952	El Camino Real E.
Ocean Blue Sushi Club	1010	El Camino Real E.
OEPIC Inc.	1231	Boredeaux Drive
OIL CHANGERS #201	1240	El Camino Real W.
Oil Changers #405	135	Wolfe Road N.
OK Auto Body & Repair	210	Ahwanee Avenue
OLIVER INSTRUMENTS INC	922	California Avenue E.
OLLER BROS AUTO REPAIR	1096	Maude Ave. W.
Onda Corporation	592	East Weddell Drive East
ONE DAY CLEANER	417	El Camino Real E.
Onizuka Air Station	1080	Lockheed Way
Orange Night Club	1102	Evelyn Avenue West
Orchard Supply Hardware #0050	777	Sunnyvale-Saratoga Road
O'Reilly Auto Parts	815	El Camino Real E.
Oroweat Thrift Store	456	Maude Avenue West
P.F. Chang's China Bistro #6900	390	El Camino Real West
PACIFIC AUTO ELECTRIC	105	Weddell Drive W.
PACIFIC CERAMICS	824	San Aleso Avenue
Pacific Coast Trane Service	310	Soquel Way
Pacific Inn of Sunnyvale	170	Sunnyvale Avenue S.
Pad Thai Restaurant	500	Lawrence Expressway
Palace Bar-B-Que Buffet	1092	El Camino Real E.
PALACE CAFÉ	139	Murphy Ave. S.
Palladium Nightclub	767	Mathilda Avenue North
Panchavati	460	Persian Dr.
Panda Express	790	El Camino Real E.
PAPA MURPHY'S	939	El Camino Real W.
Paredes Autoworks	1062	El Camino Real E.
Park Cleaners and Shoe Repair	848	East Evelyn Avenue
Parkinsons Institute	1170	Morse Ave.
Parkinson's Institute & Clinical Center	675	Almanor Avenue
Pasta Market	460	El Camino Real E.
Pasta Pomodoro	300	El Camino Real West
PATIO, The	944	El Camino Real E.
Paul & Harvey's	130	Murphy Avenue S.
Peacock Lounge	106	Fremont Ave. E.
Pearson Automobile Company	1176	El Camino Real W.
PEBBLE ROPPONGI	160	Francis Ave. S.
Peet's Coffee and Tea #135	144	El Camino Real West
PENINSULA BUILDING MATERIALS CO	1175	Aster Ave.

CompanyName	Address1	Address2
Pep Boys	170	El Camino Real E.
PEPSI COLA BOTTLING COMPANY	960	Kifer Rd.
Pezzella's Villa Napoli	1025	El Camino Real W.
Pharmacyclics, Inc.	995	Arques Avenue East
Philly Cheese Steak Shop	832	W. El Camino
Pho Bin Little Saigon	855	Homestead Road E.
PHO BINH	1274	Persian Drrive
Pho Binh Minh Sunrise Noodle House	1129	Lawrence Expressway
Pho Nam	1205	Wildwood Avenue
PHO NAM RESTAURANT	844	El Camino Real W.
PHO QUEEN NOODLE HOUSE	1133	Tasman Drive
PHO QUYEN NOODLE HOUSE	1185	El Camino Real W.
Pho Vy	913	Duane Ave E.
Pho Wagon Restaurant	1627	Hollenbeck Road
Phuong Thao	155	South Murphy Avenue
Pierre's Tailorshop & Dry Cleaning	147	E. Washington Ave.
PINE CONE LUMBER	895	Evelyn Avenue E.
PINE PRESS	1366	Mary Ave. S.
Pivot Medical	762	Palomar Avenue
PIZZA DEPOT	919	Duane Avenue E.
Pizza Hut	1241	El Camino Real W.
Pizza Hut #011668	464	Mathilda Avenue North
Pizza Pub	1342	Mary Ave.
Pizzeria Piana	1287	Mary Avenue S.
Pizzeria Piana	1287	S. Mary Ave
Popeyes Chicken and Biscuits	802	w. El Camino
Power Print	1010	Morse Ave.
Pranda	1131	N Lawrence Expy
Precision Tune Auto Care	135	Wolfe Road N.
PRECISION TUNE AUTO CARE	1004	El Camino Real W.
PRINTING WORKS, THE	1111	Elko Dr.
Prism Inks	830	Ahwanee Avenue
Pro Star Auto and Towing	150	Wolfe Road
Protevo Biotech, LLC	562	E. Weddell Dr.
Q Cleaners	505	Pastoria Avenue South
Qualitek	1225	Elko Dr
QUALITEK INC (DBA WESTAK INC)	1225	Elko Dr.
QUALITY AUTO CENTER	1062	El Camino Real E.
Quality Cleaners	566	El Camino Real E.
Quality Tune Up Shop (#2)	696	Mathilda Avenue North
Quarter Note Bar and Grill	1214	Apollo Way
Quickly	126	Fremont Ave. E
Quickly	1149	N Lawrence
Quiet Solutions	1250	Elko Ave.
Quiznos Sub	251	S. Mary Ave.
Rainbow Car Wash and Detail	975	El Camino Real E.
Rajjot	1234	Wolfe Road S.

CompanyName	Address1	Address2
Raytheon Applied Signal Technologies, Inc.	490	California Avenue West
Remington Podiatry Group	697	Reminton Dr. E
Rene Rose	621	Caliente Dr.
RESPONSIBLE METAL FAB INC	1256	Lawrence Station Rd. N.
Resurrection School & Church	1395	Hollenbeck Road
RILEY CHIROPRACTIC	939	El Camino Real W.
rmg enterprises	960	El Camino Real W.
Road Runner Automotive	711	East Evelyn Avenue
Robees Falafel	260	E. Java
Rok Bistro	124	Murphy Ave. S.
RON'S TRANSMISSIONS	932	El Camino Real W.
Rooster T. Feathers Comedy Club	157	El Camino Real West
ROUND TABLE PIZZA	860	Old San Francisco Road
ROUND TABLE PIZZA	665	Bernardo Avenue S.
Round Table Pizza #4	1663	Hollenbeck Road
Round Table Pizza #713	415	Mary Avenue North
ROYAL DRY CLEANERS	1151	Lawrence Expy.
Ruby's Taqueria	821	Borregas Avenue
S & S TIRE & AUTO REPAIR	597	Murphy Avenue S.
Safeway	639	Bernardo Avenue S.
Safeway	785	El Camino Real E.
Safeway Foods #313	1601	Hollenbeck Road
Safeway Inc. #2887	150	El Camino Real East
Saigon Hong Kong Restaurant	1135	Lawrence Expressway
Saigon's Cleaners & Alterations	1034	E. El Camino
Saizo	592	El Camino Real E.
Sakura Sushi	173	South Murphy Avenue
Samax Precision, Inc.	926	Evelyn Avenue West
Santa Clara Cycle	993	El Camino Real E.
Saravanaa Bhavan	1305	S. Mary Ave.
Savory and Sweet	149	Hendy Avenue
Sawa Sushi	1042	El Camino Real E.
Scandia Auto Service	848	Evelyn Avenue West
SCOTTY'S CLEANERS	684	Fair Oaks Ave.
Senor Jalepeno	415	Mary Avenue North
Senzala	250	E. Java
Shalimar Restaurant	1146	W. El Camino Real
Shanghai Flavor Shop	888	Old San Francisco Road
Shanghai Restaurant	253	Maude Avenue East
Shaw's Sandwiches	470	Mathilda Avenue North
SHELL - westmore	925	Fremont Avenue W.
Shell (Mathilda)	776	Mathilda Avenue North
SHELL- Wolfe Auto Service	703	Wolfe Road S.
Shirin Deli & Market	582	Murphy Ave S
Shooter's Bar and Grill	769	Mathilda Avenue North
Siam Taste	172	South Murphy Street
Sierra Proto Express, Inc.	1108	Evelyn Avenue West

CompanyName	Address1	Address2
SILICON STORAGE TECHNOLOGIES	1171	Sonora Court
SILICON VALLEY AUTO BODY	327	Weddell Drive
Silicon Valley Chiropractic Group	333	El Camino Real West
Silicon Valley Fuels	1697	S. Wolfe Road
SIR SPEEDY	1185	Tasman Dr.
Siteler Wash	950	High School Way Mtn. View 94041
SMaRT STATION-GREEN TEAM ZANKER	301	Carl Road
Smoothie King #644	398	El Camino Real West
Sneha Indian Dining	1214	Apollo Way
Spansion LLC	915	Deguigne Drive
Spansion LLC	915	Deguigne Drive
Sparkle Clean Dry Cleaners	478	Mathilda Avenue North
Speed Oil Change Center	1240	W. El Camino
Speedee Oil Change & Tune Up #17-049	695	Homestead Road West
Spice Hut	594	El Camino Real E.
Spinal Kinetics	595	Pastoria Avenue North
Sporty's Bikini Bar	1053	El Camino Real E.
S-Sense	137	Fremont Ave. E.
St. Cyprian's Church and School	195	Leota Avenue
St. John's Bar & Grill	510	Lawrence Expressway
ST. JUDE MEDICAL CRMD	701	Evelyn Ave. E.
St. Martin School	597	Central Avenue
Starbucks	201	S. Mary Ave.
Starbucks #2885	460	Mathilda Avenue North
Starbucks Coffee	795	El Camino Real E.
STARBUCKS COFFEE	1291	Mary Avenue S.
Starbucks Coffee #631	1687	Hollenbeck Road
Starbucks Coffee #5981	332	El Camino Real West
Staybridge Suites	900	Hamlin Court
STEVEN'S CLASSIC PHILLY CHEESESTEAK	1121	Tasman Drive
SUBWAY	605	El Camino Real E.
Subway	500	Lawrence Expressway
SUBWAY	704	Wolfe Rd. S.
Subway	264	Java Drive
Subway	956	El Camino Real W.
Subway	1044	El Camino Real E
Subway Sandwiches #5834	415	Mary Avenue North
Sugar, Butter, Flour	669	S. Bernardo Ave.
Summer Winds Nursery	861	El Camino Real E.
Sunny Auto Care	1170	Willow Ave.
Sunny Buffet	502	Ross Drive
Sunny V Café	1133	Lawrence Expressway
Sunnyvale 76	1198	El Camino Real W.
Sunnyvale Acura	750	El Camino Real E.
Sunnyvale Art Gallery Café	251	El Camino Real
Sunnyvale Art Gallery Café	251	El Camino Real West
Sunnyvale Auto Body	505	Almanor Avenue

CompanyName	Address1	Address2
Sunnyvale Auto Spa	1005	El Camino Real W.
Sunnyvale Café	223	Maude Avenue East
Sunnyvale Car Wash & Detail	905	El Camino Real E.
Sunnyvale Car Wash (Chevron)	724	Mathilda Avenue North
Sunnyvale Chamber of Commerce	260	Sunnyvale Ave S.
Sunnyvale Chiropractic	481	Murphy Ave. S.
Sunnyvale Collision Care Centers	904	Arques Ave. E.
Sunnyvale Dodge	1095	El Camino Real W.
Sunnyvale Elks Lodge	375	Pastoria Avenue North
SUNNYVALE FORD	650	El Camino Real E.
SUNNYVALE LINCOLN MERCURY	1124	El Camino Real W.
Sunnyvale Lumber, Inc.	870	Evelyn Avenue West
Sunnyvale Motorcars	681	El Camino Real E.
Sunnyvale Presbyterian Church	728	Fremont Avenue West
SUNNYVALE SCHOOL DISTRICT	825	Iowa Avenue W.
Sunnyvale Smog Center	1062	El Camino Real E.
SUNNYVALE TOWING	247	Commercial Street
Sunnyvale Unocal - Truman Auto Care	499	Mathilda Avenue North
SUNNYVALE VOLKSWAGEN	1025	El Camino Real E.
SUNNYVALE WELDING & FABRICATING	717	Evelyn Ave. E.
SunPower Corporation	430	Indio Way
Sunpreme, Inc.	615	Palomar
Sunrise Senior Living	633	Knickerbocker S.
Super Burrito	1671	Hollenbeck Road
Super Pan Bakery & Meat Market	259	Maude Avenue East
SUPER QUALITY CLEANERS	1049	El Camino Real E.
Super Sunnyvale Market	933	E Duane Ave
Surface Engineering	919	Hamlin Court
Susan's Donuts & Snacks	1113	Tasman Drive
Sushi Club	415	Mary Avenue North
Swathi Tiffins	1202	Apollo Way
SWEET TOMATOES	1210	Kifer Road
Symmorphix, Inc.	1278	Reamwood Avenue
SYMYX TECHNOLOGY	1263	Arques Avenue
Synopsys Bldg. 8	1030	Maude Avenue West
Synopsys, Inc.	445	Mary Avenue North
Szechuan Garden Express	1677	Hollenbeck Avenue
T.D. Auto Repair and Service	683	East El Camino Real
TACO BELL	811	Kifer Road
Taco Bell	1109	Tasman Drive
TACO BELL #3208	991	El Camino Real W.
Tacos Jalapa	154	El Camino Real West
Tanto Japanese Restaurant	1063	El Camino Real E.
TAO TAO	175	Murphy Avenue S.
Tapioca Express	808	W. El Camino Real
Taqueria El Adobe	590	Old San Francisco Road
Taqueria El Grullo	620	Evelyn Ave. E.

CompanyName	Address1	Address2
Taqueria Latina	201	Maude Avenue East
Target	298	McKinley Ave W.
TARRAGON	140	Murphy Avenue S.
Taste Buds	673	Grape Ave.
Taste Nutrition Services	1296	Kifer Road
Tasty Subs and Pizza	528	Lawrence Exp.
Taverna Bistro	133	Murphy Avenue S.
TELEDYNE COUGAR ELECTRONICS	290	Santa Ana Ct.
TGI's Sushi	903	E. Duane Avenue
THAI BASIL #1	101	Murphy Avenue. S.
Thai Pepper	103	Fremont Ave. E.
THAI SPOONS	909	El Camino Real W.
Thanh's Restaurant	1294	Kifer Road
The Bay Fish & Chips	826	El Camino Real W.
THE FRENCH QUARTER	193	Murphy Avenue S.
The Old Siam	1111	W. El Camino
THUY'S TAILORS AND CLEANERS	159	Sunnyvale Ave. S.
TIA JUANA MEXICAN RESTAURANT	901	Duane Avenue E.
Tikka Masala	893	El Camino Real E.
TJ Automotive	135	Wolfe Road N.
Tofu House & Chocolate Sushi	595	El Camino Real E.
TOGOS	1253	El Camino Real W.
TOGO'S	561	El Camino Real E.
Togo's	540	Lawrence Expressway
Togo's Eatery	1220	Crossman Avenue
Togo's Eatery #334704	1683	Hollenbeck Road
Tom's Auto Repair	1004	W. El Camino
Tom's Auto Repair	1004	W. El camino
TONY & BROS	281	Fair Oaks Avenue N.
Toyota Certified	1124	W. El Camino
TOYOTA SUNNYVALE	898	El Camino Real W.
Trader Joe's #68	727	Sunnyvale-Saratoga Road
Tres Potrillos Taqueria	670	Fair Oaks Avenue N.
Trinity Church	477	Mathilda Avenue North
Trinity Church	477	Mathilda Avenue North
TRU-SI TECHNOLOGIES	657	Pastoria Avenue N.
TURMERIC INDIAN CUISINE	141	Murphy Ave. S.
TW Manufacturing LLC	1225	Bordeaux Drive
UDUPI PALACE	976	El Camino Real E.
UHAUL	939	El Camino Real E.
UNAMAS	548	Lawrence Expressway
Unilever Supply Chain, Inc.	1484	Kifer Rd.
Union 76 (Sunnyvale-Saratoga Road)	1296	Sunnyvale-Saratoga Road
UNITED PARCEL SERVICE	1245	Hammerwood Avenue
United Rentals #547	940	Evelyn Avenue West
UPS	925	Morse Ave.
Valero	698	Fair Oaks Avenue N.

CompanyName	Address1	Address2
Valero	750	S Bernardo
Valero/Lakewood Smog and Auto Repair	1037	Lakehaven Drive
Valle Sol	168	Murphy Ave. S.
VANDER-BEND MANUFACTURING	123	Uranium Rd.
Vargas Elementary School	1054	Carson Drive`
Vargas Upholstery	675	El Camino Real E.
Vito's Pizzeria	1155	Reed Avenue
Volker Precision Products, Inc.	650	Vaqueros Avenue
W.L. GORE AND ASSOCIATES, INC.	1327	Orleans Dr.
Walgreens	780	El Camino Real
Walgreens	105	El Camino Real E.
WALGREENS STORE #3380	1306	Mary Ave. S.
Wellness Chiropractic	730	El Camino Real E.
Wendy's	1313	Wolfe Road S.
Wendy's Old Fashioned Hamburgers #528	485	Mathilda Avenue North
WESTAK	1272	Forgewood Dr.
Wheel Works	1291	W. El Camino
WINDSOR FISH & CHIPS	876	Old San Francisco Road
Wing Stop #451	1661	Hollenbeck Avenue
Wok's On Express	156	El Camino Real West
WOLF CAMERA AND VIDEO #951	806	El Camino Real W.
Wolfe Engineering	1450	Kifer Road
World Oil #50	117	Maude Avenue West
X Smog, Inc.	771	Mathilda Avenue North
Xoft, Inc.	345	Potrero Avenue
Yag Manufacturing, Inc.	625	Pastoria Avenue North
Yahoo!, Inc.	781	First Avenue
YottaQ	495	Mercury Dr.
Yume - Ya Japanese Restaurant	150	El Camino Real West
Zinola Manufacturing	1190	Evelyn Avenue West
Zoll Circulation	650	Almanor Avenue
Zuccato's Auto Care	1026	Evelyn Avenue West

FY 2010-2011 Annual Report
Permittee Name: City of Sunnyvale

Section 4
Provision C.4 Industrial and Commercial Site Controls

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

Sunnyvale Facilities Scheduled for Inspection in FY 10-11

Appendix 4-2

C.4.b.iii.(2) ►

Facilities Scheduled for Inspection

Annual Report

CompanyName	Address1	Address2
A & J Product Solutions	1245	Birchwood Ave.
A.G. Ferrari Foods	304	El Camino Real West
Acellent Technologies	835	Stewart Dr.
Acta Pharmacal Co.	380	Pastoria Avenue North
Advanced Micro Devices (FASL, LLC.) Cafeteria	991	Stewart Drive
ADVANCED PHOTO CIRCUITS	1270	Lawrence Station Rd.
Aeroflex / Metelics	975	Stewart Drive
AFGHANI HOUSE RESTAURANT	1103	El Camino Real E.
Agape Grill	845	Stewart
Aixtron Genus, Inc.	1139	Karlstad Dr.
ALLEGRIA	233	Weddell Drive
Allvia, Inc.	657	Pastoria Avenue North
Allvia, Inc.	655	Pastoria Avenue North
Alphagraphics	1294	Anvilwood Avenue
American Diner	415	East El Camino Real
American European Auto Clinic	105	Maude Avenue East
AMERICAN PEPTIDE	777	Evelyn Avenue E.
Andhra Bhavan Indian Cuisine	151	El Camino Read E.
Annapoorna	573	East El Camino Real
Annapurna Snacks	1112	Elko Dr.
Applied Materials, Inc.	974	Arques Avenue East
Applied Materials, Inc. Arques Café	974	Arques Avenue East
AQT Solar, Inc.	1145	Sonora Court
ARA AUTOMATED FINISHING	1286	Anvilwood Avenue
Arby's	601	Bernardo Avenue S.
Ariake Sushi Boat	759	El Camino Real E.
ARK Diagnostics	1190	Bordeaux
ARMADILLO WILLY'S BBQ	161	El Camino Real E.
Armenian Gourmet	929	Duane Avenue E.
ARMSTRONG TECHNOLOGY INC	1271	Anvilwood Avenue
ARROYO ANIMAL CLINIC	1211	Sycamore Tree
Art Institute of California - Sunnyvale	1120	Kifer Road
Artificial Muscle, Inc.	749	Mary Avenue North
ARVI MANUFACTURING CO	1256	Birchwood Dr.
Asia Village Restaurant	747	Wolfe Road S.
AT & T West Corp Yard	1188	Evelyn Avenue West
Athidhi Indian Cuisine	727	Wolfe Road S.
Auto Collision Experts	908	Arques Ave.
Avantec Vascular	605	West California
Avion Research Company	265	Sobrante Way
Back Care Specialists	505	Pastoria Avenue South
Bagel Place Café	546	Lawrence Expwy
Bagel Street Café	348	Maude Avenue West

CompanyName	Address1	Address2
Baja Fresh Mexican Grill #288	701	Sunnyvale Avenue
BARN THAI	921	Duane Avenue E.
BARNES, WM G & SON COMPANY	1146	Sonora Ct.
BAY MICROFILM (BMI)	1115	Arques Avenue E.
Bay Sushi Japanese Restaurant	1647	Hollenbeck Road
Bayer Healthcare (Diabetes Div.)	510	Oakmead Parkway
Bayshore 76- Fair Oaks Auto Repair	801	Fair Oaks Avenue N.
BAYSHORE FENCE CO INC	933	Kifer Road
BEAN SCENE GOURMET COFFEE & TEA, THE	186	Murphy Ave. S.
BELL PLAZA CHIROPRACTIC	1052	El Camino Real E.
Bella's Bar & Grill	1111	Elko Dr.
Berkeley Farms	1276	Reamwood
Beryl's Place	1250	Oakmead Parkway
BEST COPY PRINTING	1260	Persian Dr.
BETTER BENTO	550	Lakeside Drive
BETTY BRITE CLEANERS	631	Grape Ave.
Bhavika's Food-to-Go	1053	El Camino Real E.
BIKE WORLD	953	El Camino Real W.
Black Angus	740	El Camino Real E.
Blue 29	615	Palomar Avenue
Blue Bonnet Sports Bar	208	Fair Oaks Avenue S.
BMB MOTORS	1297	El Camino Real W.
BOB'S AUTO SUPPLY	124	Carroll Street
BOB'S MACHINE SHOP	1181	Tasman Dr.
Bogarts	1209	Wildwood Avenue
Bon Chon	572	El Camino Real E.
Borders Books #473	316	El Camino Real West
BORG TECHNICAL SERVICES	1240	Mt. View-Alviso Rd.
Brass Rail	160	Persian Drive
BREAD BASKET DELI	135	Wolfe Road N.
BridgeLux	1231	Bourdeaux Dr.
Bubble Wash	696	El Camino Real West
BUGFORMANCE	944	El Camino Real W.
Burger King #10957	773	Mathilda Avenue North
Cabritos Mexican Bistro	685	El Camino Real E.
Café Dolce	415	Mary Avenue North
CaliSolar	985	Almanor Avenue
CALSTONE COMPANY	1155	Aster Avenue
CAM HUNG	903	Reed Avenue
Cameron Veterinary Hospital	1285	Mary Ave.
Carl's Jr.	1051	El Camino Real E.
Carl's Jr.	1220	Oakmead Parkway
Carl's Jr.	1195	El Camino Real W.
CARRIAGE CLEANERS	115	Fremont Avenue E.
Casa Lupe	691	Bernardo Avenue S.
Cedar Crest Nursing and Rehabilitation Center	797	Fremont Avenue E.
Chaat House	939	El Camino Real W.

CompanyName	Address1	Address2
Chaat House	889	El Camino Real E.
Chavez Supermarket	666	Fair Oaks Ave.
Cheetahs Gentlemen's Club	907	E. Arques Ave
Chef Young's Restaurant	494	Mathilda Avenue North
Chef Yu	163	Murphy Ave. S.
CHELOKABABI	1236	Wolfe Road S.
CHERRY CHASE PET HOSPITAL	1297	El Camino Real W.
CHEVRON	1265	Lawrence Station Road
Chevron, The Car Spa, Inc.	1097	Duane Ave. E.
Chipolte's #279	324	El Camino Real West
Chiropractic Care	520	Lawrence Expy.
Chiropractic Way	1633	Hollenbeck Road
Citala Us. Inc	1281	Reamwood
City of Sunnyvale Corporation Yard	221	Commercial Street
City of Sunnyvale Golf Course Cart Maintenance	605	Macara Avenue
City of Sunnyvale Golf Course Maintenance Facility	1003	Maude Avenue West
City of Sunnyvale Golf Course Snack Shack	605	Macara Avenue
City of Sunnyvale Landfill	600	Caribbean Drive
Clarita's Filipino Cuisine	905	Duane Avenue E.
Clean Cell	1170	Sonora Court
Clubouse Café	1010	Wolfe Road S.
Coco's Family Restaurant	1209	Oakmead Parkway
Coherent	1220	Midas Way
COLD STONE CREAMERY	757	El Camino Real E.
COLLISION AUTO REPAIR	277	Fair Oaks Ave. N.
Columbia Middle School	739	Morse Avenue
Columbia Middle School	739	Morse Avenue
Complete Genomics	750	Pastoria Avenue North
COPY	711	Evelyn Ave. E.
COSTCO	150	Lawrence Station Road
COUNTRY GOURMET	1314	Mary Avenue S.
Country Inn and Suites	1300	Chesapeake Terrace
Crazy Buffet	830	East El Camino Real
CYTYC Corp.	1240	Elko Dr.
Daily Donuts	110	Sunnyvale Ave. S
Daily Donuts & Sandwiches	505	Pastoria Avenue South
Daily Donuts and Bagels	708	Caliente Dr.
DAINIPPON SCREEN ENG (DNS)	820	Kifer Rd.
Dairy Belle Freeze #17	1323	Sunnyvale-Saratoga Road
Dannicks Auto Care	135	Wolfe Road. N.
Daphne's Greek Café #1073	144	El Camino Real West
DE ANZA SQUARE CLEANERS	1358	Mary Ave. S.
DEL MONTE RESTAURANT	100	Murphy Ave. S.
DELIGHT CLEANERS	1281	El Camino Real W.
Denny's Restaurant #7217	311	Mathilda Avenue South
Denny's Restaurant #7218	814	Ahwanee Avenue
DHL WORLDWIDE EXPRESS	1383	Borregas Ave.

CompanyName	Address1	Address2
DIAGNOSTICS UNLIMITED	135	Wolfe Road N.
Dionex Corporation Building 1	1228	Titan Way
Dionex Corporation Building 5 Cafeteria	527	Lakeside Drive
Dish Dash	190	Murphy Avenue S.
Dish n Dash	736	Mathilda Avenue North
Domain Hotel	1085	El Camino Real
Domino's Pizza	992	El Camino Real W.
Domino's Pizza	615	Caliente Drive
Don and Jon's Automotive	1080	El Camino Real E.
Dough Daddy Bakery	907	Duane Ave.
Dusita Thai	1028	El Camino Real
E&C Auto Depot / World Muffler	966	El Camino Real E.
ECONOMY AUTO REPAIR	1170	Willow Ave.
ECR Laboratory, Inc.	265	Sobrante Way
EL CAMINITO MEXICAN RESTAURANT	510	El Camino Real E.
El Cerrito Taqueria	120	Persian Drive
EL POLLO LOCO	996	El Camino Real W.
ELC VETERINARY CLINIC	832	Fremont Ave. E.
Elephant Express	302	Fair Oaks Ave. N.
Enterprise Rent-A-Car #2302	680	El Camino Real West
Enterprise Rental Cars	815	El Camino Real E.
ERIK'S DELI/CAFE	717	El Camino Real E.
EUROPEAN AUTO REPAIR & SERVICE	1170	Willow Ave.
EUROPEAN CAR REPAIR & SVC	275	Fair Oaks Drive N.
EXCEL CLEANERS	1082	El Camino Real E.
Excelics Semiconductor	310	DeGuigne
EZ SMOG	1170	Willow Ave.
F & M AUTO	975	El Camino Real W.
F&S Autobody	675	El Camino Real E.
Fair Oaks Chevron (gas & car wash)	296	Fair Oaks Avenue
Falafel Bite	1500	Lawrence Expwy
Famous Food Restaurant	872	Old San Francisco Road
Faultline Brewing Company	1235	Oakmead Parkway
FAZ RESTAURANT & BAR	1108	Mathilda Avenue N.
FEDERAL EXPRESS	1286	Lawrence Station Road
FERRIS CHIROPRACTIC OFFICE	519	Murphy Ave. S.
FIBBAR MAGEE'S	156	Murphy Ave. S.
Fire House Grill and Brewery	111	South Murphy Avenue
Firestone Tire and Service Center	922	El Camino W.
Fith Avenue \$1.75 Cleaners	251	S. Mary Ave
FOUR D METAL FINISHING, INC.	620	Taylor Avenue East
Fremont High School Automotive Classroom	1279	Sunnyvale-Saratoga Road
Fremont High School Cafeteria	1279	Sunnyvale-Saratoga Road
Fremont High School Science Building	1279	Sunnyvale-Saratoga Road
Fremont Unified High School District	589	Fremont Avenue West
FRESH CHOICE	1105	El Camino Real W.
Fresh U Order Bagels - Bakery Café	500	Lawrence

CompanyName	Address1	Address2
Fujitsu	1240	Arques Avenue E.
Full Moon Biosystems	754	Pastoria Avenue North
GARCIA'S TAQUERIA	738	Fair Oaks Ave. S.
GE Healthcare	928	Arques Avenue East
Ginger Café	398	El Camino West
Giovanni's Pizzeria	1127	Lawrence Expressway
Gobi Mongolian BBQ	1135	Tasman Dr.
GOLFLAND USA	855	El Camino Real E.
Gombeï Bento	511	Borragas Avenue
Grand Hotel	865	El Camino Real W.
Great Vegi Land	562	Murphy S.
Griffin Upholstery	1062	El Camino Real E.
Guadalajara Market	827	Borragas Avenue
GUMBA'S ITALIAN RESTAURANT	176	Murphy Avenue S.
H. Butler's BBQ	568	El Camino Real E.
HACIENDA CLEANERS	793	El Camino Real E.
Hanamaru	675	Bernardo Avenue S.
HANKOOK Super Deli	1092	El Camino Real E.
Happy Café	542	Lakeside Dr.
Hard Roc Concrete	691	Mathilda Avenue North
HARDY'S BAVARIA	111	Evelyn Avenue W.
HCR Manor Care	1150	Tilton Drive
HENDY AUTO REPAIR	111	Sunnyvale Avenue N.
Hertz Local Edition	510	El Camino Real E
Hobee's California Restaurants #7	800	Ahwanee Avenue
HOFFMAN MACHINING	1010	Morse Ave.
Holiday Cleaners	1111	El Camino Real
HOME DEPOT	680	Kifer Rd.
HONDA PENINSULA	1289	El Camino Real W.
Honeyberry's	1661	Hollenbeck Road
Honeywell	1349	Moffett Park Drive
Honeywell International	1349	Moffett Park Drive
Hot Breads	464	El Camino Real E.
House of Bagels	1681	Hollenbeck Road
House of Kabobs	161	South Murphy Street
House of Pho	1066	E. El Camino Real
HP Palm SV 01 Cafeteria	950	Maude Avenue West
HU, DR. HANK	749	Fremont Ave. W.
Hybrid Commercial Printing	1010	W. El Camino Real
I Love Pizza	109	Fremont Avenue E.
I.N.S. Photo Studio	605	El Camino Real E.
IDEXX VETERINARY	1245	Reamwood Ave.
iL Postale	127	Washington Street W.
Import Auto Care	1170	Willow Ave.
Indus Auto	1062	El Camino Real E.
INFINERA	1322	Bordeaux Drive
Inko International Corporation	695	Vaqueros Avenue

CompanyName	Address1	Address2
Inko International Corporation	716	Pastoria Avenue North
IN-N-OUT BURGER	604	El Camino Real E.
Innovalight, Inc.	965	Arques Avenue East
Integrated Materials, Inc.	1169	Borregas Avenue
Intermedia Productions	1190	Miraloma Way
IT Renew	1235	Elko Dr.
J PHOTO CENTER	1018	El Camino Real E.
J S MOTORS	1164	Willow Ave.
Jack in the Box	813	El Camino Real W.
JAKE'S OF SUNNYVALE	174	Fremont Ave. E.
JAMBA JUICE	797	El Camino Real E.
Jamba Juice #391	415	Mary Avenue North
JANG TU SOONDAE RESTAURANT	1012	El Camino Real E.
JAPANESE BEETLE	928	El Camino Real E.
Java Cleaners	256	Java
Java Sushi	262	Java Drive
JC AUTO REPAIR	1062	El Camino Real E.
JIFFY LUBE #295	999	El Camino Real W.
JOHN LINCOLN CO	172	Commercial St.
JSR Micro, Inc.	1260	Mathilda Ave. N.
Juniper Networks	1184	Mathilda Avenue N.
Just Tires	1297	El Camino Real W.
Kabob Afghan and Persian Cuisine	604	S. Mary Ave.
Kabul	833	El Camino Real W.
Kals's Bar-B-Q	425	Mathilda Avenue North
Kaluah Kennels	689	Mathilda Avenue North
Katana	411	East El Camino Real
KENTUCKY FRIED CHICKEN	1065	El Camino Real E.
Kentucky Fried Chicken #159	340	Maude Avenue West
Kentucky Fried Chicken & Taco Bell	1695	Hollenbeck Road
King Wah	219	Washington Ave. E.
KING'S SEAFOOD CENTER INC	425	El Camino Real E.
KOMALA VILAS RESTAURANT	1020	El Camino Real E.
Kuehne Construction	933	Kifer Road
La Miche	1107	El Camino Real W.
Lake Vista Liquor	1123	N. Lawrence
LANSER, WENDY	990	Fremont Ave. W.
Las Islitas Taqueria	848	East Evelyn Avenue
Las Palmas Grill - City Kabob	755	Mathilda Avenue South
LAWRENCE 76	295	Lawrence Expressway
Lawrence Hooper, MD Inc.	500	East Remington
Le Boulanger	305	Mathilda Avenue North
Lee's Sandwiches	939	W. El Camino
LEFCO INC	698	Taylor Ave. E.
LensVector, Inc	675	Palomar Avenue
Lin-Zhi International	687	Pastoria Avenue North
Lion & Compass	1023	Fair Oaks Avenue N.

CompanyName	Address1	Address2
Little Caesar's Pizza #5044	1039	Sunnyvale-Saratoga Road
Little Michoacan	305	North Fair Oaks Avenue
LMMS	1111	Lockheed Martin Way
LMMS GES	1111	Lockheed Martin Way
Lockheed Martin Corp.Groundwater Extraction	1235	Elko Dr.
LONGHORN CHARCOAL PIT	102	Fremont Avenue E.
Long's Drugs #9198	1675	Hollenbeck Road
Lookout Inn Restaurant, Inc.	605	Macara Avenue
LOZANO AUTO SERVICE	934	El Camino Real W.
LOZANO'S CAR WASH	610	Grape Avenue
LUCKY DHABA	1034	El Camino Real E.
Lucky Foods (Save Mart #780)	484	Mathilda Avenue North
Made in Japan/Made in USA	169	Commercial Street
Madhuban Indian Cuisine	544	Lawrence Expressway
MADRAS CAFÉ, INC.	1177	El Camino Real W.
Madura Veg Indian Cuisine	1635	Hollenbeck Avenue
MAGIC WOK	734	Wolfe Road S.
Manufacturing & Engineering Consulting Service	265	Sobrante Way
MARIE CALLENDER'S	751	El Camino Real E.
MARK MORRIS TIRE SERVICE	922	El Camino Real W.
Marty's Donut Shop	350	Maude Avenue West
Maxim	433	Mathilda Avenue N.
Maxim Integrated Products, Inc.	929	E. Arques
Mc DONALD'S	550	Lawrence Expressway
Mc Donald's #6867	615	Mathilda Avenue North
McDonald's	1169	El Camino Real W.
McDONALD'S RESTAURANT	556	El Camino Real E.
MDS Analytical Technologies	1312	Crossman
MedDev Corporation	730	Pastoria Avenue North
Medina's Kitchen	911	E. Duane
Medtronic	480	Java Dr.
Meggitt (Endevco MEMS)	355	Pastoria Avenue N.
Mellow's Nursery	221	Mathilda Avenue North
MERCADO LA TORRE INC	614	Evelyn Ave. E.
Merit Vegetarian	548	Lawrence Expressway
MiaSole	435	Oakmead Parkway
MID Auto Service	1155	Willow Ave.
Minerva Café and Indian Restaurant	415	Mary Avenue North
Mission City Café	510	Lawrence Exp
MOHAWK LABORATORIES DIV OF NCH CORP	932	Kifer Rd.
MOLECULAR DEVICES, INC.	1311	Orleans Drive
Moose Family Center	905	Kifer
MURPHY AVENUE PET CLINIC	101	Hendy Ave. W.
MURPHY'S LAW	135	Murphy Ave. S.
NASA Bldg. M-12 DECA Commissary		Moffett Field
NASA Bldg. M-146 CANG Vehicle Wash Rack		Moffett Field
NASA Bldg. M-439		Moffett Field

CompanyName	Address1	Address2
NASA Bldg. M-455 Golf Cart Storage		Moffett Field
NASA Bldg. M-545 Defense Fuel Supply Point		Moffett Field
NASA Bldg. M-580 Fire Station		Moffett Field
NASA Bldg. M-585 Wash Rack		Moffett Field
NASA Bldg. M-662 Hangar 4		Moffett Field
NASA Bldg. M-684 CANG Aerospace Ground Equipment		Moffett Field
NASA Bldg. M-934 Tee Minus One Bar and Grill		Moffett Field
NASA Bldg. N-239		Moffett Field
NASA Bldg. N-248E Wash Rack		Moffett Field
NASA Moffett Federal Airfield		Moffett Field
Neoconix 2	715	Pastoria Avenue North
New Chef Lee's Chinese Restaurant	1115	Tasman Drive
New Port Restaurant	1686	S. Wolfe Road
New Wing Yuan Market	1139	N. Lawrence
NEW YORK STYLE SAUSAGE CO	1228	Reamwood Avenue
Nizario's Pizza	725	Sunnyvale-Saratoga Road
Noron Precision Machining	265	Sobrante Way
Northern California Graphics	817	Maude Avenue West
NORTHROP GRUMMAN CORPORATION	401	Hendy Ave. E.
NORTHROP-GRUMMAN CORP GTS	401	Hendy Ave. E.
OASIS	952	El Camino Real E.
Ocean Blue Sushi Club	1010	El Camino Real E.
OEPIIC Inc.	1231	Boredeaux Drive
OIL CHANGERS #201	1240	El Camino Real W.
OLIVER INSTRUMENTS INC	922	California Avenue E.
OLLER BROS AUTO REPAIR	1096	Maude Ave. W.
Onda Corporation	592	East Weddell Drive East
Orange Night Club	1102	Evelyn Avenue West
Oroweat Thrift Store	456	Maude Avenue West
P.F. Chang's China Bistro #6900	390	El Camino Real West
PACIFIC CERAMICS	824	San Aleso Avenue
Pacific Inn of Sunnyvale	170	Sunnyvale Avenue S.
Pad Thai Restaurant	500	Lawrence Expressway
Palace Bar-B-Que Buffet	1092	El Camino Real E.
PALACE CAFÉ	139	Murphy Ave. S.
Palladium Nightclub	767	Mathilda Avenue North
Panda Express	790	El Camino Real E.
PAPA MURPHY'S	939	El Camino Real W.
Parkinsons Institute	1170	Morse Ave.
Pasta Market	460	El Camino Real E.
Pasta Pomodoro	300	El Camino Real West
PATIO, The	944	El Camino Real E.
Paul & Harvey's	130	Murphy Avenue S.
PEBBLE ROPPPONGI	160	Francis Ave. S.
Peet's Coffee and Tea #135	144	El Camino Real West
PENINSULA BUILDING MATERIALS CO	1175	Aster Ave.
Pep Boys	170	El Camino Real E.

CompanyName	Address1	Address2
Pezzella's Villa Napoli	1025	El Camino Real W.
Pharmacyclics, Inc.	995	Arques Avenue East
Pho Bin Little Saigon	855	Homestead Road E.
PHO BINH	1274	Persian Drrive
Pho Binh Minh Sunrise Noodle House	1129	Lawrence Expressway
Pho Nam	1205	Wildwood Avenue
PHO NAM RESTAURANT	844	El Camino Real W.
PHO QUEEN NOODLE HOUSE	1133	Tasman Drive
PHO QUYEN NOODLE HOUSE	1185	El Camino Real W.
Pho Vy	913	Duane Ave E.
Pho Wagon Restaurant	1627	Hollenbeck Road
Phuong Thao	155	South Murphy Avenue
PINE CONE LUMBER	895	Evelyn Avenue E.
PINE PRESS	1366	Mary Ave. S.
Pivot Medical	762	Palomar Avenue
PIZZA DEPOT	919	Duane Avenue E.
Pizza Hut	1241	El Camino Real W.
Pizza Hut #011668	464	Mathilda Avenue North
Pizza Pub	1342	Mary Ave.
Pizzeria Piana	1287	Mary Avenue S.
Pizzeria Piana	1287	S. Mary Ave
Popeyes Chicken and Biscuits	802	w. El Camino
Power Print	1010	Morse Ave.
Pranda	1131	N Lawrence Expy
Precision Tune Auto Care	135	Wolfe Road N.
PRECISION TUNE AUTO CARE	1004	El Camino Real W.
PRINTING WORKS, THE	1111	Elko Dr.
Prism Inks	830	Ahwanee Avenue
Protevo Biotech, LLC	562	E. Weddell Dr.
Qualitek	1225	Elko Dr
QUALITEK INC (DBA WESTAK INC)	1225	Elko Dr.
Quality Cleaners	566	El Camino Real E.
Quarter Note Bar and Grill	1214	Apollo Way
Quickly	126	Fremont Ave. E
Quickly	1149	N Lawrence
Quiet Solutions	1250	Elko Ave.
Quiznos Sub	251	S. Mary Ave.
Rajjot	1234	Wolfe Road S.
Raytheon Applied Signal Technologies, Inc.	490	California Avenue West
Remington Podiatry Group	697	Reminton Dr. E
Rene Rose	621	Caliente Dr.
RESPONSIBLE METAL FAB INC	1256	Lawrence Station Rd. N.
Resurrection School & Church	1395	Hollenbeck Road
RILEY CHIROPRACTIC	939	El Camino Real W.
rmg enterprises	960	El Camino Real W.
Road Runner Automotive	711	East Evelyn Avenue
Rok Bistro	124	Murphy Ave. S.

CompanyName	Address1	Address2
Rooster T. Feathers Comedy Club	157	El Camino Real West
ROUND TABLE PIZZA	860	Old San Francisco Road
ROUND TABLE PIZZA	665	Bernardo Avenue S.
Round Table Pizza #4	1663	Hollenbeck Road
Round Table Pizza #713	415	Mary Avenue North
ROYAL DRY CLEANERS	1151	Lawrence Expy.
Ruby's Taqueria	821	Borregas Avenue
S & S TIRE & AUTO REPAIR	597	Murphy Avenue S.
Safeway	639	Bernardo Avenue S.
Safeway Foods #313	1601	Hollenbeck Road
Safeway Inc. #2887	150	El Camino Real East
Saigon Hong Kong Restaurant	1135	Lawrence Expressway
Saigon's Cleaners & Alterations	1034	E. El Camino
Saizo	592	El Camino Real E.
Sakura Sushi	173	South Murphy Avenue
Samax Precision, Inc.	926	Evelyn Avenue West
Santa Clara Cycle	993	El Camino Real E.
Saravanaa Bhavan	1305	S. Mary Ave.
Savory and Sweet	149	Hendy Avenue
Sawa Sushi	1042	El Camino Real E.
SCOTTY'S CLEANERS	684	Fair Oaks Ave.
Senor Jalepeno	415	Mary Avenue North
Senzala	250	E. Java
Shalimar Restaurant	1146	W. El Camino Real
Shanghai Flavor Shop	888	Old San Francisco Road
Shanghai Restaurant	253	Maude Avenue East
Shaw's Sandwiches	470	Mathilda Avenue North
SHELL- Wolfe Auto Service	703	Wolfe Road S.
Shirin Deli & Market	582	Murphy Ave S
Shooter's Bar and Grill	769	Mathilda Avenue North
Siam Taste	172	South Murphy Street
Sierra Proto Express, Inc.	1108	Evelyn Avenue West
SILICON STORAGE TECHNOLOGIES	1171	Sonora Court
Silicon Valley Fuels	1697	S. Wolfe Road
SIR SPEEDY	1185	Tasman Dr.
Siteler Wash	950	High School Way Mtn. View 94041
SMaRT STATION-GREEN TEAM ZANKER	301	Carl Road
Smoothie King #644	398	El Camino Real West
Sneha Indian Dining	1214	Apollo Way
Spansion LLC	915	Deguigne Drive
Spansion LLC	915	Deguigne Drive
Speed Oil Change Center	1240	W. El Camino
Spice Hut	594	El Camino Real E.
Sporty's Bikini Bar	1053	El Camino Real E.
S-Sense	137	Fremont Ave. E.
St. Cyprian's Church and School	195	Leota Avenue
St. John's Bar & Grill	510	Lawrence Expressway

CompanyName	Address1	Address2
St. Martin School	597	Central Avenue
Starbucks	201	S. Mary Ave.
Starbucks #2885	460	Mathilda Avenue North
Starbucks Coffee	795	El Camino Real E.
STARBUCKS COFFEE	1291	Mary Avenue S.
Starbucks Coffee #631	1687	Hollenbeck Road
Starbucks Coffee #5981	332	El Camino Real West
Staybridge Suites	900	Hamlin Court
STEVEN'S CLASSIC PHILLY CHEESESTEAK	1121	Tasman Drive
Subway	264	Java Drive
Subway	500	Lawrence Expressway
Subway	1044	El Camino Real E
SUBWAY	605	El Camino Real E.
Subway	956	El Camino Real W.
SUBWAY	704	Wolfe Rd. S.
Subway Sandwiches #5834	415	Mary Avenue North
Sugar, Butter, Flour	669	S. Bernardo Ave.
Summer Winds Nursery	861	El Camino Real E.
Sunny Auto Care	1170	Willow Ave.
Sunny Buffet	502	Ross Drive
Sunny V Café	1133	Lawrence Expressway
Sunnyvale Acura	750	El Camino Real E.
Sunnyvale Art Gallery Café	251	El Camino Real
Sunnyvale Art Gallery Café	251	El Camino Real West
Sunnyvale Car Wash & Detail	905	El Camino Real E.
Sunnyvale Car Wash (Chevron)	724	Mathilda Avenue North
Sunnyvale Chiropractic	481	Murphy Ave. S.
Sunnyvale Dodge	1095	El Camino Real W.
Sunnyvale Elks Lodge	375	Pastoria Avenue North
SUNNYVALE FORD	650	El Camino Real E.
SUNNYVALE LINCOLN MERCURY	1124	El Camino Real W.
Sunnyvale Presbyterian Church	728	Fremont Avenue West
SUNNYVALE SCHOOL DISTRICT	825	Iowa Avenue W.
SUNNYVALE TOWING	247	Commercial Street
SUNNYVALE VOLKSWAGEN	1025	El Camino Real E.
SunPower Corporation	430	Indio Way
Sunpreme, Inc.	615	Palomar
Sunrise Senior Living	633	Knickerbocker S.
Super Burrito	1671	Hollenbeck Road
Super Pan Bakery & Meat Market	259	Maude Avenue East
SUPER QUALITY CLEANERS	1049	El Camino Real E.
Super Sunnyvale Market	933	E Duane Ave
Surface Engineering	919	Hamlin Court
Susan's Donuts & Snacks	1113	Tasman Drive
Sushi Club	415	Mary Avenue North
Swathi Tiffins	1202	Apollo Way
SWEET TOMATOES	1210	Kifer Road

CompanyName	Address1	Address2
Symmorphix, Inc.	1278	Reamwood Avenue
SYMYX TECHNOLOGY	1263	Arques Avenue
Synopsys Bldg. 8	1030	Maude Avenue West
Synopsys, Inc.	445	Mary Avenue North
Szechuan Garden Express	1677	Hollenbeck Avenue
Taco Bell	1109	Tasman Drive
TACO BELL	811	Kifer Road
TACO BELL #3208	991	El Camino Real W.
Tacos Jalapa	154	El Camino Real West
Tanto Japanese Restaurant	1063	El Camino Real E.
TAO TAO	175	Murphy Avenue S.
Tapioca Express	808	W. El Camino Real
Taqueria El Adobe	590	Old San Francisco Road
Taqueria El Grullo	620	Evelyn Ave. E.
Taqueria Latina	201	Maude Avenue East
Target	298	McKinley Ave W.
TARRAGON	140	Murphy Avenue S.
Taste Buds	673	Grape Ave.
Taste Nutrition Services	1296	Kifer Road
Tasty Subs and Pizza	528	Lawrence Exp.
Taverna Bistro	133	Murphy Avenue S.
TELEDYNE COUGAR ELECTRONICS	290	Santa Ana Ct.
TGI's Sushi	903	E. Duane Avenue
THAI BASIL #1	101	Murphy Avenue. S.
Thai Pepper	103	Fremont Ave. E.
THAI SPOONS	909	El Camino Real W.
Thanh's Restaurant	1294	Kifer Road
The Bay Fish & Chips	826	El Camino Real W.
THE FRENCH QUARTER	193	Murphy Avenue S.
The Old Siam	1111	W. El Camino
TIA JUANA MEXICAN RESTAURANT	901	Duane Avenue E.
Tikka Masala	893	El Camino Real E.
TJ Automotive	135	Wolfe Road N.
Tofu House & Chocolate Sushi	595	El Camino Real E.
TOGOS	1253	El Camino Real W.
TOGO'S	561	El Camino Real E.
Togo's	540	Lawrence Expressway
Togo's Eatery	1220	Crossman Avenue
Togo's Eatery #334704	1683	Hollenbeck Road
Trader Joe's #68	727	Sunnyvale-Saratoga Road
Tres Potrillos Taqueria	670	Fair Oaks Avenue N.
Trinity Church	477	Mathilda Avenue North
Trinity Church	477	Mathilda Avenue North
TRU-SI TECHNOLOGIES	657	Pastoria Avenue N.
TURMERIC INDIAN CUISINE	141	Murphy Ave. S.
TW Manufacturing LLC	1225	Bordeaux Drive
UDUPI PALACE	976	El Camino Real E.

CompanyName	Address1	Address2
UHAUL	939	El Camino Real E.
UNAMAS	548	Lawrence Expressway
Unilever Supply Chain, Inc.	1484	Kifer Rd.
UNITED PARCEL SERVICE	1245	Hammerwood Avenue
United Rentals #547	940	Evelyn Avenue West
UPS	925	Morse Ave.
Valero	750	S Bernardo
Valero/Lakewood Smog and Auto Repair	1037	Lakehaven Drive
Valle Sol	168	Murphy Ave. S.
VANDER-BEND MANUFACTURING	123	Uranium Rd.
Vargas Elementary School	1054	Carson Drive`
Vito's Pizzeria	1155	Reed Avenue
Volker Precision Products, Inc.	650	Vaqueros Avenue
W.L. GORE AND ASSOCIATES, INC.	1327	Orleans Dr.
Walgreens	780	El Camino Real
Walgreens	105	El Camino Real E.
WALGREENS STORE #3380	1306	Mary Ave. S.
Wellness Chiropractic	730	El Camino Real E.
Wendy's	1313	Wolfe Road S.
Wendy's Old Fashioned Hamburgers #528	485	Mathilda Avenue North
WESTAK	1272	Forgewood Dr.
Wheel Works	1291	W. El Camino
WINDSOR FISH & CHIPS	876	Old San Francisco Road
Wing Stop #451	1661	Hollenbeck Avenue
Wok's On Express	156	El Camino Real West
WOLF CAMERA AND VIDEO #951	806	El Camino Real W.
Wolfe Engineering	1450	Kifer Road
X Smog, Inc.	771	Mathilda Avenue North
Xoft, Inc.	345	Potrero Avenue
Yag Manufacturing, Inc.	625	Pastoria Avenue North
Yahoo!, Inc.	781	First Avenue
Yume - Ya Japanese Restaurant	150	El Camino Real West
Zoll Circulation	650	Almanor Avenue

FY 2010-2011 Annual Report
Permittee Name: City of Sunnyvale

Section 5
Provision C.5 Illicit Discharge Detection and Elimination

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

**Sunnyvale Complaint and Spill Response Phone Number and Spill
Contact List**

Appendix 5-1 C.5.c.iii ►

Complaint and Spill Response Phone Number and Spill Contact List

Contact Telephone Numbers for IDDE Program

City of Sunnyvale:

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

Other Important Numbers:

Office of Emergency Services (State) 427-4341 OES State Warning Center will notify EPA, Fish and Game	1-800-852-7550 or alternate (916)
Regional Water Quality Control Board (Spill Hotline number) Courtesy Call: Sue Ma	(510) 622-2369 (510) 622-2386
Coast Guard (24 hour)	(415) 399-3530
Santa Clara County HHW Program & Department of Env. Heath	(408) 918-3400
Santa Clara Valley Water District Maintenance Division – reporting or assistance requests	(408) 265-2607 x2378
City of Santa Clara – Sewer/Water Emergency	(408) 615-5640 or 615-2062

FY 2010-2011 Annual Report
Permittee Name: City of Sunnyvale

Section 5

Provision C.5 Illicit Discharge Detection and Elimination

C.5.e.iii Evaluation of Collection System Screening Program
Appendix 5-2: Outfall Inspection Results FY 10-11

Collection System Screening Program
 Outfall Dry Weather Inspections 2010

Date	Time	Outfall ID Number or Location	Inspector(s) Names	Last Rainfall Date	Catchment Area Type (1)	Catchment Area Type (2)	Catchment Area Type (3)	Catchment Area Type (4)	Standing Water Present	Flow from Outfall	Approximate Depth of Flow (inches)
8/31/2010	7:30 AM	675 Almanor - #513 - SV West Channel	Scheidt & McCumby	5/25/2010	Heavy Industrial	Light Industrial	Industrial Park		No	Steady	2.0
8/31/2010	7:55 AM	Hamlin Ct #529 - SV West Channel	Scheidt & McCumby	5/25/2010	Heavy Industrial	Light Industrial	Industrial Park		No	Steady	3.0
8/31/2010	8:10 AM	1120 Mathilda - SV West Channel	Scheidt & McCumby	5/25/2010	Heavy Industrial	Light Industrial	Industrial Park		No	Steady	3.0
8/31/2010	8:15 AM	Between Bordeaux and Mathilda - 24" (non-city outfall) SV West Channel	Scheidt & McCumby	5/25/2010	Light Industrial	Industrial Park			No	None	0.0
8/31/2010	8:55 AM	Kiefer at SV East Channel crossing - #331, 18 & 24" RCP	Scheidt & McCumby	5/25/2010	Heavy Industrial	Light Industrial	Commercial		No	Trickle	1.0
8/31/2010	9:10 AM	Evelyn and Britton at SV East Channel #310 -18" RCP	Scheidt & McCumby	5/25/2010	Heavy Industrial	Light Industrial			No	None	0.0
8/31/2010	9:10 AM	Evelyn and Britton at SV East Channel #310 -30" RCP	Scheidt & McCumby	5/25/2010	Commercial	Residential			No	None	0.0
8/31/2010	9:20 AM	Evelyn and Britton at SV East, south of bridge crossing #310 - DI 305	Scheidt & McCumby	5/25/2010	Residential				No	None	0.0
8/31/2010	9:35 AM	Aster and Reid - El Camino Channel - 18" outfall	Scheidt & McCumby	5/25/2010	Residential				Yes	Trickle	0.1
8/31/2010	10:00 AM	Lawrence Station Outfall - El Camino Channel	Scheidt & Kulpa	5/25/2010	Light Industrial	Commercial			Yes	Trickle	0.5
8/31/2010	10:30 AM	Renoir Ct, S. El Camino Channel 6" culvert west side	Scheidt & Kulpa	5/25/2010	Commercial	Residential			Yes	Trickle	1.0
8/31/2010	11:00 AM	Remington Ct at Stevens Creek	Scheidt	5/25/2010	Residential				Yes	Steady	24.0

Collection System Screening Program
 Outfall Dry Weather Inspections 2010

Date	Time	Outfall ID Number or Location	Inspector(s) Names	Last Rainfall Date	Catchment Area Type (1)	Catchment Area Type (2)	Catchment Area Type (3)	Catchment Area Type (4)	Standing Water Present	Flow from Outfall	Approximate Depth of Flow (inches)
8/31/2010	1:00 PM	El Camino Channel at El Camino Real, N.and S. Sides	Scheidt & McCumby	5/25/2010	Commercial	Residential			Yes	Trickle	1.0
8/31/2010	1:30 PM	Keifer at Calabazas Creek, West side	Scheidt & McCumby	5/25/2010	Light Industrial	Industrial Park			No	Steady	2.0
8/31/2010	1:45 PM	Central Expressway at Calabazas Creek (60" outfall)	Scheidt & McCumby	5/25/2010	Light Industrial	Industrial Park	Commercial		No	Steady	2.0
8/31/2010	2:15 PM	Wildwood Ave at Calabazas - 60" outfall	Scheidt & McCumby	5/25/2010	Light Industrial	Industrial Park	Commercial	Residential	No	Steady	6.0

Collection System Screening Program
 Outfall Dry Weather Inspections 2010

Outfall ID Number or Location	Estimated Trash Volume	Odor	Color	Turbidity	Hydro-carbon Sheen	Sediment	Other Observations	Illicit Discharge Observed	Pretreatment Division Notified	If yes, Date & Time of Notification	Comments
675 Almanor - #513 - SV West Channel	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Box culvert, beginning of Sunnyvale East Channel	No	No		Brown filamentous algae present in base of channel
Hamlin Ct #529 - SV West Channel	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Box culvert, north of Hwy 101	No	No		
1120 Mathilda - SV West Channel	Low	Absent	Absent	Non-Detect	Non-Detect	Trace-Low		No	No		Algae layer present below sac-crete where water is calm.
Between Bordeaux and Mathilda 24" (non-city outfall) SV West Channel	Non-detect	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Outfall on north side of channel, draining industrial park area.	No	No		Culvert dry
Kiefer at SV East Channel crossing - #331, 18 & 24" RCP	Low	Absent	Absent	Non-Detect	Non-Detect	Trace-Low	Trickle across concrete base of box culvert forming small puddle water, slowly draining downstream.	No	No		Sunnyvale East Channel is dry upstream of the two outfall culverts.
Evelyn and Britton at SV East Channel #310 -18" RCP	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Moist area at base of pipe, but no flow at time of inspection	No	No		
Evelyn and Britton at SV East Channel #310 -30" RCP	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Outfall dry. Graffiti on the box culvert walls	No	No		
Evelyn and Britton at SV East, south of bridge crossing #310 - DI 305	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Outfall dry. Overgrown with vegetation.	No	No		
Aster and Reid - El Camino Channel - 18" outfall	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	One puddle present, about 50 ft west of gate	No			
Lawrence Station Outfall - El Camino Channel	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Three pipes join together. "Trickling" flows in each one fill an area about 18" deep at the base of the outfalls	No	No		Some "sheen" is visible on the surface, but it is not hydrocarbon in origin. It looks to be from pollen.
Renoir Ct, S. El Camino Channel 6" culvert west side	Non-detect	Absent	Present	Low	Non-Detect	Non-Detect	Clear blue color present in water sample.	Yes	Yes	8/31/2010: 12:30 PM	Flow/blue color may be coming from Sunnyvale Community Center fountain/pond due to cross connection problem. Pretreatment will follow up as IDDE incident.
Remington Ct at Stevens Creek	Non-detect	Absent	Absent	Low	Non-Detect	Trace-Low	Water is clear	No	No		Access limited and difficult downstream of culvert. Too overgrown to clearly see 50"culvert. No photo take of site.

Collection System Screening Program
 Outfall Dry Weather Inspections 2010

Outfall ID Number or Location	Estimated Trash Volume	Odor	Color	Turbidity	Hydro-carbon Sheen	Sediment	Other Observations	Illicit Discharge Observed	Pretreatment Division Notified	If yes, Date & Time of Notification	Comments
El Camino Channel at El Camino Real, N.and S. Sides	Medium	Absent	Present	Low	Low	Trace-Low	Some greasy sheen visible. Water has blue color, similar to Renoir Ct. site upstream.	Yes	Yes	8/31/2010: 12:30 PM	Same incident as reported for Renoir Ct, that is upstream of this location. Pretreatment will follow up on color issue.
Keifer at Calabazas Creek, West side	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Low flow water in Creek	No	No		Catchment area has several Pump and Treat/NPDES permits that allow discharge to storm drain collection system. (e.g., Phillips, Nat. Semiconductor, Mohawk)
Central Expressway at Calabazas Creek (60" outfall)	Low	Absent	Absent	Low	Non-Detect	Trace-Low	Outfall under Central Expressway Bridge	No	No		Water from County pump stations managing spring flows along Central Expy discharge to storm drain system in this catchment.
Wildwood Ave at Calabazas - 60" outfall	Low	Absent	Absent	Non-Detect	Non-Detect	Non-Detect	Numerous mosquito-fish feeding in pool at base of outfall. Egret feeding on fish present.	No	No		Shallow groundwater in this catchment area.

Section 7
Provision C.7 – Public Information and Outreach

Appendix 7-1: C.7.b.iii.1 – Advertising Campaign Details and Examples

C.7.b.ii.1 ► Advertising Campaign

Run Date(s)	Outreach Media Used	Message	Creative Developed
Jul-Aug 2010	Utility Bill Insert	IPM	Advertising inserts were placed into utility bills and sent to approximately 30,000 account customers for each two-month mailing. Advertisement was titled: "Got Bugs?" and focused on finding IPM solutions inside and outside one's home as well as hiring landscape maintenance personnel trained in sustainable landscaping practices. Received phone calls from 5 residents requesting additional information.
Sept-Oct 2010	Utility Bill Insert	Mercury	Advertising insert was titled: "Keep Mercury Out of the Trash" and focused on proper disposal methods.
Sept-Oct 2010	Utility Bill Insert	Water Conservation	Advertising insert was titled: "In fall, it's easier to save 20 gallons a day" and focused on reducing irrigation times in the fall.
September 10, 2010	Sunnyvale Sun	Litter	Advertisement publicizing and inviting individuals to participate in the California Coastal Cleanup event.
September 10, 2010	Sunnyvale Sun	Mercury	Advertisement publicizing an upcoming Mercury Thermometer Exchange event.
Nov-Dec 2010	Utility Bill Insert	Mercury	Advertising insert was titled: "Recycling Batteries ..." and focused on how to recycle batteries curbside.
Mar-Apr 2011	Utility Bill Insert	Litter - storm drain pollution prevention	Advertising insert was titled: "Protect Our Waterways - Please Don't Litter" and focused on ways to reduce storm drain pollution.

Run Date(s)	Outreach Media Used	Message	Creative Developed
Mar - June 2011	Chamber Ad	Litter - storm drain pollution prevention	Advertising was placed in the map that is distributed to 5,000 members, new residents, and business prospects in Sunnyvale and is available to the general public from multiple distribution points throughout the city. Advertisement was titled: "Create a Less Toxic Environment and a Healthier Bay" and describes the difference between storm drains and sanitary sewer, and the sources of water pollution into storm drains.
April 1, 2011	Sunnyvale Sun	Litter	Advertisement publicizing and inviting individuals to participate in the Great American Litter Pick Up event.
April 8, 2011	Sunnyvale Sun	Litter	Advertisement publicizing and inviting individuals to participate in the Great American Litter Pick Up event.
April 11, 2011 - mid June 2011	VTA Buses	Litter - storm drain pollution prevention	Water pollution prevention advertisements were placed on the side of a minimum of 50 Valley Transportation Authority (VTA) buses that have routes in Sunnyvale. The advertisement focused on the importance of keeping litter out of storm drains and was titled: <i>"If it flows down the street ... it ends up in the creek"</i> .
April 15 - May 5, 2011	On-screen viewing at Mercado 20 and Cupertino 16 Theaters	IPM - Pests Bugging You?	Water pollution prevention advertising for on-screen viewing at the Mercado 20 and Cupertino 16 Theaters. The advertisement focused on IPM and reducing pesticide use.
May-June 2011	Utility Bill Insert	IPM	Advertising insert was titled: "Pests Bugging You?" and focused on finding IPM solutions in homes as well as hiring landscape maintenance personnel trained in sustainable landscaping practices.

Run Date(s)	Outreach Media Used	Message	Creative Developed
May-June 2011	Utility Bill Insert	Mercury & Vehicle Fluids	Advertising insert was titled: "Have Hazardous Waste in Your Home? Don't Trash It ..." and focused on proper disposal of household hazardous waste.
May 6, 2011	Sunnyvale Sun	IPM	Advertisement titled "Got Bugs?" focused on finding IPM solutions in homes as well as hiring landscape maintenance personnel trained in sustainable landscaping practices.
June 3, 2011	Sunnyvale Sun	IPM	Advertisement titled "Got Bugs?" focused on finding IPM solutions in homes as well as hiring landscape maintenance personnel trained in sustainable landscaping practices.

Advertising Campaign Examples



Bus Ad

Protect Our Waterways

.....
PLEASE DON'T LITTER
.....

Everyone wants to live in a clean and healthy environment, but litter often ends up in our streets and neighborhoods.

Besides being unsightly, litter can find its way into storm drains and pollute the waterways, and our environment. Here are ways you can help:



- Always dispose of trash in a proper receptacle.
- Carry a litter bag in your vehicle and never throw anything out the window.
- Pick up trash around your home and neighborhood by volunteering in local litter clean-up events.
- If hauling items in a vehicle, always cover your load with a tarp.

To learn how you can help prevent pollution or more about Sunnyvale's clean-up events, visit our website at WPCP.inSunnyvale.com or call Environmental Outreach at (408) 730-7717, TDD (408) 730-7501.

**Let's Keep Our Community Healthy,
Clean and Beautiful!**



March/April 2011 Printed on Recycled Paper

Utility Bill – Mar/Apr 2011

KEEP MERCURY OUT OF THE TRASH

Fluorescent lamps are an excellent choice to provide long-life performance and reduce energy consumption. Were you aware though that these products may contain a small amount of mercury, a toxic pollutant?

When mercury-containing products are disposed of improperly or break, this toxic pollutant can be transported by air or runoff from rain and deposited in our creeks and Bay. Help us in efforts to contain, reduce and eventually eliminate mercury in the environment.

HOW CAN YOU HELP?

- Never dispose of mercury-containing products in the sink, the trash, in storm drains or on the ground.
- Prevent pollution of our environment by recycling products containing mercury such as fluorescent bulbs, button batteries, thermometers, thermostats and some types of switches, relays and sensors.
- Sunnyvale residents can bring products containing mercury to the Sunnyvale SMaRT Station® during normal business hours.
- For other take-back options, visit the *A-Z Recycling Guide* at Recycling.inSunnyvale.com.



SUNNYVALE SMaRT® STATION

301 Carl Road, Sunnyvale • Hours: 8 a.m. - 5 p.m.
Everyday except Thanksgiving, Christmas and New Year's Day



For more information,
contact the Recycling Program
(408) 730-7262,
TDD (408) 730-7501, or visit
Recycling.inSunnyvale.com





**GOT
BUGS?**

Are you looking for less toxic options for controlling common household and garden pests?



Find out how to do it yourself or find a gardener who is trained in sustainable landscape maintenance practices by going to www.mywatershedwatch.org or by calling (408) 730-7717, TDD (408) 730-7501.



Watershed Watch
Protect Our Creeks And Bays



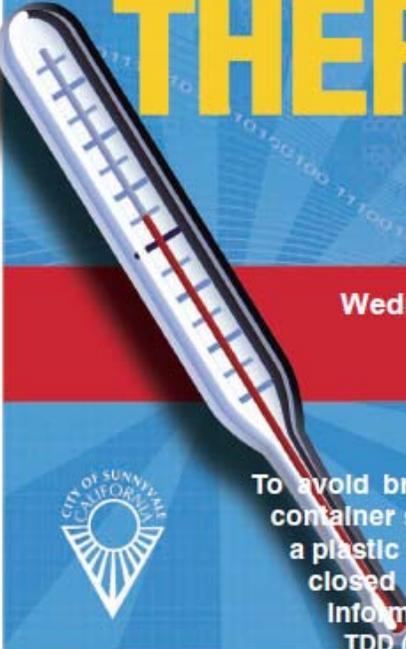
Santa Clara Valley Green Gardenet

5 SILICON VALLEY COMMUNITY NEWSPAPERS JUNE 3, 2011

Sunnyvale Sun Ad – June 3, 2011

Celebrate the Earth and help the environment!

MERCURY FEVER THERMOMETER EXCHANGE



**Wednesday, September 22 from 11 a.m. - 1:30 pm.
at the Sunnyvale Senior Center.**

 To avoid breakage, transport the thermometer in a closed container such as its original case, a toothbrush holder, or a plastic bottle with a screw-on cap. Additionally, place the closed container in a plastic zip-lock bag. For more information call Environmental Outreach at (408) 730-7738, TDD (408) 730-7501.

Sunnyvale Sun Ad – September 10, 2010

Create A Less Toxic Environment and Healthier Bay

You may live miles from the San Francisco Bay and still be polluting its waters

SEWERS — carry wastewater from homes and businesses to the Water Pollution Control Plant for treatment before being released to the Bay.

STORM DRAINS — carry water draining from lawns, gardens and sidewalks. This water collects contaminants such as pesticides, fertilizers, automotive fluids, pet waste and other debris, and carries them to the storm drain system where water flows untreated to our local creeks and Bay. These contaminants may harm fish and other aquatic life. Polluted stormwater is a significant source of water pollution.



**NO DUMPING!!
FLOWS TO BAY**

TO LEARN MORE ABOUT HOW YOU CAN HELP PREVENT WATER POLLUTION,
visit wpcp.inSunnyvale.com
or call Environmental Outreach at
(408) 730-7717, TDD (408) 730-7501.



Chamber Map Ad

Section 7
Provision C.7 – Public Information and Outreach

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

C.7.c ► Media Relations

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
COMMUNITY OUTREACH		
Quarterly Report		
Print: Sunnyvale Quarterly Report The Quarterly Report is mailed to approx. 60,000 residents and businesses in Sunnyvale each every three months. In addition, 2,000 copies of the report are distributed to reception and outreach areas around Sunnyvale.	Summer 2010	(Litter) Great American Litter Pick-Up Wrap Up: Article on outcome of event
	Summer 2010	(Mercury disposal) It's SMaRT to Recycle This Summer: Article on curbside recycling.
	Summer 2010	(Stormwater pollution prevention - reporting) Keeping Our Creeks and the Bay Clean: Info on how to report spills and dumping and informing public that Sunnyvale prohibits the discharge of anything other than rainwater.
	Summer 2010	(Water conservation) Water Wise (Dollar Wise!) Landscaping Series Returns to Sunnyvale: Info on upcoming series of classes being offered in Sunnyvale.
	Summer 2010	(Yard waste) Summer Compost Series: Info on how to keep organic waste out of the garbage and on upcoming classes being offered in Sunnyvale.
	Fall 2010	(Litter / storm drain protection) Protecting California's Waterways: Article on how runoff affects California's waterways and ways to protect them.
	Fall 2010	(Water conservation) Reduce Your Use: Article on water use and reminding individuals that it is time to adjust watering schedules.
	Winter 2011	(Water Conservation) Back by Popular Demand - Landscape Education Series Returns to Sunnyvale: Article on upcoming series.
	Winter 2011	(Litter) Coastal: Wrap up article on outcome of California Coastal Cleanup Day event in Sunnyvale
	Spring 2011	(IPM / Pesticides) It's That Time of Year - Dealing With Weeds: Article on dealing with weeds. Mentions that we recommend non-chemical strategies.
	Spring 2011	(IPM / Pesticides) Is Your Gardener Green?: Article on the Green Gardener program, how they are green and how to hire one.
	Spring 2011	(Water Conservation) Free Landscape Education Series Includes Most Frequently Requested Topics: Article on the upcoming classes being offered this Spring.
	Spring 2011	(Litter) Cleanup Events: Article on upcoming clean up events and how to participate.

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
COMMUNITY OUTREACH (cont)		
<i>Sustainable Sunnyvale</i>		
<p>Electronic Newsletter: Sustainable Sunnyvale The Sustainable Sunnyvale is an e-mail subscription newsletter that was introduced in 2010. Starting in 2011, we went to bi-monthly publications. The newsletter covers a variety of sustainable topics.</p>	Aug-10	(Water Conservation / Pesticides) Native Plant Makeover: Article on landscape refurbishment project at the SMaRT Station.
	Aug-10	(IPM) Santa Clara Valley Green Gardener Training: Article on program and upcoming classes being offered.
	Aug-10	(Litter) Coastal Cleanup Day: Invitation to participate in the event.
	Nov-10	(Water Conservation) Time to Adjust Your Irrigation Schedule: Article on reducing your watering times in the Fall.
	Nov-10	(Water Conservation) Free Landscape Education Classes Offered: Article on the upcoming classes being offered this Spring.
	Nov-10	(Stormwater pollution prevention) Prevent Water Pollution: Even if live: Article on how to prevent pollution from stormwater runoff.
	Feb-11	(Water Conservation) Edible Landscapes Classes: Article on upcoming classes related to water efficient edibles.
	Feb-11	(Litter) Give Back to the Community and Help Clean Up the Local Waterways: Article inviting the readers to participate in the upcoming cleanup events.
	Apr-11	(IPM) It's Gardening Time: Article on how to incorporate IPM for controlling household and garden pests.
	Apr-11	(Pollution Prevention) Earth Day April 22: Article on how to do your part in preventing pollution.
	Apr-11	(Litter) National River Cleanup Day: Invitation to participate in the event.
	Jun-11	(Litter) Sunnyvale's Great American Litter Pickup Was a Success!: Results of our event.
Jun-11	(Water Conservation) Learn Energy and Water Saving Tips in a Free Do-It-Yourself Workshop: Invitation to the upcoming Acterra workshop.	
<i>Beyond the Badge</i>		
<p>Electronic Newsletter: Beyond the Badge Beyond the Badge is a monthly e-mail subscription newsletter from Sunnyvale's Department of Public Safety. This is a new outreach opportunity that we used to reach Sunnyvale residents.</p>	Aug-10	(Mercury / Pharmaceuticals) Mercury Thermometer Exchange and MedDrop Pharmaceutical Disposal Event: Information on upcoming event.

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
COMMUNITY OUTREACH (cont)		
<i>Beyond the Badge (cont)</i>		
	Sep-10	(Mercury / Pharmaceuticals) Mercury Thermometer Exchange and MedDrop Pharmaceutical Disposal Event: Information on upcoming event.
	Oct-10	(Mercury/Pharmaceuticals) Medications Disposal with the MedDrop Program: Results of the Mercury Thermometer Exchange and MedDrop Pharmaceutical Disposal Event.
<i>Sunnyvale ReNews</i>		
<p>Print: Sunnyvale ReNews This newsletter was mailed quarterly to approximately 29,000 single family residents and 24,000 residents living in multi-family units. Starting in the Spring on 2011, it is now a supplemental insert to the Quarterly Report. Copies are also available in key locations throughout the city.</p>	Summer 2010	(Yard Waste) Summer Compost Workshops: Article on upcoming workshops and how to attend.
	Summer 2010	(HHW / Mercury, Motor Oil, Yard Waste) Recycling at Home - What Can Be Recycled: Article on how to dispose of household hazardous waste, including mercury and other items.
	Fall 2010	(Yard Waste/Batteries/Motor Oil) Reduce Waste and Garbage Costs: Article on how to reduce your garbage bill by proper disposal of wastes and other waste options.
	Fall 2010	(Stormwater Pollution Prevention) Fall Tips to Keep Our Bay Clean: Article on how to keep our waterways and storm drains clean.
	Fall 2010	(IPM / Pesticides) Bay Friendly Gardening: Article on upcoming classes.
	Fall 2010	(Mercury) Be SMART, Recycle ... Article on proper disposal of items containing mercury and other items.
	Winter 2010	(Stormwater Pollution Prevention) Safely Dispose of Holiday Cooking Oil: Article on proper disposal of cooking oil. Mentions not poring down storm drains.
	Winter 2010	(Mercury Disposal) Charge! Remember the Batteries: Article on using and disposing of rechargeable batteries.
	Winter 2010	(Mercury Disposal and Stormwater Pollution Prevention) Recycling at Home - What Can Be Recycles: Article on what can be recycled at home mentions fluorescent tubes and bulbs, batteries and automotive products
	Spring 2011	(HHW / Mercury, Motor Oil, Yard Waste) Dispose of HHW Safely: Article on proper disposal of household hazardous waste, including mercury and other items. Includes information on upcoming HHW drop-off events.

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
COMMUNITY OUTREACH (cont)		
Sunnyvale ReNews (cont)		
	Spring 2011	(Mercury Disposal and Stormwater Pollution Prevention) SMaRT Station Services: Article on what can be taken to the SMaRT Station - mentions fluorescent tubes and bulbs, batteries and automotive products
Sunnyvale Community eNews		
E-Mail: Sunnyvale Community/ Neighborhood Association eNews E-mail These emails were sent to approximately 220 community members.	Aug-10	(Mercury) Thermometer Exchange: information on upcoming event and how to participate
	Aug-10	(IPM) Santa Clara Valley Green Gardener Training: Article on program and upcoming classes being offered.
	Sep-10	(Litter) Coastal Cleanup Day: information on upcoming event and how to participate
	Nov-10	(Pollution Prevention / IPM) Environmental Outreach Speakers' Bureau: Information on our bureau and how to sign-up for a talk at upcoming meetings.
	Apr-11	(Litter) Great American Litter Pick-Up: Information on upcoming event and how to participate.
Neighborhood Association Leads		
E-Mail: Sunnyvale Neighborhood Association Leads These emails were sent to approximately 22 community members.	Jun-11	(Pollution Prevention / IPM) Outreach Opportunities for Neighborhood Associations: Information on speaker topics and activities available to the associations.
Flyers / Posters		
Print: Flyers / Posters Placed at various key locations throughout the city promoting upcoming events event. **Any person living, working, going to school in Sunnyvale who used the library, community center, senior center or city hall could view the posters.	Aug - Sep 2010	(Mercury / Pharmaceutical Disposal) Thermometer Exchange / MedDrop: Information on upcoming event and how to participate
	Aug - Sep 2010	(IPM) Santa Clara Valley Green Gardener Training: Info on upcoming program and how to participate.
	Sep-10	(Litter) Coastal Cleanup Day: Information on upcoming event and how to participate
	Mar - Apr 2011	(Litter) Great American Litter Pick Up: Information on upcoming event and how to participate
	Apr - May 2011	(Litter) National River Cleanup Day: Information on upcoming event and how to participate
Senior Center Kiosk		
Sunnyvale Senior Center Kiosk Items are replenished as needed	Jul-10 - present	(IPM and Stormwater Pollution Prevention) Various IPM, Water Conservation and Pollution Prevention flyers and brochures are made available to the public.

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
COMMUNITY OUTREACH (cont)		
Sunnyvale Activity Guide (Older Adults Section)		
Print and Online The activity guide is mailed to both residents and non-residents that have attended classes and/or have an account. In addition, copies are distributed to reception and outreach areas	Nov-10 to Feb-11	(Pollution Prevention) Be the Solution to Water Pollution: How incorporating small changes in daily routine can aide in preventing pollution. Invitation to upcoming lecture.
	May-11 - present	(IPM and Stormwater Pollution Prevention) Exploration of Your Watershed: Invitation to upcoming lecture that focuses on
Community Cable TV - KSUN		
Community Cable TV: KSUN Messages are developed and advertised on KSUN reaches approximately 20,000 Sunnyvale residents with cable TV.	Aug - Sep 2010	(Litter) Coastal Cleanup Day: Information on upcoming event and how to participate.
	Aug - Sep 2010	(Mercury Disposal) Mercury Thermometer Exchange: information on upcoming event.
	September 20-26, 2010	(Stormwater Pollution Prevention) P2 Week: Pollution Prevention Tip #1: Focused on keeping auto fluids out of streets.
	September 20-26, 2010	(Stormwater Pollution Prevention) P2 Week: Pollution Prevention Tip #2: Focused on not draining pools or spas into storm drains.
	September 20-26, 2010	(Mercury Disposal) P2 Week: Pollution Prevention Tip #3: Focused on proper disposal of mercury-containing products.
	September 20-26, 2010	(Stormwater Pollution Prevention) P2 Week: Pollution Prevention Tip #4: Focused on IPM
	September 20-26, 2010	(Stormwater Pollution Prevention) P2 Week: Pollution Prevention Tip #5: Focused on car washing.
	September 20-26, 2010	(Stormwater Pollution Prevention / Yard Waste) P2 Week: Pollution Prevention Tip #6: Focused on yard waste (keeping out of storm drains / composting / yard cart).
	Mar - Apr 2011	(Litter) Great American Litter Pickup Event: Information on upcoming event and how to participate.
Apr - May 2011	(Litter) National River Cleanup Day: Information on upcoming event and how to participate.	
Library Electronic Bulletin Board		
Electronic Display Board Messages are developed and advertised on electronic bulletin board in Library near where items are checked out. This is a new outreach opportunity that we used to reach Sunnyvale residents. *Any person living, working, going to school in Sunnyvale who used the library could view the bulletin board.	Sep-10	(Litter) Coastal Cleanup Day: Information on upcoming event and how to participate.
	Sep-10	(Mercury Disposal) Mercury Thermometer Exchange: information on upcoming event.
	Sep-10	(IPM) Santa Clara Valley Green Gardener Training: Info on upcoming program and how to participate.
	Mar - Apr 2011	(Litter) Great American Litter Pickup Event: Information on upcoming event and how to participate.
	Apr - May 2011	(Litter) National River Cleanup Day: Information on

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
COMMUNITY OUTREACH (cont)		
Department of Public Safety (DPS) Electronic Bulletin Board		
Electronic Display Board Messages are developed and advertised on electronic bulletin board in DPS in waiting area. This is a new outreach opportunity that we used to reach Sunnyvale residents. *Any person who visited DPS could view the bulletin board.	Sep-10	(Litter) Coastal Cleanup Day: Information on
	Sep-10	(Mercury Disposal) Mercury Thermometer Exchange: information on upcoming event.
	Sep-10	(IPM) Santa Clara Valley Green Gardener Training: Info on upcoming program and how to participate.
	Mar - Apr 2011	(Litter) Great American Litter Pickup Event: Information on upcoming event and how to participate.
	Apr - May 2011	(Litter) National River Cleanup Day: Information on upcoming event and how to participate.
City of Sunnyvale Community Calendar		
Online: City of Sunnyvale Community Calendar http://sunnyvale.ca.gov/IntheCommunity/CommunityEvents.aspx	Aug - Sep 2010	(Litter) Coastal Cleanup Day: Information on upcoming event and how to participate.
	Aug - Sep 2010	(Mercury Disposal) Mercury Thermometer Exchange: information on upcoming event.
	Mar - Apr 2011	(Litter) Great American Litter Pickup Event: Information on upcoming event and how to participate.
	Apr - May 2011	(Litter) National River Cleanup Day: Information on upcoming event and how to participate.
Yahoo! Groups		
Online: Yahoo! Groups Posting Sunnyvale Cool City Group is a group of Sunnyvale, CA residents and friends organized to act to reduce the emissions of greenhouse gases in their community. In addition, they focus on various other green activities / events.	Aug - Sep 2010	(IPM) Santa Clara Valley Green Gardener
	Sep-10	(Litter) Coastal Cleanup Day: Information on upcoming event and how to participate.
	Sep-10	(Mercury Disposal) Mercury Thermometer Exchange: information on upcoming event.
	Mar - Apr 2011	(Litter) Great American Litter Pickup Event: Information on upcoming event and how to participate.
	Apr - May 2011	(Litter) National River Cleanup Day: Information on upcoming event and how to participate.
Yahoo! Upcoming Events Calendar		
Online: Yahoo! Upcoming Events Calendar http://upcoming.yahoo.com/	Aug - Sep 2010	(IPM) Santa Clara Valley Green Gardener Training: Info on upcoming program and how to participate.
	Sep-10	(Litter) Coastal Cleanup Day: Information on upcoming event and how to participate.
	Sep-10	(Mercury Disposal) Mercury Thermometer Exchange: information on upcoming event.
	Mar - Apr 2011	(Litter) Great American Litter Pickup Event: Information on upcoming event and how to participate.
	Apr - May 2011	(Litter) National River Cleanup Day: Information on upcoming event and how to participate.

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
COMMUNITY OUTREACH (cont)		
Mercury News Upcoming Events		
Online: San Jose Mercury News Upcoming Events Calendar http://events.mercurynews.com/	Aug - Sep 2010	(IPM) Santa Clara Valley Green Gardener Training: Info on upcoming program and how to participate.
	Sep-10	(Litter) Coastal Cleanup Day: Information on upcoming event and how to participate.
	Sep-10	(Mercury Disposal) Mercury Thermometer Exchange: information on upcoming event.
	Mar - Apr 2011	(Litter) Great American Litter Pickup Event: Information on upcoming event and how to participate.
	Apr - May 2011	(Litter) National River Cleanup Day: Information on upcoming event and how to participate.
Public Service Announcement		
Radio / Online: KRTY / KLIV Heard on radio and noted that also listed online.	Apr-11	(Litter) Great American Litter Pickup Event: Information on upcoming event and how to participate.
Twitter		
Online / Mobile: City of Sunnyvale and/or Recycling Twitter Account(s)	Posted Aug-2010	(IPM) Santa Clara Valley Green Gardener Training: Info on upcoming program and how to participate.
	Posted Sept 2010	(Mercury Disposal) Mercury Thermometer Exchange: information on upcoming event.
	Posted Sept 2010	(Litter) Coastal Cleanup Day: Information on upcoming event and how to participate.
	Posted Sept 2010	(Water Conservation): Sustainable gardening techniques link
	Posted Sept 2010	(Mercury Disposal) Proper disposal of batteries and bulbs.
	Posted Sept 2010	(Stormwater Pollution Prevention / Yard Waste) Keeping yard waste out of storm drains and proper disposal.
	Posted May 10, 2010	(Litter) National River Cleanup Day: information on upcoming event and how to participate
Watershed Watch Webpage		
Online: Watershed Watch Upcoming Webpage http://www.mywatershedwatch.org/events.html	Sep-10	(Mercury Disposal) Mercury Thermometer Exchange: information on upcoming event.

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
COMMUNITY OUTREACH (cont)		
Web Pages		
Online: City of Sunnyvale Web Pages	Updated periodically	(Stormwater pollution prevention and proper waste disposal options) Various pollution prevention messaging on three different web sites in the City as well as on green.insunnyvale.com. * The Solid Waste and Recycling website provides HHW information regarding proper disposal of pesticides, fertilizers, and mercury containing products. * The Water Pollution Control Plant Pretreatment section includes specific business related BMPs for painting, concrete, facility, equipment, cleaning, and vehicle maintenance. * The Water Pollution Control Plant site also includes extensive water pollution prevention information and upcoming event information.
BUSINESS OUTREACH		
Business Recycling Solutions		
Print / Online: Business Newsletter This quarterly newsletter goes out to businesses in Sunnyvale either electronically or print. In addition, others can sign up to receive it electronically.	Summer 2010	(HW / Mercury) Recycle It! - Article on how to dispose of hazardous waste, including mercury and other items.
	Winter 2011	(Litter) Great American Litter Pickup Event: Information on upcoming event and how to participate.
Business eNews		
E-Mail: Business E-mail Blast This e-mail blast goes out to businesses in Sunnyvale that have opted to receive messages from the Recycling division.	Aug-10	(IPM) : Is Your Gardener a Green Gardener: Info on Santa Clara Valley Green Gardener Training program and how to hire a gardener and/or have yours participate in the upcoming program.
EMPLOYEE OUTREACH		
Harbinger		
Online: The Harbinger Newsletter A newsletter for employees of the city of Sunnyvale that reaches approximately 900 municipal employees.	Jul - Aug 2011	(Litter) Volunteers in Sunnyvale are the Greatest!: Wrap up article on Great American Litter Pickup and National River Cleanup Day events.
	Sep - Oct 2010	(Litter) Coastal Cleanup Day: Information on upcoming event and how to participate.
	Sep - Oct 2010	(IPM) Did You Know ...?: Information on Sunnyvale's IPM policy and what it means to the employee.
	Sep - Oct 2010	(Mercury Disposal) Mercury Fever Thermometer Exchange: Information on upcoming event and how to participate.

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
EMPLOYEE OUTREACH (cont)		
Harbinger (cont)		
	Nov - Dec 2010	(Litter) Coastal Cleanup Day Wrap-Up: Wrap-up article on the Coastal Cleanup Day event.
	Mar - Apr 2011	(Litter) Help Keep Sunnyvale Clean: Article inviting employees and their family/friends to participate in the upcoming cleanup events happening in April and May.
	Mar - Apr 2011	(Mercury Disposal) How to Clean Up a Broken Fluorescent Bulb: Article on how to clean up a broken fluorescent bulb and how to properly dispose of HHW.
Poop Scoop		
Print: The Poop Scoop A newsletter for employees at the Water Pollution Control Plant that reaches approximately 65 employees.	Sep-10	(Pollution Prevention) National Pollution Prevention (P2) Week: Article describing P2 week. Includes information on P2 efforts employees can take to reduce pollution. Topics include: lawn and garden, automobiles, litter and HHW.
Flyers / Posters		
Print: Flyers / Posters Placed in various staff break rooms (City Hall, DPS, Corp Yard, Senior Center, NOVA, WPCP, etc ...)	Aug - Sep 2010	(Litter) Coastal Cleanup Day: Information on upcoming event and how to participate
	Mar - Apr 2011	(Litter) Great American Litter Pickup: Information on upcoming event and how to participate
	Apr - May 2011	(Litter) National River Cleanup Day: Information on upcoming event and how to participate
Sunnyvale Staff E-Mail		
E-Mail : Sent to all City of Sunnyvale employees	September 20, 2010	(Stormwater Pollution Prevention / Litter) Pollution Prevention Week - September 20-26, 2010: In celebration of P2 week, sending daily pollution prevention tips. Monday's tip focused on only rain down the drain and inviting staff to participate in Coastal Cleanup Day.
	September 21, 2010	(IPM) Pollution Prevention Week - Tuesday's Tip: Today's message focused on using IPM practices to conserve water and to avoid pollution into storm drains.
	September 22, 2010	(Mercury) Pollution Prevention Week - Wednesday's Tip: Today's message focused on using proper disposal of mercury-containing items (bulbs, batteries, etc ...)
	September 23, 2010	(Yard Waste) Pollution Prevention Week - Thursday's Tip: Today's message focused on proper disposal of yard waste as well as alternatives (composting).
	September 24, 2010	(Pharmaceuticals) Pollution Prevention Week - Friday's Tip: Today's message focused on proper disposal of pharmaceuticals.
	March 11, 2010	(Mercury disposal) Proper Disposal of Mercury-Containing Products: information on proper disposal and why.

Medium (TV, radio, print, online)	Date of Publication / Broadcast	Topic / Content of Pitch
EMPLOYEE OUTREACH (cont)		
Sunnyvale Staff E-Mail (cont)		
	January 7, 2011	(Pesticides) Have the Ants Come Marching In: Information on controlling ants with less-toxic alternatives and reminding employees about the IPM policy.
	April 8, 2011	(Triclosan) Keep Clean WITHOUT Antibacterial Products: Information on Triclosan and alternatives.
	April 22, 2011	(Pollution Prevention) Make Every Day Earth Day!: Options one can choice to help make every day Earth Day. Actions include: using less water, using less-toxic pesticides, not littering and more.
REGIONAL OUTREACH		
Print: Hand Out: used at various outreach venues	Dec 2009 - present	(Stormwater pollution prevention - pesticides and other pollutants) Soak It Up Hand Out Developed: Watershed-friendly techniques for your yard and garden.

Media Relations Examples

IS YOUR GARDENER GREEN?

The perfect landscape is functional. It provides beauty and offers a place for relaxation and play. And, if done right, it is sustainable and efficient.

Creating and maintaining a landscape such as this requires knowledge and training. The Santa Clara Valley Green Gardener Program trains individuals to use sustainable landscaping practices.

What is the Santa Clara Valley Green Gardener Program?

The program is designed for landscape maintenance workers, landscape contractors and professional gardeners in the Santa Clara Valley area, and provides training on the key principles of sustainable landscaping. These include soil improvement practices, using the right plants in the right places, proper pruning, irrigation management and water conservation, and use of less toxic options for pest control and appropriate fertilizer application. These practices promote the reduction of urban runoff and pollutants such as fertilizer and pesticide that may be carried in runoff, decrease the amount of green waste generated, and add to the overall sustainability of residential and commercial landscapes.

The Santa Clara Valley Green Gardener Program has been training landscapers and maintenance workers since 2008. Sponsored by the Santa Clara Valley Urban Runoff Pollution Prevention Program and the City of Sunnyvale, classes are available in both English and Spanish. Each participant must successfully complete 20 hours of training over a 10-week period and pass a final exam to receive a certificate of completion.

To assist you in hiring a Green Gardener for your landscape maintenance needs, the names and business contact information of more than 65 individuals who have successfully completed the program can be found at: mywatersbed-watch.org/findgardener.html.

Starting this September, additional certification classes will be held through the Sunnyvale-Cupertino Adult Community Education (ACE) Program. To receive notification of upcoming Green Gardener classes, call the Santa Clara Valley Urban Runoff Pollution Prevention Program in Sunnyvale at (408) 720-8811, ext. 2, and speak with Miranda, or call Environmental Outreach at (408) 730-7717, TDD (408) 730-7501. ☎

IT'S THAT TIME OF YEAR: DEALING WITH WEEDS

With winter rains come weeds, which, in addition to being unsightly, are prohibited by City code. The Sunnyvale Municipal Code prohibits weeds on any property as well as on the landscaping strip between the sidewalk and curb, also known as the park strip.

Weeds can be very serious pests. When these plants are introduced into natural areas, they overwhelm native vegetation and degrade the environment for wildlife and residents alike. Weeds include clovers, dandelions, bluegrass and foxtails and must be removed before they flower, produce new leaves or go to seed.

The City encourages non-chemical strategies for controlling weeds, including hand weeding, mulching, competitive planting and mowing.

In addition to weeds, the winter rain may cause plants and trees in your front yard and park strip to grow over the sidewalk or street.

The Sunnyvale Municipal Code prohibits any type of vegetation from obstructing pedestrian travel or vehicular traffic. Any overgrown vegetation must be trimmed to the edge of the sidewalk or curb. Low-hanging trees limbs need to be trimmed to at least seven feet above the sidewalk, and 13½ feet above the street. Many residential homes have City trees in the front yard and park strip. Call Public Works at (408) 730-7505 prior to trimming an overgrown City tree.

Weeds and overgrown vegetation are considered a public nuisance. It is the property owner's responsibility to remove weeds and cut back overgrown vegetation from their property. If property owners fail to remove weeds or prune overgrown vegetation, the City may issue administrative citations until compliance is met.

For additional information or to report a possible violation, contact Neighborhood Preservation at (408) 730-7610, TDD (408) 730-7501, or e-mail np@ci.sunnyvale.ca.us. ☎





HarbingerOnline
THE EMPLOYEE NEWSLETTER FOR THE CITY OF SUNNYVALE



Volume 31

September/October 2010

Issue 5

Did you know...?

The City of Sunnyvale has an Integrated Pest Management Policy (IPM) for City owned facilities and any contractors who do work for the City.

In order to comply with the City's National Pollutant Discharge Elimination System Stormwater Discharge Permit from the San Francisco Bay Regional Water Quality Control Board, the policy was recently revised. Sunnyvale, along with the other Bay Area cities and counties must put into practice an IPM policy to help reduce the impacts pesticides have on urban creeks and waterways.

What does this mean to you?

Unless you are trained, certified, or licensed as a pesticide applicator by state agencies, or work under the direct supervision of trained staff to apply pesticides as a normal part of your job duties, do not apply pesticides in or around your work place.

Over-the-counter pesticides that may be purchased locally or brought in from home may be of concern (as listed in the permit). If insect pests are causing problems in your work area, contact Facilities Services at ext. 7761 to arrange for a pest management contractor to address the problem. If the problem occurs in an outdoor area, contact the Parks Division at ext. 7506.

If your job duties include contracting for pest control activities, make sure that you include specifications in your scope of work that require potential contractors to follow the City's IPM policy when selecting or applying any pesticides on City property.

Want to know more?

For further information on the City's IPM policy, refer to the following sources:

Administrative Policy Manual, Chapter 6: Article 12 for specific details -

http://jasmine/policies/adminpolicy/chapter_6/6-12.htm.

Description of the IPM program (flyer) - <http://jasmine/ipm-policy.pdf>

For information about the IPM Policy, contact Environmental Outreach at ext. 7717.

Help prevent pollution and protect the environmental integrity of our local water resources by following the City's IPM policy.

Harbinger – September/October 2010 Article



November Issue 2010

Prevent Water Pollution Even if You Live Miles from Local Creeks and the Bay



You may live miles from the San Francisco Bay and still be polluting its water. How? Via storm drains carrying irrigation and storm water run-off from lawns, driveways, and sidewalks. This

water collects contaminants such as pesticides, fertilizers, automotive fluids, pet waste, litter and other debris, and carries them to the storm drain collection system where the water flows untreated to our local creeks and Bay. These contaminants may harm fish and other aquatic life.

To learn more about how you can prevent water pollution, visit Wpcp.inSunnyvale.com and click on *Water Pollution Prevention*.

Sustainable Sunnyvale – November 2010 Article



single family edition | **fall 2010**



sunnyvale**renews**

Fall Tips to Keep Our Bay Clean

As the fall leaves start coming down and we prepare for the rainy season, it is important to remember a few tips that will help keep our waterways and storm drains clean:

- Sweep up leaves, branches and other yard trimmings and place them in your yard trimmings cart or compost bin, not the street or storm drain.
- Debris or garbage should be cleaned up and placed in your garbage cart or your backyard compost bin.
- If you have more yard trimmings than will fit in your cart, place the extra in a 32-gallon garbage can labeled "yard trimmings" and it will be collected on your collection day.

Sunnyvale renews– Fall 2010 Article

FY 2010-2011 Annual Report
Permittee Name: City of Sunnyvale

Jacqueline Besoyan - Have the Ants Come Marching In

From: Jacqueline Besoyan
To: Besoyan, Jacqueline
Date: 1/7/2011 6:04 AM
Subject: Have the Ants Come Marching In

This message is best viewed in full screen mode.



Have the Ants Come Marching In?

Has the local ant colony invaded your office or break room this winter demanding food and shelter? Before you reach for that can of over-the-counter pesticide to combat them, remember that the City has an Integrated Pest Management Policy for all its employees. The policy asks that we use less-toxic pest control methods and leave the use of applying pesticides to specially trained city staff or contractors. A copy of this policy can be found at <http://jasmine/ipm-policy.pdf>.

Meanwhile, back at the battlefield, try using the following less-toxic methods to prevent invasions and stop the invaders without doing harm to yourself or the environment.

Take Initial Steps:

Make your office less inviting by keeping desktops wiped clean. Also clean behind monitors, files and books. Wipe down sticky spots and clean up crumbs. Try to avoid eating in your office.

Quick Fixes for Ant Emergencies:

- Don't remove the food or water source they want until you have started the clean-up process. If you do, they will scatter and it will be more difficult to clean up.
- Use a vacuum to clean up lines of ants, or spray the ants with soapy water and wipe them up with a sponge. The soapy water will wash away the chemical trail that other ants follow.
- If possible, temporarily block their entryway using a smear of petroleum jelly or a piece of tape.
- If you can't find the exact entry point, clean up the ants the best you can to the area where you think they are coming from

If you continue to have ant or other insect or rodent problems, contact Facilities Management at x7751 to arrange for a pest control contractor to apply the appropriate control measures.

Common household pesticides, which are used inside and outside, have shown up in wastewater and stormwater runoff that flows to our local creeks and San Francisco Bay. Let's do our part as Sunnyvale employees to protect water quality for wildlife habitats and ourselves by controlling pests the least toxic way possible.

For more information about less toxic options for controlling pests in the workplace or at home, contact Environmental Outreach at x7717.



(Please note: this message is being sent to all City e-mail addresses. Please post for those staff who does not receive e-mail.)

E-mail Sent to City Staff – January 2011

Pollution Prevention Tip:

Prevent soapy water from flowing into the storm drain by going to a car wash or washing your car on the lawn.



LEARN HOW AT
WPCRINSUNNYVALE.COM

**NATIONAL POLLUTION
PREVENTION WEEK
SEPTEMBER 20 - 26**

KSUN Community TV - Pollution Prevention Tip (P2 Week)

A poster for a mercury thermometer exchange event. The background is a textured blue. The word "MERCURY" is written in large, metallic, 3D letters. Below it, "thermometer exchange" is written in a smaller, white, sans-serif font. The date "September 22" is in a large blue font, followed by "11 a.m - 1:30 p.m." in a smaller white font. Below that, "Sunnyvale Senior Center" is written in white. At the bottom, a white banner contains the text "Visit Green.inSunnyvale.com for more information." A small image of a broken thermometer is in the top right corner.

MERCURY
thermometer exchange

September 22 11 a.m - 1:30 p.m.
Sunnyvale Senior Center

Visit Green.inSunnyvale.com for more information.

KSUN Community TV - Mercury Thermometer Exchange

don't let **LITTER**
trash your community!

Sign Up,
Pick Up and
Clean Up
Your Community!

Great American Litter

PICK UP



Saturday, April 16, 2011

All youth under 18 need supervision & transportation to get to clean-up sites.

Clean-up: 9:00 a.m. - noon

For more information or to sign up call: (408) 730-7717 or e-mail wpcp@ci.sunnyvale.ca.us

Sunnyvale sites include: Fair Oaks and Raynor Parks, part of the John W. Christian Greenbelt and the Columbia Neighborhood Center.



Section 7
Provision C.7 – Public Information and Outreach

**Appendix 7-3: C.7.h – School-Age Children Outreach Table
and
Evaluation Summary**

C.7.h ► School-Age Children Outreach

Program Details	Focus & Short Description	Number of Students/Teachers Reached	Evaluation of Effectiveness
<p>Sunnyvale Parks Summer Camp Students Ages 3-5 July 30, 2010 Two Camps (Serra & Las Palmas Parks)</p>	<p>This is a joint presentation between Solid Waste and Environmental Division staff titled "Pollution Solutions" and focused on water pollution prevention and recycling.</p>	<p>Approximately 40 children and 8 adults attended the two sessions</p>	<p>Presentation was well received by all. Will work on a new program for ages 3/4 for FY 11-12. Camp supervisors requested the program return next year..</p>
<p>Community Kidz Camp - Spring Break Session Ages 7-12, broken into two sessions of ages 7-9 and 10-12 April 18, 19 & 22, 2011</p>	<p>Day Camp is sponsored by the City during the spring school break. Through fun games and activities, camp participants learn about living a healthy lifestyle and how they can contribute to the welfare of the community they live in.</p> <ul style="list-style-type: none"> • Day 1 presentations focused on the difference between sanitary sewers and storm drains, leading to information about water pollution prevention. This was done through participation in a discussion and an Enviroscope demonstration. • Day 2 focused on a litter pick-up activity, a discussion on what litter was found, and playing the bean bag game to identify proper disposal for HHW, trash items, and stormwater ("Only rain in the drain"). • On the last day, staff reviewed what was discussed previously. The campers decorated reusable plain canvas bags and colored posters to show what they had learned related to conservation, litter, and sustainability actions. 	<p>48 campers 10-12 camp instructors / volunteers</p>	<p>The camp learning activities went well. Day 2 reinforced the message that they can make a difference and many were adamant about collecting trash observed in gutters near the storm drains in order to protect our waterways. Campers participated in a mock City Council meeting on Day 3, and were asked to voice some important issues that were of concern to them. All of the youngsters who came to the podium asked the Mayor about adding more recycling/garbage pick-ups, doing more to help residents of Sunnyvale recycle, or trying to reduce or eliminate plastic bags in the City. Our activities were requested to become a permanent part of the camp curriculum.</p>

Program Details	Focus & Short Description	Number of Students/Teachers Reached	Evaluation of Effectiveness
<p>Sunnyvale Earth Day Poster Contest Award Ceremony Contest was open to all schools in Sunnyvale April 26, 2011</p>	<p>A joint venture between Solid Waste and WPCP staff. Sunnyvale hosted it's first annual Earth Day Poster Contest. The theme was Choosing a Sustainable Future. Participants were asked to create a poster on one of the following sustainable topics: Reduce, Reuse, Recycle, Water Pollution Prevention or Water Conservation. Six group and or individual winning posters were chosen from grades K-8. Winners were recognized during the City Council meeting and afterwards were invited, along with their family and friends to attend an ice cream social where they received a sweet treat and were awarded their first-place ribbons. Every individual that submitted a poster received a Certificate of Appreciation.</p>	<p>Received entries from over 425 students from 16 schools located in Sunnyvale. Approximately, 60 individuals (family, friends and winners) attended the Council Meeting and Ice Cream Social.</p>	<p>Very well received. Parents appreciated the effort put in and were impressed of the quality and knowledge of the winning posters. The overwhelming response of participants sent a clear message that the youth are well-informed and eager to share their ideas about a sustainable future.</p>
<p>Sunnyvale Library Presentation Ages 3-5 April 28, 2011</p>	<p>A cooperative event between Environmental Outreach and Library staff. Program included the "Who Dirtied the Bay" visual story/presentation. A large fish bowl is filled with clean water and as a story about the Bay Area is told. As the story progresses, various pollutants are dumped into the water. This shows how every day activities can "dirty" the water. In addition, a quick book about water was read, two water related songs were sung and the youth participants made a mobile that they could take home showing items on and around the Bay.</p>	<p>Approximately 52 children and 42 adults attended.</p>	<p>Very well received by all in attendance. Both the youth and the parents participated in verbal responses when asked "Who Dirtied the Bay?" Several parents came up to ask questions while their children created the craft project and others stopped by on their way out to express their thanks and mentioned that they learned new things as well.</p>

Program Details	Focus & Short Description	Number of Students/Teachers Reached	Evaluation of Effectiveness
<p>Girl Scout Talk – Eco Action Discussion Grades 4-5 April 28, 2011</p>	<p>Met with a troop that was earning their "Eco Action" badge. Discussed the difference between storm drains and sanitary sewers, as well as actions they could do to make a difference in their community. Also discussed my various job duties and duties of other plant staff and potential career opportunities.</p>	<p>12 scouts and 4 leaders were present for the discussion.</p>	<p>The presentation went very well and extended an additional 15 minutes beyond what had been planned for to address all the questions they had. Several youth had previously participated in Sunnyvale Schools 5th grade classroom presentations. This allowed staff to question them to see what knowledge they had retained (they could answer most of the questions with some prompting) and were able to share it with their fellow scouts.</p>
<p>Judge AP Environmental Science Class Projects High School Students May 24, 2011</p>	<p>Homestead High's Advanced Placement Environmental Science classes work on a community outreach project titled, "Your World." This is a major project in which classes produce a comprehensive campaign that promotes a certain environmental cause. Students were responsible for setting up such events as community outreach or a press conference, a rally, and a fundraiser to make a positive environmental change in their community. The project is structured as a competition between the two classes, culminating in an activity where they present their projects. Outreach staff was asked to sit on a panel of 7 judges from the "real world" of environmental science to evaluate the projects.</p>	<p>Approximately 40 students (2 classes) 1 teacher</p>	<p>A great opportunity for the students to gain feedback from professionals that will allow them to connect to the larger applications of the knowledge they have gained. In addition, it opens doors for a wide array of conversations related to the two presentations.</p>

Program Details	Focus & Short Description	Number of Students/Teachers Reached	Evaluation of Effectiveness
<p>P2 Talk / Virtual Tour Ramblewood Elementary, San Jose After school Program (Grades 2-5) May 19, 2011</p>	<p>Environmental Outreach staff gave a PowerPoint presentation and hosted a discussion on various pollution prevention topics (including trash and litter impacts on oceans) and a virtual tour of the Sunnyvale Water Pollution control Plant.</p>	<p>Approximately 75 students and 6 instructors/staff were present.</p>	<p>It was well received with both staff and students pleased with the presentations. Discussions about water pollution and issues impacting the watershed and the environment helped the students gain a better understanding of the problems. . By the end of the presentation, everyone knew the difference between sanitary sewers and storm sewers and pollution issues.</p>
<p>P2 Talk / Enviroscape Pres. Resurrection Catholic School, Sunnyvale Summer Camp Program (Grades 1-6) June 29, 2011</p>	<p>Environmental Outreach staff provided a presentation that focused on the difference between sanitary sewers and storm drain along with information about stormwater and wastewater pollution prevention during the learning session in camp. This was primarily done through student participation in a discussion and an Enviroscape demonstration.</p>	<p>Approximately 53 students, 3 adults leaders and 4 youth (HS) leaders were in attendance.</p>	<p>It was well received by all and Outreach Staff were asked to come back next summer as well as possibility during the school year.</p>

Appendix 7-3-5

Program Details	Focus & Short Description	Number of Students/Teachers Reached	Evaluation of Effectiveness
<p>Plant Tours School Groups and Boy/Girl Scouts Grades 1-12</p>	<p>Students learn the stages of treatment by viewing the various processes, equipment, and tanks. They also learn the function and importance of the wastewater treatment plant and its role of preventing water pollution from wastewater discharge. Stormwater pollution prevention issues are also discussed, as well as the difference between sanitary sewers and storm sewers.</p>	<p>The Plant conducted a total of 9 tours (1 was a virtual tour) for school-age students / scouts reaching 193 youth and 38 adult chaperones.</p>	<p>Discussions about water pollution and issues impacting the watershed and the environment help tour attendees gain a better understanding of the problems. By the end of the tour, all participants know the difference between sanitary sewers and storm sewers. At the completion of the tour, attendees are given educational materials that promote environmentally responsible behaviors and have the opportunity to ask any questions. Due to funding cuts at schools for buses for field trip activities, there was a decrease of the number of youth that toured the facility compared to last fiscal year. Outreach staff has prepared the "virtual tour" and is making that available for classroom presentations for those unable to attend in person due to budget limitations.</p>

Program Details	Focus & Short Description	Number of Students/Teachers Reached	Evaluation of Effectiveness
<p>Creek Education Program Nimitz & Stockelmeier Elementary Schools Third Grade Classes</p>	<p>Water and Structures of Life is a program produced in partnership with the Cupertino School District, which some Sunnyvale students/schools attend. After studying the course in class, students take a creek education field trip to McClellan Ranch Park to supplement to their water studies course and gain knowledge about the importance of watersheds. Staff attended one session in May for evaluation purposes.</p>	<p>Sunnyvale provided funding to cover the transportation cost of (5) buses, reaching 291 students, 15 teachers, and 58 parent helpers.</p>	<p>Sunnyvale will continue to support this program in the next fiscal year. We worked with Cupertino to develop a written evaluation form for the participating classroom teachers to help determine the effectiveness of the program. Out of the five classes from Sunnyvale attending, only one responded. The response showed that the program was effective. Will continue to work with Cupertino staff on how to improve the return rate on evaluations.</p>
<p>Classroom Presentations Various Sunnyvale Schools Grades K-5</p>	<p>In Sunnyvale's primary school educational outreach program, staff provides a presentation and a demonstration on water pollution and its prevention. This is done through discussion, student participation, and a demonstration using the Enviroscope. Lesson plans vary depending on age of students. Topics include: the forms of water, the water cycle, what a watershed is, how stormwater pollution happens, how to prevent stormwater pollution, how to prevent pollution of aquifers (includes building a model of one in the classroom) and how to conserve water. Staff read the book "All the Way to the Ocean" to Kindergarten and First grade students as a wrap-up of the lesson.</p>	<p>Outreach conducted 55 classroom presentations during FY 10-11 reaching approximately 1,256 students and 63 teachers / teacher aides. This was a 40% increase in the number of youth reached this school year. See class breakdown in the table below:</p>	<p>Written feedback provided in teacher surveys that is returned to us after the class presentations indicated that the information presented greatly improved student understanding of storm drains and water pollution caused by human activities. See the end of this Appendix for evaluation summary table. There was a 40% increase in the number of youth reached this school year. See class breakdown below.</p>

Breakdown of Classroom Presentations

Classroom Presentations		Number of Students
Number of Kindergarten Classes	40	861
Number of Joint K/1st Grade Classes	2	40
Number of K/1/2 Special Ed Classes	1	12
Number of 2/3 Grade Classes	1	20
Number of 4/5 Grade Classes	10	290
Number Students from Sunnyvale Schools	14	1223
Number of Students from Other Schools (Kindergarten) (Santa Clara)	1	33
	Total Number of Students Reached	1256

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

Evaluations were handed out to the teachers for all classroom presentations. The following is a summary of the evaluations returned.
 Number of classroom presentations - 55. Number of evaluations returned - 36.

Question	1 Strongly Disagree	2 Disagree	3 Agree	4 Strongly Agree	Other
1. The visuals were appropriate for the attending grade level.			5	31	
2. The visual aids were effective.					
3. The messages were communicated clearly.			1	35	
4. The content fit well with the student's current curriculum.			4	32	
5. The pace of the program was appropriate.			3	33	
6. The length of the program was appropriate.		1	3	32	
7. The presenter held the students' attention.			5	31	
8. The ratio of new and review material was well balanced.			5	31	Lots of new, I wish I was able to front load some info before you came.
9. The students enjoyed the presentation.			1	35	
10. I would consider the program again next year.			1	35	Definitely!

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

What elements of the program were successful?

Clear message, great visuals and grade appropriate. I loved it, they were so excited about pointing out storm drains & doing a trash pick-up around the school. Visual aids extremely helpful in demonstrating how our water becomes dirty and how the bay becomes polluted. (noted several times)
 Love the hands on! Students were very engaged.
 Children loved the visuals, Jackie utilized a mixture of different teaching methods: hands on, question & answer and groupwork.
 Demonstration and story helped tie it all together,

What would you change or add to improve the program?

Story is good, and presenter did a great job, but it makes it a little too long for 5 year olds.
 Nothing ... thank you! (noted 24 times)
 Maybe use more picture cards when introducing vocabulary.
 Maybe more hands on if possible. Maybe have an attention signal to regain students attention.
 Teachers would welcome any reference materials for exploring the subject further.

E-Mail comments received after presentation:

Thank you so very much for coming to the class. The students thoroughly enjoyed it and was engaged every step of the way. I will definitely have you come again next year.

Thank you for the terrific classroom presentations! Wow! What neat lessons about water pollution. All the kids learned so much from you. We teachers have a lot to build on from your lessons.

FY 2010-2011 Annual Report
Permittee Name: City of Sunnyvale

Section 9
Provision C.9 Pesticides Toxicity Control

Appendix 9-1 Sunnyvale IPM Policy

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

Section 1. Purpose

This policy sets forth the guiding principles for development and implementation of an Integrated Pest Management (IPM) program for all City properties and facilities. The goals of the IPM policy and its implementation throughout the city are to:

- Create awareness among City staff of the Integrated Pest Management program.
- Provide education for all City departments to practice the most appropriate approach to managing pests on City properties and facilities.
- Reduce or eliminate pesticide use on City properties and facilities while providing guidelines for their use when appropriate.
- Eliminate adverse impacts to the environment due to pesticide usage including water quality (both in urban streams and South San Francisco Bay), composted green waste and soil quality.

Subd. 1. Background

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

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

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

Section 2. Policy

Subd. 1. Definitions

The following definitions are used in this Article:

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

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

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

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

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

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

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

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

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

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

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

Subd. 2. Integrated Pest Management (IPM) Policy

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

A. Pest Control Advisor (PCA)

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

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

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

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

- (1) Those licensed or certified City staff and contractors who are employed by the City to control or manage pests will follow the IPM Best Management Practices and Standard Operating Procedures found in the City of Sunnyvale Urban Runoff Management Plan (URMP) Pest Management Control Program chapter.
- (2) Pesticide Applicators will use the most current IPM approaches or technologies available to ensure the long-term prevention or suppression of pest problems and to minimize negative impacts on the environment, non-target organisms, and human health.

C. All City Staff and Departments

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

D. Pest Management Contractors Employed by the City

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

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

E. City Property Leaseholders

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

Subd. 3. Pesticide Application

A. Who May Apply Pesticides

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

B. Pesticides of Concern

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

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

C. Water Quality Management

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

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

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

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

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

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

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

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

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

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

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

Subd. 6. Reporting

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

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

- (1)** Any contractors hired by the City who may hire sub-contractors to perform pest control work, will be responsible for reporting pesticide use information listed in (A) above, to the City for pest control work performed by their sub-contractors.
- B.** Each City department that applies pesticides will conduct an annual inventory by December of each calendar year to identify pesticides that are no longer legal or appropriate for applications per Federal, State, County, or City requirements. Those products no longer deemed acceptable for use will be properly disposed of by the department or division that purchased them, in accordance with applicable State and Federal laws.
- C.** Each City department that applies pesticides will conduct an annual review and evaluation process of the effectiveness of the City's IPM Policy, BMPs and SOPs. They will provide a written evaluation to the Environmental Division Manager of the Public Works Department in July of each year that discusses:
 - (1)** New IPM techniques that could be used to improve results
 - (2)** Staff training needs with a focus on the safe use, disposal, and storage of pesticides
 - (3)** Suggested modifications to the City's IPM Policy, BMPs, and SOPs to ensure that the Policy and implementation plan continue to be effective.
- D.** Environmental Division staff will compile IPM program implementation information and report data from other City Departments/Divisions as required in the City's NPDES Stormwater Permit Annual Report.

FY 2010-2011 Annual Report
Permittee Name: City of Sunnyvale

Section 9
Provision C.9 Pesticides Toxicity Control

Appendix 9-2: C.9.b Implement IPM Pesticide Policy or Ordinance:
Sunnyvale IPM Practices, Precautions, and Trends in Pesticide Use

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

The City of Sunnyvale has had an IPM policy in place since 2002, which focused on reducing the use of organophosphorous (OP) pesticides. With the new requirements of the MRP adopted in October 2009, the City revised its IPM policy in 2010. A copy of the revised policy is included in Appendix 9-1 and was also included in the FY 09-10 Annual Report.

The City tracked and reported the top five quantities of pesticides used in previous annual reports submitted to the Water Board (FY 03-04 through FY 08-09). In FY 09-10, we reviewed our data tables from previous years in light of the pesticides of concern listed in Provision 9 of the MRP and the changes that were made to Sunnyvale's IPM Policy in June 2010, in response to the new requirements staff prepared/submitted that data in the FY 09-10 annual report.. Based on comments received from Water Board staff on the FY 09-10 submittal and guidance from BASMAA and SCVURPPP, we revised our report this year to include only the pesticides of concern as listed in the MRP. In general, the quantities of the pesticides of concern applied to City property continue to trend downward each year. A significant drop occurred in 2010, after the City's IPM policy was revised and the main structural pest control contractor used by the City significantly restricted the use of the insecticide "Tempo" that contains Cyfluthrin, a pyrethroid pesticide. This pesticide was used mainly around doorways, under eaves, and window casings to control insects and arachnids from entering buildings.

When it was discovered that a sub-contractor to the contractor operating the City's SMaRT Station materials recovery facility had been using pyrethroid products, they were informed and reminded that they also needed to follow the City's IPM policy.

Since the adoption of the IPM policy in June 2010, the quantity of pyrethroids applied on City-owned property has dramatically decreased. A limited number of pyrethroid-containing products are used occasionally to address a specific pest problem (e.g., cockroaches, wasps/hornets) by using crack/crevice dusts or spot-treatments for nest areas. These are used when there is an issue with public health or safety, other IPM methods have been tried and not been effective, and the pesticides are applied or used in ways to minimize potential contact with stormwater.

The amount of Fipronil-containing products applied in FY 10-11 is very small, and were limited to bait stations used indoors, which have virtually no potential for coming into contact with stormwater. As reported in Table C.9.b, no organophosphate or carbamate-containing pesticides have been applied in the past two years by either City staff or contractors.

Structural Pest Control Contractor Applications:

Since the adoption of the revised IPM policy in June 2010, the City has worked with its structural pest control contractor performing most of the pesticide applications of

products that contained Pyrethroids and Fipronil to apply other pest control products that do not contain these pesticides of concern. If IPM measures implemented to control problematic pests by the contractor or city staff are not effective, a Pyrethroid or Fipronil-containing product may be recommended for control of a specific problem (especially in cases where public health/safety are an issue). In these cases, justification for the use of the product is required, per the City's IPM Policy, and application measures are used that will reduce or eliminate potential stormwater contact, and thus runoff that might contain the pesticides of concern.

For example in 2011, one firehouse dormitory reported possible bed bugs or spider bites occurring with staff residing there. The structural pest contractor inspected for bedbugs and found none, but did find spiders behind the headboards of beds. Areas were cleaned and a pesticide service using Eco-Exempt products (active ingredients are rosemary and peppermint oil) were applied. The day after the pest control service was provided, additional reports of spiders in beds in the treated areas were received by the contractor. The contractor placed monitors to check for insect/spider activity and daily reports spider problems continued. Fire department staff reported spider problems interfered with their sleep. The contractor recommended cutting back trees and shrubs near the dormitory windows/doorway which provided pathways into the building. Finally, to address the public health/safety issue, the pest contractor recommended applying Tempo, a cyfluthrin-containing product, since other IPM options implemented were not effective. The pesticide was applied as a spot treatment indoors and underneath the roof eaves and around window frames outside the building. With a 1 gallon application of product, approximately 12.8 ounces of active ingredient were applied. By limiting the application to spot treatments that were not exposed to rainfall, the potential for stormwater impacts by this application were minimal.

Tempo (cyfluthrin) was applied at 12 other locations around the city in FY 2010-2011 (after the IPM policy revision in June 2010) to control spider/insect problems after other IPM control measures had been tried and were not successful. Measures were taken to minimize the potential impact to stormwater by applying it only under eaves, around doorways or windows, and not on hardscape areas that would allow for stormwater runoff.

The amount of cyfluthrin-containing product applied in the FY 2010-2011 significantly decreased when compared to previous years. Approximately 54 ounces of active ingredient were applied in the period from July 2010 – June 2011. In the previous fiscal year, before the revision of the City's IPM policy in June 2010, a total of 637.2 ounces of the active ingredient cyfluthrin present in the product Tempo, were applied.

In another situation in 2011, four ounces of the product PT 565 containing pyrethrin and d-trans allethrin were used to address a safety risk to city staff when the space above their office was infested with wasps. The application took place indoors, so impacts to stormwater did not occur. A total of 0.01 ounces of each active ingredient were applied during the spot treatment to control the wasps. This was an increase over the amount of this pesticide applied the previous fiscal year (none), but the quantity applied was very

small and the application was done to address a public health/safety issue, with a minimal chance of having a water quality impact.

City staff continues to work with its primary structural pest control contractor to identify options that follow IPM practices and not to use the pesticides of concern listed in the City's IPM policy unless other IPM practices are not successful. The contractor developed a Pesticide Use Form that is provided to the Environmental Division when the contractor has identified a situation and location where standard IPM practices are not working to control a pest. The form includes a description of the problem and measures that had been taken to respond, prior to any use of a pesticide of concern listed in the City's IPM policy. The form also provides the reason for the particular pesticide's use, a description of the product, and measures taken through application techniques or treatment location that will prevent or minimize potential impacts to stormwater quality. These forms are provided by the IPM contractor and kept on file in the Environmental Division.

Solid Waste Division staff managing the contract for SMaRT station operations provided this form to the contractor and subcontractor providing services to that facility after it was discovered that the subcontractor had done applications of pesticides of concern listed in the City's IPM policy. It is expected that they will follow the City's IPM Policy and use something similar in the future if it is deemed necessary to apply one of the pesticides of concern identified in the Policy.

Other products used by the City's contractor, such as Maxforce Pro and Delta Dust that contain Fipronil or pyrethroids are delivered in contained bait stations or used in crack/crevice dusts for cockroaches. These have a very limited potential for coming into contact with stormwater, since they are used indoors and in spot-treatment locations. Also, the quantities of the active ingredients applied each year are very small (less than an ounce, in most cases).

Since 2006, the City's main pest control contractor has used alternatives to products containing pyrethroids for outdoor ant control measures. The Contractor's products currently in use for control of ants and spiders outdoors contain eugenol and thyme oil, cornmint oil, or rosemary and peppermint oil as their active ingredients.

City Department Applications:

For City staff applications, Golf Division staff used spot-treatments of Spectracide to control wasp/hornet nests that were identified as threats to public safety in FY 08-09 and FY 10-11. Though this product contains pyrethroids, its use is very limited, and the quantity of active ingredients applied each year is small.

No pesticides containing Organophosphates, Carbamates, or Fipronil were applied by City staff in FY 09-10 or FY 10-11.

With the June 2010 revisions to the City's IPM policy approved by the City Manager and the Executive Leadership Team consisting of the City's Department Directors, the use of pesticide products that have the potential to impact water quality will continue to be reduced.

Section 9
Provision C.9 Pesticides Toxicity Control

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



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

ITEM	DESCRIPTION	UNIT	UNIT COST
1	Blanket order to provide regular pest control services for rodent and insect control for a one-year period. Civic Center Complex (Includes City Hall, City Hall Annex, City Hall South Annex, Public Safety Headquarters, Public Library and Sunnyvale Office Center @ \$43.00/mo. each.)	DLR	\$1.0000
2	Community Center Complex (Includes Recreation Building, Sports Center Complex, Cultural Arts Building, Theatre and Senior Center @ \$59.00/mo each.)	DLR	\$1.0000
3	Columbia/AMD Sports Center	DLR	\$1.0000
4	Corporation Yard (Includes Central Stores Warehouse @ \$32.00/mo., Administration Building @ \$56.00/mo. and Modular Building @ no additional charge.	DLR	\$1.0000
5	Fire Stations (Includes Fire Stations #1 through #6 @ \$42.00/mo. each.)	DLR	\$1.0000
6	Water Pollution Control Plant	DLR	\$1.0000
7	Baylands Park Maintenance Building	DLR	\$1.0000
8	Miscellaneous Services, Upon Request	HR	\$120.0000

PA



ITEM	DESCRIPTION	UNIT	UNIT COST
9	<p>Miscellaneous pest control work, as required</p> <p>Requisition Number: RQ006316</p> <p>This purchase order replaces BL001737</p> <p>1. The contractor shall follow the policies for Integrated Pest Management outlined in the City's Administrative Policy Manual, Chapter 6, Article 12 - Integrated Pest Management Policy for City-Owned Facilities for both structural or landscape pest control activities.</p> <p>2. The Contractor shall provide records on location, product name, manufacturer, EPA/California registration number from the label, and quantity (pounds or gallons) of pesticides applied to city-owned property or structures to the Environmental Division Manager on a monthly basis for NPDES Stormwater Permit reporting purposes.</p> <p>3. Before any of the pesticides listed in the Administrative Policy Manual, Chapter 6, Article 12, Subdivision 3.B (Pesticides of Concern) are applied, the contractor must provide a written recommendation from a Pest Control Advisor, licensed by the State of California, Department of Pesticide Regulations that includes a justification for its use, lists other approaches and techniques that have been considered and determined to be ineffective, and how adverse water quality impacts will be eliminated through the use of appropriate application techniques.</p>	DLR	\$1.0000

AUTHORIZED DEPARTMENT(S)		
NO	DEPT NAME	RELEASE AMT
7003	OCM/General Services/Facilities Services	\$5,000.00
7004	DCS/Parks Division	\$5,000.00

DOCUMENT TERMS

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

BUYER: 

Howard, Dreama

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

Pesticide Use Form

Bay-Valley Pest Control, inc

120 Kennedy Ave.
Campbell, CA. 95008
Tel. (408) 370-1603
(650) 966-1313
Fax. (408) 866-7378



Date _____

Property Information	Acct.# _____	Bay-Valley Pest Control, inc makes every effort to treat pest problems through I.P.M. and by using eco-exempt products. Occasionally there are circumstances that require the need to use a pesticide product. When pesticides are necessary, we take great measures to insure the products are applied in manner to prevent storm water pollution. Most allowed pesticide products are applied indoors, above ground (eaves, window frames door frames etc) or in voids
Name: _____		
Street Add: _____		
City, State, Zip: _____		
Contact Name: _____		
Contact Ph.# _____		

Description of problem _____

Dates of Response (if any)	Service(s) Provided Prior to a Pyrethroid or Pesticide Treatment
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Reason for Pesticide Use: _____ Emergency Service _____ Health & Safety Concerns
 _____ Other methods tried but Unsuccessful _____ Other _____

Other _____

Products Used _____
Areas Treated _____
<input type="checkbox"/> Indoor Use Only <input type="checkbox"/> Contained Bait <input type="checkbox"/> Not applied to impervious surface outdoors <input type="checkbox"/> Spot Treatments <input type="checkbox"/> Other: Describe _____

See attached I.P.M. or Sanitation Report for further information

Fax Report to Kristy McCumby (408) 747-1139

Technician Signature



ORDERED FROM 18437 - 001 (925) 330-3135 PMT Pest Control Service PO Box 1266 Clayton, CA 94517	ORDER DATE 4/29/2011	BILL TO: City of Sunnyvale Finance Department Accounts Payable PO Box 3707 Sunnyvale, CA 94088-3707 COPY
	EFFECTIVE DATE 4/1/2011	
	EXPIRATION DATE 3/31/2012	
	CONTRACT AMOUNT \$8,000.00	
REQUISITIONING DEPARTMENT (9005) DPW/Solid Waste	FOB	FREIGHT CHARGES
	PAYMENT TERMS N/30	BID NO

ITEM	DESCRIPTION	UNIT	UNIT COST
1	Purchase order to perform Ground Squirrel Control Services and Conduct Invasive Plant Specifies Management for the City of Sunnyvale's Landfill Site. All work to be directed by Silviana Ruiz, PW Landfill Technician (408) 730-7545 Vendor Contact: Peter Taormina Requisition # RQ007982 This purchase order replaces PO002504 Integrated PestManagement Policy (IPM) - The City of Sunnyvale has established an Integrated Pest Management Policy for City staff and all outside contractors to follow while doing work on City-owned property. Contractor shall be familiar with and comply with this policy and shall send a copy of its monthly pesticide report to the City's representative.	DLR	\$1.0000

AUTHORIZED DEPARTMENT(S)		
NO	DEPT NAME	RELEASE AMT
9005	DPW/Solid Waste	\$8,000.00

DOCUMENT TERMS

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

FY 2010-2011 Annual Report
Permittee Name: City of Sunnyvale

Section 15
Provision C.15 Exempted and Conditionally Exempted Discharges

Appendix 15-1: C.15.b.iii (1)
Planned Discharges of the Potable Water System
FY 10-11 Data Tables

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
077-104-75	Hydrant Flushing	Stevens Creek	7/27/2010	9	1010	9090	0	7.6	0	De-chlor,diffuser, gravel bags
077-105-75	Hydrant Flushing	Stevens Creek	7/27/2010	7	1010	7070	0	7.8	0	De-chlor,diffuser, gravel bags
077-109-75	Hydrant Flushing	East Channel	7/27/2010	7	1010	7070	0.05	7.6	0	De-chlor,diffuser, gravel bags
077-110-74	Hydrant Flushing	East Channel	7/27/2010	7	1010	7070	0.05	7.6	0	De-chlor,diffuser, gravel bags
077-111-74	Hydrant Flushing	East Channel	7/27/2010	9	1010	12,120	0.03	7.6	0	De-chlor,diffuser, gravel bags
077-112-74	Hydrant Flushing	East Channel	7/27/2010	7	1010	7070	0.06	7.6	0	De-chlor,diffuser, gravel bags
077-113-74	Hydrant Flushing	East Channel	7/27/2010	8	1010	8080	0.04	7.5	0	De-chlor,diffuser, gravel bags
078-101-74	Hydrant Flushing	East Channel	7/27/2010	7	1010	7070	0.03	7.6	0	De-chlor,diffuser, gravel bags
075-108-74	Hydrant Flushing	East Channel	7/28/2010	7	1010	7070	0	7.3	0	De-chlor,diffuser, gravel bags
075-109-75	Hydrant Flushing	East Channel	7/28/2010	8	1010	8080	0	7.4	0	De-chlor,diffuser, gravel bags
076-108-75	Hydrant Flushing	Stevens Creek	7/28/2010	6	1010	6060	0	7.4	0	De-chlor,diffuser, gravel bags
076-110-75	Hydrant Flushing	East Channel	7/28/2010	7	1010	7070	0.1	7.3	0	De-chlor,diffuser, gravel bags
076-101-74	Hydrant Flushing	Stevens Creek	7/28/2010	7	1010	7070	0.04	7.3	0	De-chlor,diffuser, gravel bags
076-102-74	Hydrant Flushing	Stevens Creek	7/28/2010	8	1010	8080	0.01	7.6	0	De-chlor,diffuser, gravel bags
076-103-74	Hydrant Flushing	Stevens Creek	7/28/2010	8	1010	8080	0.06	7.4	0	De-chlor,diffuser, gravel bags
076-104-74	Hydrant Flushing	East Channel	7/28/2010	8	1010	8080	0.09	7.4	0	De-chlor,diffuser, gravel bags
076-105-74	Hydrant Flushing	East Channel	7/28/2010	8	1010	8080	0.1	7.4	0	De-chlor,diffuser, gravel bags
076-106-74	Hydrant Flushing	East Channel	7/28/2010	9	1010	9090	0.09	7.4	0	De-chlor,diffuser, gravel bags
077-102-75	Hydrant Flushing	Stevens Creek	7/28/2010	9	1010	9090	0	7	0	De-chlor,diffuser, gravel bags
077-101-75	Hydrant Flushing	Stevens Creek	7/28/2010	7	1010	7070	0	7.6	0	De-chlor,diffuser, gravel bags
075-103-76	Hydrant Flushing	East Channel	7/29/2010	7	1010	7070	0.03	7.5	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
078-106-74	Hydrant Flushing	Stevens Creek	7/29/2010	8	1010	8080	0.02	7.3	0	De-chlor,diffuser, gravel bags
078-107-74	Hydrant Flushing	Stevens Creek	7/29/2010	6	1010	6060	0.02	7.1	0	De-chlor,diffuser, gravel bags
078-108-74	Hydrant Flushing	Stevens Creek	7/29/2010	7	1010	7070	0.03	7.7	0	De-chlor,diffuser, gravel bags
078-109-75	Hydrant Flushing	Stevens Creek	7/29/2010	8	1010	8080	0.01	7.6	0	De-chlor,diffuser, gravel bags
078-110-75	Hydrant Flushing	Stevens Creek	7/29/2010	9	1010	9090	0	7.6	0	De-chlor,diffuser, gravel bags
078-111-75	Hydrant Flushing	Stevens Creek	7/29/2010	12	1010	12120	0.01	7.6	0	De-chlor,diffuser, gravel bags
079-101-75	Hydrant Flushing	Stevens Creek	7/29/2010	11	1010	11110	0	7.8	0	De-chlor,diffuser, gravel bags
079-102-75	Hydrant Flushing	Stevens Creek	7/29/2010	11	1010	11110	0	7.6	0	De-chlor,diffuser, gravel bags
079-103-75	Hydrant Flushing	Stevens Creek	7/29/2010	7	1010	7070	0.01	8.6	0	De-chlor,diffuser, gravel bags
081-101-74	Hydrant Flushing	Stevens Creek	7/29/2010	8	1010	8080	0.03	7.7	0	De-chlor,diffuser, gravel bags
081-102-74	Hydrant Flushing	Stevens Creek	8/2/2010	7	1010	7070	0	7.6	0	De-chlor,diffuser, gravel bags
082-101-75	Hydrant Flushing	Stevens Creek	8/2/2010	6	1010	6060	0	7.7	0	De-chlor,diffuser, gravel bags
082-102-75	Hydrant Flushing	Stevens Creek	8/2/2010	7	1010	7070	0.04	7.6	0	De-chlor,diffuser, gravel bags
082-103-74	Hydrant Flushing	Stevens Creek	8/2/2010	8	1010	8080	0.01	7.7	0	De-chlor,diffuser, gravel bags
082-104-74	Hydrant Flushing	Stevens Creek	8/2/2010	6	1010	6,060	0.02	7.8	0	De-chlor,diffuser, gravel bags
082-105-74	Hydrant Flushing	Stevens Creek	8/2/2010	8	1010	9090	0.02	7.7	0	De-chlor,diffuser, gravel bags
082-107-75	Hydrant Flushing	Stevens Creek	8/2/2010	12	1010	12120	0.03	7.7	0	De-chlor,diffuser, gravel bags
083-101-74	Hydrant Flushing	Stevens Creek	8/2/2010	9	1010	9090	0.03	7.7	0	De-chlor,diffuser, gravel bags
083-102-74	Hydrant Flushing	Stevens Creek	8/2/2010	8	1010	8080	0.04	7.7	0	De-chlor,diffuser, gravel bags
083-103-74	Hydrant Flushing	Stevens Creek	8/3/2010	6	1010	6060	0.03	7.8	0	De-chlor,diffuser, gravel bags
083-104-74	Hydrant Flushing	Stevens Creek	8/3/2010	7	1010	7070	0.06	8	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
082-106-74	Hydrant Flushing	Stevens Creek	8/3/2010	7	1010	7070	0.03	7.7	0	De-chlor,diffuser, gravel bags
083-105-74	Hydrant Flushing	Stevens Creek	8/3/2010	6	1010	6060	0.09	7.7	0	De-chlor,diffuser, gravel bags
083-106-75	Hydrant Flushing	Stevens Creek	8/3/2010	6	1010	6060	0.03	7.7	0	De-chlor,diffuser, gravel bags
083-107-75	Hydrant Flushing	Stevens Creek	8/3/2010	7	1010	7070	0.03	8	0	De-chlor,diffuser, gravel bags
083-108-75	Hydrant Flushing	Stevens Creek	8/3/2010	8	1010	8080	0.03	7.7	0	De-chlor,diffuser, gravel bags
083-109-74	Hydrant Flushing	Stevens Creek	8/3/2010	8	1010	8080	0	7.8	0	De-chlor,diffuser, gravel bags
084-101-74	Hydrant Flushing	Stevens Creek	8/3/2010	9	1010	9090	0.03	7.7	0	De-chlor,diffuser, gravel bags
084-102-75	Hydrant Flushing	Stevens Creek	8/3/2010	7	1010	7070	0.03	7.7	0	De-chlor,diffuser, gravel bags
084-103-75	Hydrant Flushing	Stevens Creek	8/3/2010	9	1010	9090	0	7.8	0	De-chlor,diffuser, gravel bags
084-104-74	Hydrant Flushing	Stevens Creek	8/3/2010	8	1010	8080	0.02	7.8	0	De-chlor,diffuser, gravel bags
084-105-74	Hydrant Flushing	Stevens Creek	8/3/2010	8	1010	8080	0	7.7	0	De-chlor,diffuser, gravel bags
084-106-74	Hydrant Flushing	Stevens Creek	8/3/2010	6	1010	6060	0	7.6	0	De-chlor,diffuser, gravel bags
084-107-74	Hydrant Flushing	Stevens Creek	8/3/2010	6	1010	6060	0	7.7	0	De-chlor,diffuser, gravel bags
084-108-74	Hydrant Flushing	Stevens Creek	8/3/2010	8	1010	8080	0	7.3	0	De-chlor,diffuser, gravel bags
085-101-74	Hydrant Flushing	Stevens Creek	8/3/2010	7	1010	7070	0	7.7	0	De-chlor,diffuser, gravel bags
085-102-74	Hydrant Flushing	Stevens Creek	8/3/2010	6	1010	7070	0	7.7	0	De-chlor,diffuser, gravel bags
085-103-74	Hydrant Flushing	Stevens Creek	8/4/2010	9	1010	9090	0	7.7	0	De-chlor,diffuser, gravel bags
085-104-74	Hydrant Flushing	Stevens Creek	8/4/2010	7	1010	7070	0	7.6	0	De-chlor,diffuser, gravel bags
085-105-74	Hydrant Flushing	Stevens Creek	8/4/2010	9	1010	9090	0	7.8	0	De-chlor,diffuser, gravel bags
085-106-74	Hydrant Flushing	Stevens Creek	8/4/2010	6	1010	6060	0	7.6	0	De-chlor,diffuser, gravel bags
085-107-74	Hydrant Flushing	Stevens Creek	8/4/2010	6	1010	6060	0	7.6	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
085-108-74	Hydrant Flushing	Stevens Creek	8/4/2010	10	1010	10100	0	7.9	0	De-chlor,diffuser, gravel bags
085-109-74	Hydrant Flushing	Stevens Creek	8/4/2010	7	1010	7070	0.01	7.6	0	De-chlor,diffuser, gravel bags
085-110-74	Hydrant Flushing	Stevens Creek	8/4/2010	9	1010	9090	0	7.1	0	De-chlor,diffuser, gravel bags
085-111-74	Hydrant Flushing	Stevens Creek	8/4/2010	10	1010	10100	0.02	7.6	0	De-chlor,diffuser, gravel bags
085-112-74	Hydrant Flushing	Stevens Creek	8/4/2010	8	1010	8080	0	7.8	0	De-chlor,diffuser, gravel bags
086-101-74	Hydrant Flushing	East Channel	8/4/2010	8	1010	8080	0	7.1	0	De-chlor,diffuser, gravel bags
086-102-74	Hydrant Flushing	East Channel	8/4/2010	9	1010	9090	0	7.3	0	De-chlor,diffuser, gravel bags
086-103-74	Hydrant Flushing	East Channel	8/4/2010	5	1010	5050	0.01	7.2	0	De-chlor,diffuser, gravel bags
086-106-75	Hydrant Flushing	East Channel	8/4/2010	8	1010	8080	0	7.6	0	De-chlor,diffuser, gravel bags
086-107-75	Hydrant Flushing	East Channel	8/4/2010	12	1010	12120	0	7.8	0	De-chlor,diffuser, gravel bags
086-108-75	Hydrant Flushing	East Channel	8/4/2010	9	1010	9090	0.01	7.1	0	De-chlor,diffuser, gravel bags
087-101-75	Hydrant Flushing	East Channel	8/4/2010	8	1010	8080	0	7.4	0	De-chlor,diffuser, gravel bags
087-102-75	Hydrant Flushing	East Channel	8/4/2010	10	1010	10100	0	7.6	0	De-chlor,diffuser, gravel bags
077-108-74	Hydrant Flushing	Stevens Creek	8/5/2010	5	1010	5050	0	7.4	0	De-chlor,diffuser, gravel bags
077-107-74	Hydrant Flushing	Stevens Creek	8/5/2010	5	1010	5050	0	7.6	0	De-chlor,diffuser, gravel bags
077-106-74	Hydrant Flushing	Stevens Creek	8/5/2010	5	1010	5050	0	7.6	0	De-chlor,diffuser, gravel bags
077-103-74	Hydrant Flushing	Stevens Creek	8/5/2010	5	1010	5050	0	7.6	0	De-chlor,diffuser, gravel bags
077-102-75	Hydrant Flushing	Stevens Creek	8/5/2010	7	1010	7070	0.01	7.8	0	De-chlor,diffuser, gravel bags
087-103-75	Hydrant Flushing	East Channel	8/5/2010	6	1010	6060	0.02	7.6	0	De-chlor,diffuser, gravel bags
087-104-75	Hydrant Flushing	East Channel	8/5/2010	6	1010	6060	0.01	8.1	0	De-chlor,diffuser, gravel bags
087-105-75	Hydrant Flushing	East Channel	8/5/2010	6	1010	6060	0	7.6	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
087-106-75	Hydrant Flushing	East Channel	8/5/2010	11	1010	11110	0	7.8	0	De-chlor,diffuser, gravel bags
087-107-75	Hydrant Flushing	East Channel	8/5/2010	8	1010	8080	0	7.8	0	De-chlor,diffuser, gravel bags
087-108-75	Hydrant Flushing	East Channel	8/5/2010	7	1010	7070	0	7.3	0	De-chlor,diffuser, gravel bags
088-101-75	Hydrant Flushing	East Channel	8/5/2010	7	1010	7070	0.01	7.5	0	De-chlor,diffuser, gravel bags
088-102-75	Hydrant Flushing	East Channel	8/5/2010	8	1010	8080	0.01	7.6	0	De-chlor,diffuser, gravel bags
088-103-75	Hydrant Flushing	East Channel	8/5/2010	8	1010	8080	0.01	7.6	0	De-chlor,diffuser, gravel bags
088-104-75	Hydrant Flushing	East Channel	8/5/2010	6	1010	6060	0.01	7.80	0	De-chlor,diffuser, gravel bags
088-105-75	Hydrant Flushing	East Channel	8/5/2010	7	1010	7070	0.01	7.80	0	De-chlor,diffuser, gravel bags
088-106-75	Hydrant Flushing	East Channel	8/5/2010	7	1010	7070	0	7.60	0	De-chlor,diffuser, gravel bags
088-107-75	Hydrant Flushing	East Channel	8/5/2010	9	1010	9090	0	7.90	0	De-chlor,diffuser, gravel bags
088-109-75	Hydrant Flushing	East Channel	8/5/2010	6	1010	6060	0.02	7.90	0	De-chlor,diffuser, gravel bags
089-103-75	Hydrant Flushing	East Channel	8/5/2010	7	1010	7070	0	8.00	0	De-chlor,diffuser, gravel bags
089-105-75	Hydrant Flushing	East Channel	8/5/2010	7	1010	7070	0	8.10	0	De-chlor,diffuser, gravel bags
089-106-75	Hydrant Flushing	East Channel	8/5/2010	8	1010	8080	0	7.90	0	De-chlor,diffuser, gravel bags
089-107-75	Hydrant Flushing	East Channel	8/5/2010	9	1010	11110	0.01	7.80	0	De-chlor,diffuser, gravel bags
089-108-75	Hydrant Flushing	East Channel	8/5/2010	6	1010	6060	0	7.90	0	De-chlor,diffuser, gravel bags
087-109-75	Hydrant Flushing	East Channel	8/9/2010	6	1010	6060	0.01	8.10	0	De-chlor,diffuser, gravel bags
087-110-75	Hydrant Flushing	East Channel	8/9/2010	7	1010	10100	0.01	7.80	0	De-chlor,diffuser, gravel bags
087-111-75	Hydrant Flushing	East Channel	8/9/2010	7	1010	7070	0.01	7.80	0	De-chlor,diffuser, gravel bags
087-112-75	Hydrant Flushing	East Channel	8/9/2010	6	1010	6060	0.02	7.80	0	De-chlor,diffuser, gravel bags
087-113-75	Hydrant Flushing	East Channel	8/9/2010	6	1010	6060	0	8.00	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
089-101-75	Hydrant Flushing	East Channel	8/9/2010	7	1010	7070	0.02	7.80	0	De-chlor,diffuser, gravel bags
089-102-75	Hydrant Flushing	East Channel	8/9/2010	8	1010	8080	0.01	7.70	0	De-chlor,diffuser, gravel bags
089-109-75	Hydrant Flushing	East Channel	8/9/2010	8	1010	8080	0.01	7.80	0	De-chlor,diffuser, gravel bags
089-110-75	Hydrant Flushing	East Channel	8/9/2010	8	1010	8080	0.01	7.70	0	De-chlor,diffuser, gravel bags
090-101-75	Hydrant Flushing	Calabazas Creek	8/9/2010	8	1010	8080	0.01	6.80	0	De-chlor,diffuser, gravel bags
090-102-75	Hydrant Flushing	Calabazas Creek	8/9/2010	9	1010	9090	0.01	6.90	0	De-chlor,diffuser, gravel bags
090-103-75	Hydrant Flushing	East Channel	8/9/2010	8	1010	8080	0	8.00	0	De-chlor,diffuser, gravel bags
090-104-75	Hydrant Flushing	East Channel	8/9/2010	10	1010	9090	0	8.00	0	De-chlor,diffuser, gravel bags
090-105-75	Hydrant Flushing	East Channel	8/9/2010	6	1010	6060	0.01	8.20	0	De-chlor,diffuser, gravel bags
090-106-75	Hydrant Flushing	Calabazas Creek	8/9/2010	8	1010	6060	0.01	7.00	0	De-chlor,diffuser, gravel bags
090-107-75	Hydrant Flushing	Calabazas Creek	8/9/2010	8	1010	8080	0.01	7.00	0	De-chlor,diffuser, gravel bags
090-108-75	Hydrant Flushing	East Channel	8/9/2010	7	1010	7070	0	7.00	0	De-chlor,diffuser, gravel bags
090-109-75	Hydrant Flushing	Calabazas Creek	8/9/2010	7	1010	7070	0.01	7.00	0	De-chlor,diffuser, gravel bags
091-101-74	Hydrant Flushing	Calabazas Creek	8/9/2010	9	1010	11110	0	7.60	0	De-chlor,diffuser, gravel bags
091-102-74	Hydrant Flushing	Calabazas Creek	8/9/2010	11	1010	11110	0	8.00	0	De-chlor,diffuser, gravel bags
075-110-75	Hydrant Flushing	East Channel	8/12/2010	7	1010	7070	0.03	7.80	0	De-chlor,diffuser, gravel bags
075-105-75	Hydrant Flushing	East Channel	8/12/2010	8	1010	8080	0	7.10	0	De-chlor,diffuser, gravel bags
075-106-75	Hydrant Flushing	East Channel	8/12/2010	6	1010	6060	0.05	7.00	0	De-chlor,diffuser, gravel bags
075-107-75	Hydrant Flushing	East Channel	8/12/2010	9	1010	9090	0	7.80	0	De-chlor,diffuser, gravel bags
075-104-75	Hydrant Flushing	East Channel	8/12/2010	8	1010	8080	0.02	7.00	0	De-chlor,diffuser, gravel bags
076-107-75	Hydrant Flushing	East Channel	8/12/2010	8	1010	8080	0	7.30	0	De-chlor,diffuser, gravel bags

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078-103-74	Hydrant Flushing	East Channel	8/12/2010	7	1010	7070	0.01	7.50	0	De-chlor,diffuser, gravel bags
078-104-94	Hydrant Flushing	East Channel	8/12/2010	8	1010	8080	0.01	7.70	0	De-chlor,diffuser, gravel bags
078-105-74	Hydrant Flushing	East Channel	8/12/2010	8	1010	8080	0	7.60	0	De-chlor,diffuser, gravel bags
076-109-75	Hydrant Flushing	East Channel	8/12/2010	8	1010	8080	0	7.10	0	De-chlor,diffuser, gravel bags
091-103-74	Hydrant Flushing	Calabazas Creek	8/12/2010	7	1010	7070	0	7.60	0	De-chlor,diffuser, gravel bags
351-103-75	Hydrant Flushing	Calabazas Creek	8/17/2010	24	920	12880	0.05	7.80	0	De-chlor,diffuser, gravel bags
351-102-75	Hydrant Flushing	Calabazas Creek	8/17/2010	7	920	6440	0.05	7.70	0	De-chlor,diffuser, gravel bags
91-108-75	Hydrant Flushing	Calabazas Creek	8/17/2010	13	920	11960	0.03	7.10	0	De-chlor,diffuser, gravel bags
91-105-75	Hydrant Flushing	Calabazas Creek	8/17/2010	6	940	5640	0.02	7.30	0	De-chlor,diffuser, gravel bags
91-107-75	Hydrant Flushing	Calabazas Creek	8/17/2010	7	940	6580	0.01	7.30	0	De-chlor,diffuser, gravel bags
91-108-75	Hydrant Flushing	Calabazas Creek	8/17/2010	7	920	6440	0.01	7.10	0	De-chlor,diffuser, gravel bags
351-101-76	Hydrant Flushing	Calabazas Creek	8/17/2010	20	920	18400	0.01	7.60	0	De-chlor,diffuser, gravel bags
351-102-75	Hydrant Flushing	Calabazas Creek	8/17/2010	19	920	17480	0.01	7.00	0	De-chlor,diffuser, gravel bags
351-103-75	Hydrant Flushing	Calabazas Creek	8/17/2010	20	920	18400	0.03	7.70	0	De-chlor,diffuser, gravel bags
088--108-75	Hydrant Flushing	East Channel	8/18/2010	8	1010	18180	0	7.80	0	De-chlor,diffuser, gravel bags
088-110-75	Hydrant Flushing	East Channel	8/18/2010	13	1010	13130	0.02	7.60	0	De-chlor,diffuser, gravel bags
086-105-75	Hydrant Flushing	East Channel	8/18/2010	12	840	10080	0.01	7.20	0	De-chlor,diffuser, gravel bags
086-104-75	Hydrant Flushing	East Channel	8/18/2010	12	920	11040	0.01	7.40	0	De-chlor,diffuser, gravel bags
091-104-75	Hydrant Flushing	Calabazas Creek	8/18/2010	9	920	8280	0	7.20	0	De-chlor,diffuser, gravel bags
091-112-75	Hydrant Flushing	Calabazas Creek	8/18/2010	9	920	8280	0.01	7.40	0	De-chlor,diffuser, gravel bags
091-109-74	Hydrant Flushing	Calabazas Creek	8/18/2010	6	950	5700	0	7.20	0	De-chlor,diffuser, gravel bags

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091-110-74	Hydrant Flushing	Calabazas Creek	8/18/2010	7	950	6650	0.01	7.20	0	De-chlor,diffuser, gravel bags
091-111-75	Hydrant Flushing	Calabazas Creek	8/18/2010	11	810	7290	0.02	7.80	0	De-chlor,diffuser, gravel bags
092-101-74	Hydrant Flushing	Calabazas Creek	8/19/2010	8	890	7120	0.08	7.50	0	De-chlor,diffuser, gravel bags
092-102-75	Hydrant Flushing	Calabazas Creek	8/19/2010	9	970	7760	0.02	7.30	0	De-chlor,diffuser, gravel bags
092-103-75	Hydrant Flushing	Calabazas Creek	8/19/2010	9	920	8280	0	7.30	0	De-chlor,diffuser, gravel bags
092-110-74	Hydrant Flushing	Calabazas Creek	8/19/2010	7	950	6650	0	7.30	0	De-chlor,diffuser, gravel bags
092-105-75	Hydrant Flushing	Calabazas Creek	8/19/2010	7	920	6440	0.01	7.40	0	De-chlor,diffuser, gravel bags
092-106-75	Hydrant Flushing	Calabazas Creek	8/19/2010	12	920	11040	0	7.60	0	De-chlor,diffuser, gravel bags
092-107-74	Hydrant Flushing	Calabazas Creek	8/19/2010	8	940	7520	0.01	7.30	0	De-chlor,diffuser, gravel bags
092-109-75	Hydrant Flushing	Calabazas Creek	8/19/2010	8	920	7360	0.02	7.50	0	De-chlor,diffuser, gravel bags
093-111-74	Hydrant Flushing	Calabazas Creek	8/25/2010	10	1113	11130	0.01	7.70	0	De-chlor,diffuser, gravel bags
093-102-74	Hydrant Flushing	Calabazas Creek	8/25/2010	11	1010	11110	0.01	7.70	0	De-chlor,diffuser, gravel bags
093-103-74	Hydrant Flushing	Calabazas Creek	8/25/2010	7	1061	7427	0.01	7.70	0	De-chlor,diffuser, gravel bags
093-104-74	Hydrant Flushing	Calabazas Creek	8/25/2010	8	844	6752	0	7.70	0	De-chlor,diffuser, gravel bags
093-106-74	Hydrant Flushing	Calabazas Creek	8/25/2010	8	1010	8080	0	7.80	0	De-chlor,diffuser, gravel bags
093-107-75	Hydrant Flushing	Calabazas Creek	8/25/2010	6	1020	6120	0	7.70	0	De-chlor,diffuser, gravel bags
093-109-75	Hydrant Flushing	Calabazas Creek	8/25/2010	5	1010	5050	0	7.80	0	De-chlor,diffuser, gravel bags
093-108-75	Hydrant Flushing	Calabazas Creek	8/25/2010	8	1020	8160	0.01	8.00	0	De-chlor,diffuser, gravel bags
093-110-74	Hydrant Flushing	Calabazas Creek	8/25/2010	8	1113	8904	0.01	7.80	0	De-chlor,diffuser, gravel bags
093-101-75	Hydrant Flushing	Calabazas Creek	8/25/2010	6	1020	6120	0	7.60	0	De-chlor,diffuser, gravel bags
093-112-74	Hydrant Flushing	Calabazas Creek	8/25/2010	8	1010	8080	0	7.60	0	De-chlor,diffuser, gravel bags

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093-105-74	Hydrant Flushing	Calabazas Creek	8/25/2010	8	1010	8080	0	7.50	0	De-chlor,diffuser, gravel bags
094-101-74	Hydrant Flushing	Calabazas Creek	8/25/2010	8	1113	8904	0.01	7.70	0	De-chlor,diffuser, gravel bags
094-102-74	Hydrant Flushing	Calabazas Creek	8/25/2010	5	1061	5305	0.01	7.60	0	De-chlor,diffuser, gravel bags
094-104-75	Hydrant Flushing	Calabazas Creek	8/25/2010	11	1047	11517	0.02	7.60	0	De-chlor,diffuser, gravel bags
094-103-74	Hydrant Flushing	Calabazas Creek	8/25/2010	8	1010	8080	0	7.80	0	De-chlor,diffuser, gravel bags
094-105-74	Hydrant Flushing	Calabazas Creek	8/25/2010	7	1113	7791	0.01	7.70	0	De-chlor,diffuser, gravel bags
094-108-75	Hydrant Flushing	Calabazas Creek	8/25/2010	11	1113	12243	0	7.80	0	De-chlor,diffuser, gravel bags
094-107-75	Hydrant Flushing	Calabazas Creek	8/25/2010	10	1010	10100	0	7.60	0	De-chlor,diffuser, gravel bags
094-106-75	Hydrant Flushing	Calabazas Creek	8/25/2010	7	1010	7070	0	7.60	0	De-chlor,diffuser, gravel bags
95-102-75	Hydrant Flushing	Calabazas Creek	9/1/2010	14	1027	14378	0.01	7.6	0	De-chlor,diffuser, gravel bags
95-103-74	Hydrant Flushing	Calabazas Creek	9/1/2010	6	1010	6060	0	7.8	0	De-chlor,diffuser, gravel bags
95-104-74	Hydrant Flushing	Calabazas Creek	9/1/2010	7	1034	7238	0	7.7	0	De-chlor,diffuser, gravel bags
95-101-75	Hydrant Flushing	Calabazas Creek	9/1/2010	7	1034	7238	0.01	7.6	0	De-chlor,diffuser, gravel bags
96-101-74	Hydrant Flushing	Calabazas Creek	9/1/2010	10	1034	10,340	0.02	7.8	0	De-chlor,diffuser, gravel bags
107-105-74	Hydrant Flushing	Calabazas Creek	9/1/2010	5	1061	5305	0.01	7.7	0	De-chlor,diffuser, gravel bags
107-104-74	Hydrant Flushing	Calabazas Creek	9/1/2010	7	1061	7427	0	7.8	0	De-chlor,diffuser, gravel bags
107-107-75	Hydrant Flushing	Calabazas Creek	9/1/2010	8	1010	8080	0	7.7	0	De-chlor,diffuser, gravel bags
107-103-74	Hydrant Flushing	Calabazas Creek	9/1/2010	7	1020	7140	0	7.7	0	De-chlor,diffuser, gravel bags
107-101-74	Hydrant Flushing	Calabazas Creek	9/1/2010	5	1020	5100	0.01	7.2	0	De-chlor,diffuser, gravel bags
107-102-74	Hydrant Flushing	Calabazas Creek	9/1/2010	7	1020	7140	0.01	7.5	0	De-chlor,diffuser, gravel bags
107-106-75	Hydrant Flushing	Calabazas Creek	9/1/2010	11	1010	11110	0	7.9	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
108-101-75	Hydrant Flushing	Calabazas Creek	9/2/2010	6	1010	6060	0	7.9	0	De-chlor,diffuser, gravel bags
108-102-75	Hydrant Flushing	Calabazas Creek	9/2/2010	5	1010	5050	0	7.8	0	De-chlor,diffuser, gravel bags
108-104-75	Hydrant Flushing	Calabazas Creek	9/2/2010	16	1061	6366	0.02	7.6	0	De-chlor,diffuser, gravel bags
108-103-75	Hydrant Flushing	Calabazas Creek	9/2/2010	7	1061	7427	0.01	7.6	0	De-chlor,diffuser, gravel bags
108-105-75	Hydrant Flushing	Calabazas Creek	9/2/2010	7	1047	7329	0.01	8.2	0	De-chlor,diffuser, gravel bags
108-106-75	Hydrant Flushing	Calabazas Creek	9/2/2010	7	1034	7238	0	7.8	0	De-chlor,diffuser, gravel bags
109-108-75	Hydrant Flushing	Calabazas Creek	9/2/2010	7	1034	7238	0.02	7.7	0	De-chlor,diffuser, gravel bags
109-109-75	Hydrant Flushing	Calabazas Creek	9/2/2010	7	1061	7427	0.01	7.5	0	De-chlor,diffuser, gravel bags
109-110-75	Hydrant Flushing	Calabazas Creek	9/2/2010	6	1061	6366	0.01	7.6	0	De-chlor,diffuser, gravel bags
109-111-75	Hydrant Flushing	Calabazas Creek	9/2/2010	8	1010	8080	0	7.8	0	De-chlor,diffuser, gravel bags
109-101-75	Hydrant Flushing	Calabazas Creek	9/2/2010	7	1010	7070	0.01	7.1	0	De-chlor,diffuser, gravel bags
109-103-75	Hydrant Flushing	Calabazas Creek	9/2/2010	7	1010	7070	0.01	7.2	0	De-chlor,diffuser, gravel bags
109-102-75	Hydrant Flushing	Calabazas Creek	9/2/2010	12	1010	13130	0	7.5	0	De-chlor,diffuser, gravel bags
109-104-75	Hydrant Flushing	Calabazas Creek	9/2/2010	6	1010	6060	0.01	7.7	0	De-chlor,diffuser, gravel bags
109-105-75	Hydrant Flushing	Calabazas Creek	9/2/2010	11	1010	11110	0	7.2	0	De-chlor,diffuser, gravel bags
110-101-75	Hydrant Flushing	Calabazas Creek	9/2/2010	17	1010	17170	0.01	7.6	0	De-chlor,diffuser, gravel bags
110-102-75	Hydrant Flushing	Calabazas Creek	9/2/2010	11	1010	11110	0	7.6	0	De-chlor,diffuser, gravel bags
110-107-75	Hydrant Flushing	Calabazas Creek	9/7/2010	8	1010	8080	0.01	7.3	0	De-chlor,diffuser, gravel bags
110-106-75	Hydrant Flushing	Calabazas Creek	9/7/2010	12	1010	7070	0	6.7	0	De-chlor,diffuser, gravel bags
110-105-75	Hydrant Flushing	Calabazas Creek	9/7/2010	9	1010	9090	0	6.8	0	De-chlor,diffuser, gravel bags
110-104-75	Hydrant Flushing	Calabazas Creek	9/7/2010	7	1404	9828	0	7	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
110-108-75	Hydrant Flushing	Calabazas Creek	9/7/2010	11	1384	12456	0	7.2	0	De-chlor,diffuser, gravel bags
110-110-75	Hydrant Flushing	Calabazas Creek	9/7/2010	6	1373	8238	0	7.2	0	De-chlor,diffuser, gravel bags
110-109-75	Hydrant Flushing	Calabazas Creek	9/7/2010	8	1394	11152	0	6.8	0	De-chlor,diffuser, gravel bags
110-103-75	Hydrant Flushing	Calabazas Creek	9/7/2010	7	1342	9394	0	7.1	0	De-chlor,diffuser, gravel bags
278-109-74	Hydrant Flushing	Calabazas Creek	9/7/2010	25	1332	33300	0	7	0	De-chlor,diffuser, gravel bags
111-109-75	Hydrant Flushing	Calabazas Creek	9/7/2010	8	1320	10560	0	7.8	0	De-chlor,diffuser, gravel bags
111-102-75	Hydrant Flushing	Calabazas Creek	9/7/2010	6	1352	8112	0.01	7.4	0	De-chlor,diffuser, gravel bags
111-101-75	Hydrant Flushing	Calabazas Creek	9/7/2010	9	1342	12078	0.02	7.1	0	De-chlor,diffuser, gravel bags
111-103-75	Hydrant Flushing	Calabazas Creek	9/7/2010	11	1320	14520	0.01	7.5	0	De-chlor,diffuser, gravel bags
111-108-75	Hydrant Flushing	Calabazas Creek	9/7/2010	13	1320	17160	0	7.7	0	De-chlor,diffuser, gravel bags
111-105-75	Hydrant Flushing	Calabazas Creek	9/7/2010	11	1310	14410	0.04	7.3	0	De-chlor,diffuser, gravel bags
111-106-75	Hydrant Flushing	Calabazas Creek	9/7/2010	11	1233	13563	0.03	7.7	0	De-chlor,diffuser, gravel bags
111-107-75	Hydrant Flushing	Calabazas Creek	9/7/2010	21	1300	27300	0.13	7.6	0	De-chlor,diffuser, gravel bags
111-104-75	Hydrant Flushing	Calabazas Creek	9/7/2010	11	1300	14300	0.1	7.6	0	De-chlor,diffuser, gravel bags
112-107-75	Hydrant Flushing	East Channel	9/8/2010	11	1221	13431	0.01	7	0	De-chlor,diffuser, gravel bags
112-101-75	Hydrant Flushing	East Channel	9/8/2010	8	1278	10224	0	7.3	0	De-chlor,diffuser, gravel bags
112-103-75	Hydrant Flushing	East Channel	9/8/2010	9	1278	11502	0.03	7.4	0	De-chlor,diffuser, gravel bags
112-103-75	Hydrant Flushing	East Channel	9/8/2010	8	1278	10224	0.02	7.4	0	De-chlor,diffuser, gravel bags
112-105-75	Hydrant Flushing	East Channel	9/8/2010	9	1310	11790	0.01	7.2	0	De-chlor,diffuser, gravel bags
112-106-75	Hydrant Flushing	East Channel	9/8/2010	10	1300	13000	0.01	7.1	0	De-chlor,diffuser, gravel bags
112-104-75	Hydrant Flushing	East Channel	9/8/2010	10	1255	12550	0	7.2	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
113-101-75	Hydrant Flushing	East Channel	9/8/2010	12	1198	13178	0	6.7	0	De-chlor,diffuser, gravel bags
113-102-75	Hydrant Flushing	East Channel	9/9/2010	23	1162	26726	0.01	7.4	0	De-chlor,diffuser, gravel bags
113-103-75	Hydrant Flushing	East Channel	9/9/2010	11	1168	12848	0.01	8.1	0	De-chlor,diffuser, gravel bags
113-104-75	Hydrant Flushing	East Channel	9/9/2010	7	1138	7966	0	7.7	0	De-chlor,diffuser, gravel bags
113-105-75	Hydrant Flushing	East Channel	9/9/2010	8	1150	9200	0.03	7.6	0	De-chlor,diffuser, gravel bags
116-106-75	Hydrant Flushing	East Channel	9/9/2010	8	1255	10040	0.02	7.10	0	De-chlor,diffuser, gravel bags
113-107-75	Hydrant Flushing	East Channel	9/9/2010	9	1255	11295	0.02	7.50	0	De-chlor,diffuser, gravel bags
113-108-75	Hydrant Flushing	East Channel	9/9/2010	8	1266	10128	0.03	7.40	0	De-chlor,diffuser, gravel bags
113-109-75	Hydrant Flushing	East Channel	9/9/2010	9	1278	11502	0.03	7.10	0	De-chlor,diffuser, gravel bags
Low hydrant on Mar	Hydrant Flushing	Calabazas Creek	9/9/2010	13	1500	19500	0.08	8.10	0	De-chlor,diffuser, gravel bags
Hydrant - No #	Hydrant Flushing	Calabazas Creek	9/9/2010	12	1500	18000	0.01	7.80	0	De-chlor,diffuser, gravel bags
Hydrant - No #	Hydrant Flushing	Calabazas Creek	9/9/2010	9	1500	13500	0	7.80	0	De-chlor,diffuser, gravel bags
Hydrant - No #	Hydrant Flushing	Calabazas Creek	9/9/2010	60	1500	90000	0.08	8.00	0	De-chlor,diffuser, gravel bags
113-110-75	Hydrant Flushing	East Channel	9/13/2010	11	1210	13310	0.02	7.60	0	De-chlor,diffuser, gravel bags
113-111-75	Hydrant Flushing	East Channel	9/13/2010	12	1186	14232	0.02	7.70	0	De-chlor,diffuser, gravel bags
113-114-75	Hydrant Flushing	East Channel	9/13/2010	12	1210	14520	0.05	7.60	0	De-chlor,diffuser, gravel bags
113-112-75	Hydrant Flushing	East Channel	9/13/2010	16	1186	18976	0.03	7.70	0	De-chlor,diffuser, gravel bags
113-113-75	Hydrant Flushing	East Channel	9/13/2010	11	1210	10890	0.03	7.70	0	De-chlor,diffuser, gravel bags
114-101-75	Hydrant Flushing	East Channel	9/13/2010	12	1162	13944	0.02	7.40	0	De-chlor,diffuser, gravel bags
389-101-75	Hydrant Flushing	East Channel	9/13/2010	8	1320	10560	0.03	7.00	0	De-chlor,diffuser, gravel bags
Ortega Flow Flowe	Hydrant Flushing	East Channel	9/13/2010	6	1440	8640	0.08	7.70	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
Hydrant - No #	Hydrant Flushing	East Channel	9/13/2010	7	1500	10500	0.05	7.50	0	De-chlor,diffuser, gravel bags
Hydrant - No #	Hydrant Flushing	East Channel	9/13/2010	6	1500	9000	0.1	7.50	0	De-chlor,diffuser, gravel bags
Hydrant - No #	Hydrant Flushing	East Channel	9/13/2010	35	1500	7500	0.08	7.50	0	De-chlor,diffuser, gravel bags
114-104-75	Hydrant Flushing	East Channel	9/13/2010	8	1125	9000	0.02	7.40	0	De-chlor,diffuser, gravel bags
114-108-75	Hydrant Flushing	East Channel	9/13/2010	9	1162	10458	0.16	7.50	0	De-chlor,diffuser, gravel bags
114-102-75	Hydrant Flushing	East Channel	9/13/2010	11	1162	12782	0.07	7.40	0	De-chlor,diffuser, gravel bags
114-106-74	Hydrant Flushing	East Channel	9/13/2010	10	1113	11130	0.01	7.30	0	De-chlor,diffuser, gravel bags
114-105-75	Hydrant Flushing	East Channel	9/13/2010	9	1138	10242	0	7.40	0	De-chlor,diffuser, gravel bags
115-106-75	Hydrant Flushing	East Channel	9/14/2010	9	1138	10242	0.02	7.40	0	De-chlor,diffuser, gravel bags
114-113-75	Hydrant Flushing	East Channel	9/14/2010	10	1174	11740	0.05	7.70	0	De-chlor,diffuser, gravel bags
114-111-75	Hydrant Flushing	East Channel	9/14/2010	8	1186	9488	0.01	7.40	0	De-chlor,diffuser, gravel bags
114-110-75	Hydrant Flushing	East Channel	9/14/2010	9	1162	10458	0.01	7.40	0	De-chlor,diffuser, gravel bags
114-109-75	Hydrant Flushing	East Channel	9/14/2010	9	1162	10458	0	7.40	0	De-chlor,diffuser, gravel bags
114-114-75	Hydrant Flushing	East Channel	9/14/2010	12	1198	14376	0.01	7.50	0	De-chlor,diffuser, gravel bags
114-112-75	Hydrant Flushing	East Channel	9/14/2010	9	1198	10782	0.02	7.20	0	De-chlor,diffuser, gravel bags
114-108-75	Hydrant Flushing	East Channel	9/14/2010	10	1186	11860	0.02	7.20	0	De-chlor,diffuser, gravel bags
114-107-75	Hydrant Flushing	East Channel	9/14/2010	9	1210	10890	0.03	7.20	0	De-chlor,diffuser, gravel bags
115-104-75	Hydrant Flushing	East Channel	9/14/2010	10	1174	11740	0.02	7.20	0	De-chlor,diffuser, gravel bags
115-105-75	Hydrant Flushing	East Channel	9/14/2010	12	1125	13500	0.03	7.20	0	De-chlor,diffuser, gravel bags
115-109-76	Hydrant Flushing	East Channel	9/14/2010	11	1138	12518	0.02	7.40	0	De-chlor,diffuser, gravel bags
115-101-74	Hydrant Flushing	East Channel	9/14/2010	9	1357	12168	0.02	7.40	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
115-102-74	Hydrant Flushing	East Channel	9/14/2010	18	1185	11850	0.05	7.50	0	De-chlor,diffuser, gravel bags
115-103-75	Hydrant Flushing	East Channel	9/15/2010	10	1087	10870	0	7.10	0	De-chlor,diffuser, gravel bags
115-107-75	Hydrant Flushing	East Channel	9/15/2010	16	1162	18592	0.04	7.20	0	De-chlor,diffuser, gravel bags
115-108-75	Hydrant Flushing	East Channel	9/15/2010	11	1138	12518	0	7.10	0	De-chlor,diffuser, gravel bags
116-104-74	Hydrant Flushing	East Channel	9/15/2010	7	1255	8785	0.05	7.10	0	De-chlor,diffuser, gravel bags
116-105-74	Hydrant Flushing	East Channel	9/15/2010	11	1125	12375	0.01	6.90	0	De-chlor,diffuser, gravel bags
116-106-74	Hydrant Flushing	East Channel	9/15/2010	12	1300	15600	0.03	7.20	0	De-chlor,diffuser, gravel bags
116-107-74	Hydrant Flushing	East Channel	9/15/2010	11	1278	14088	0.05	7.20	0	De-chlor,diffuser, gravel bags
116-103-75	Hydrant Flushing	East Channel	9/15/2010	8	1300	10400	0.02	7.10	0	De-chlor,diffuser, gravel bags
116-102-74	Hydrant Flushing	East Channel	9/15/2010	11	1332	14652	0.04	7.10	0	De-chlor,diffuser, gravel bags
116-101-74	Hydrant Flushing	East Channel	9/15/2010	13	1332	17316	0	7.00	0	De-chlor,diffuser, gravel bags
117-102-74	Hydrant Flushing	Stevens Creek	9/16/2010	11	1273	13563	0.02	7.40	0	De-chlor,diffuser, gravel bags
117-109-74	Hydrant Flushing	Stevens Creek	9/16/2010	9	1186	10674	0.03	7.60	0	De-chlor,diffuser, gravel bags
117-101-74	Hydrant Flushing	Stevens Creek	9/16/2010	9	1233	11097	0	7.40	0	De-chlor,diffuser, gravel bags
117-108-74	Hydrant Flushing	Stevens Creek	9/16/2010	13	1198	15574	0.05	7.40	0	De-chlor,diffuser, gravel bags
117-108-74	Hydrant Flushing	East Channel	9/16/2010	10	1278	12780	0.01	7.30	0	De-chlor,diffuser, gravel bags
117-107-74	Hydrant Flushing	East Channel	9/16/2010	7	1244	8708	0.03	7.30	0	De-chlor,diffuser, gravel bags
117-104-74	Hydrant Flushing	East Channel	9/16/2010	12	1320	15840	0.03	7.40	0	De-chlor,diffuser, gravel bags
117-106-74	Hydrant Flushing	East Channel	9/16/2010	11	1300	14300	0.03	7.30	0	De-chlor,diffuser, gravel bags
117-105-74	Hydrant Flushing	East Channel	9/16/2010	7	1310	9170	0.02	7.50	0	De-chlor,diffuser, gravel bags
118-101-75	Hydrant Flushing	Stevens Creek	9/16/2010	11	1278	14058	0.03	7.60	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
118-102-74	Hydrant Flushing	Stevens Creek	9/16/2010	8	1289	10312	0.02	7.70	0	De-chlor,diffuser, gravel bags
118-103-75	Hydrant Flushing	Stevens Creek	9/16/2010	8	1255	10040	0.03	7.50	0	De-chlor,diffuser, gravel bags
118-104-74	Hydrant Flushing	Stevens Creek	9/16/2010	16	1221	19536	0.01	7.40	0	De-chlor,diffuser, gravel bags
118-105-74	Hydrant Flushing	Stevens Creek	9/16/2010	8	1289	10312	0.03	7.40	0	De-chlor,diffuser, gravel bags
118-106-74	Hydrant Flushing	Stevens Creek	9/16/2010	9	1278	11502	0.01	8.00	0	De-chlor,diffuser, gravel bags
119-103-74	Hydrant Flushing	Stevens Creek	9/20/2010	11	1210	13310	0.01	7.60	0	De-chlor,diffuser, gravel bags
119-107-74	Hydrant Flushing	Stevens Creek	9/20/2010	8	1210	9680	0.05	7.40	0	De-chlor,diffuser, gravel bags
119-106-74	Hydrant Flushing	Stevens Creek	9/20/2010	8	1221	9768	0.02	7.60	0	De-chlor,diffuser, gravel bags
119-104-74	Hydrant Flushing	Stevens Creek	9/20/2010	9	1255	11295	0.02	7.60	0	De-chlor,diffuser, gravel bags
119-105-74	Hydrant Flushing	Stevens Creek	9/20/2010	13	1255	15060	0	7.40	0	De-chlor,diffuser, gravel bags
119-102-74	Hydrant Flushing	Stevens Creek	9/20/2010	11	1278	14058	0.01	7.70	0	De-chlor,diffuser, gravel bags
119-101-74	Hydrant Flushing	Stevens Creek	9/20/2010	9	1278	11502	0.01	7.50	0	De-chlor,diffuser, gravel bags
120-101-74	Hydrant Flushing	Stevens Creek	9/20/2010	10	1233	12330	0.02	7.40	0	De-chlor,diffuser, gravel bags
120-102-74	Hydrant Flushing	Stevens Creek	9/20/2010	9	1244	11196	0.03	7.50	0	De-chlor,diffuser, gravel bags
120-104-75	Hydrant Flushing	Stevens Creek	9/20/2010	12	1210	14520	0.02	7.80	0	De-chlor,diffuser, gravel bags
120-103-74	Hydrant Flushing	Stevens Creek	9/20/2010	8	1266	10128	0.03	7.70	0	De-chlor,diffuser, gravel bags
121-102-75	Hydrant Flushing	Stevens Creek	9/20/2010	8	1233	9864	0.01	7.80	0	De-chlor,diffuser, gravel bags
121-101-74	Hydrant Flushing	Stevens Creek	9/20/2010	12	1244	14928	0.03	7.80	0	De-chlor,diffuser, gravel bags
122-107-74	Hydrant Flushing	Stevens Creek	9/20/2010	9	1266	10128	0.03	7.50	0	De-chlor,diffuser, gravel bags
122-109-74	Hydrant Flushing	Stevens Creek	9/20/2010	11	1266	13926	0	7.50	0	De-chlor,diffuser, gravel bags
122-110-75	Hydrant Flushing	Stevens Creek	9/20/2010	14	1278	17892	0.01	7.60	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
122-108-75	Hydrant Flushing	Stevens Creek	9/20/2010	8	1244	9952	0.01	7.70	0	De-chlor,diffuser, gravel bags
122-111-75	Hydrant Flushing	Stevens Creek	9/20/2010	11	1210	13310	0.02	7.60	0	De-chlor,diffuser, gravel bags
122-106-75	Hydrant Flushing	Stevens Creek	9/21/2010	11	1138	12518	0.03	7.40	0	De-chlor,diffuser, gravel bags
122-105-74	Hydrant Flushing	Stevens Creek	9/21/2010	9	1186	9488	0.03	7.50	0	De-chlor,diffuser, gravel bags
122-104-74	Hydrant Flushing	Stevens Creek	9/21/2010	9	1300	11700	0.01	7.50	0	De-chlor,diffuser, gravel bags
122-103-75	Hydrant Flushing	Stevens Creek	9/21/2010	12	1221	14652	0.02	7.40	0	De-chlor,diffuser, gravel bags
122-101-74	Hydrant Flushing	Stevens Creek	9/21/2010	13	1255	17570	0.03	7.50	0	De-chlor,diffuser, gravel bags
122-102-75	Hydrant Flushing	Stevens Creek	9/21/2010	9	1186	10674	0.02	7.40	0	De-chlor,diffuser, gravel bags
123-101-74	Hydrant Flushing	Stevens Creek	9/21/2010	9	1300	11700	0.03	7.00	0	De-chlor,diffuser, gravel bags
123-105-74	Hydrant Flushing	Stevens Creek	9/21/2010	13	1320	17160	0	7.40	0	De-chlor,diffuser, gravel bags
123-104-74	Hydrant Flushing	Stevens Creek	9/21/2010	11	1300	14300	0.02	7.40	0	De-chlor,diffuser, gravel bags
123-103-74	Hydrant Flushing	Stevens Creek	9/21/2010	11	1300	14300	0.03	7.50	0	De-chlor,diffuser, gravel bags
123-102-74	Hydrant Flushing	Stevens Creek	9/21/2010	8	1300	10400	0	7.50	0	De-chlor,diffuser, gravel bags
124-105-74	Hydrant Flushing	Stevens Creek	9/21/2010	10	1320	13200	0.03	7.50	0	De-chlor,diffuser, gravel bags
124-102-74	Hydrant Flushing	Stevens Creek	9/21/2010	8	1320	10560	0.03	7.40	0	De-chlor,diffuser, gravel bags
124-101-74	Hydrant Flushing	Stevens Creek	9/21/2010	11	1300	14300	0.02	7.40	0	De-chlor,diffuser, gravel bags
124-106-74	Hydrant Flushing	Stevens Creek	9/21/2010	11	1300	14300	0	7.50	0	De-chlor,diffuser, gravel bags
124-107-74	Hydrant Flushing	Stevens Creek	9/21/2010	9	1320	11880	0.02	7.40	0	De-chlor,diffuser, gravel bags
124-104-74	Hydrant Flushing	Stevens Creek	9/21/2010	10	1300	13000	0.03	7.40	0	De-chlor,diffuser, gravel bags
124-103-75	Hydrant Flushing	Stevens Creek	9/21/2010	11	1310	14410	0	7.40	0	De-chlor,diffuser, gravel bags
125-107-75	Hydrant Flushing	East Channel	9/22/2010	10	1289	12890	0.02	7.40	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
125-106-75	Hydrant Flushing	East Channel	9/22/2010	12	1266	13926	0.01	7.30	0	De-chlor,diffuser, gravel bags
125-105-74	Hydrant Flushing	East Channel	9/22/2010	9	1320	11880	0	7.40	0	De-chlor,diffuser, gravel bags
125-104-74	Hydrant Flushing	East Channel	9/22/2010	9	1342	12078	0.04	7.20	0	De-chlor,diffuser, gravel bags
125-103-74	Hydrant Flushing	East Channel	9/22/2010	9	1342	12078	0	7.20	0	De-chlor,diffuser, gravel bags
125-102-74	Hydrant Flushing	East Channel	9/22/2010	10	1352	13520	0.03	7.20	0	De-chlor,diffuser, gravel bags
125-101-74	Hydrant Flushing	Stevens Creek	9/22/2010	11	1352	14872	0.03	7.20	0	De-chlor,diffuser, gravel bags
125-112-75	Hydrant Flushing	Stevens Creek	9/22/2010	13	1310	17030	0	7.20	0	De-chlor,diffuser, gravel bags
125-108-75	Hydrant Flushing	Stevens Creek	9/22/2010	11	1342	14762	0.03	7.20	0	De-chlor,diffuser, gravel bags
125-113-75	Hydrant Flushing	Stevens Creek	9/22/2010	8	1352	10816	0.02	7.30	0	De-chlor,diffuser, gravel bags
125-111-75	Hydrant Flushing	Stevens Creek	9/22/2010	8	1310	10480	0.03	7.30	0	De-chlor,diffuser, gravel bags
125-110-75	Hydrant Flushing	Stevens Creek	9/22/2010	12	1332	15984	0	7.20	0	De-chlor,diffuser, gravel bags
125-109-75	Hydrant Flushing	Stevens Creek	9/22/2010	8	1320	10560	0	7.30	0	De-chlor,diffuser, gravel bags
126-103-75	Hydrant Flushing	Stevens Creek	9/22/2010	7	1320	9240	0	7.10	0	De-chlor,diffuser, gravel bags
126-101-75	Hydrant Flushing	Stevens Creek	9/22/2010	9	1320	11880	0.01	7.20	0	De-chlor,diffuser, gravel bags
310-107-75	Hydrant Flushing	East Channel	9/27/2010	16	1320	19800	0.04	7.90	0	De-chlor,diffuser, gravel bags
126-102-75	Hydrant Flushing	East Channel	9/28/2010	11	1320	14520	0.04	7.70	0	De-chlor,diffuser, gravel bags
126-107-75	Hydrant Flushing	East Channel	9/28/2010	12	1186	14232	0.04	7.20	0	De-chlor,diffuser, gravel bags
126-104-75	Hydrant Flushing	East Channel	9/28/2010	11	1198	13178	0.02	7.40	0	De-chlor,diffuser, gravel bags
126-105-75	Hydrant Flushing	East Channel	9/28/2010	13	1210	15730	0.09	7.30	0	De-chlor,diffuser, gravel bags
126-106-75	Hydrant Flushing	East Channel	9/28/2010	18	1087	19566	0.04	7.20	0	De-chlor,diffuser, gravel bags
127-104-74	Hydrant Flushing	East Channel	9/28/2010	11	1210	13310	0.02	7.40	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
127-105-75	Hydrant Flushing	East Channel	9/28/2010	14	1186	16562	0.02	7.40	0	De-chlor,diffuser, gravel bags
127-106-75	Hydrant Flushing	East Channel	9/28/2010	11	1186	13046	0	7.30	0	De-chlor,diffuser, gravel bags
127-108-74	Hydrant Flushing	East Channel	9/28/2010	9	1210	10890	0	7.40	0	De-chlor,diffuser, gravel bags
127-102-74	Hydrant Flushing	East Channel	9/28/2010	13	1233	16029	0	7.40	0	De-chlor,diffuser, gravel bags
127-10-74	Hydrant Flushing	East Channel	9/28/2010	12	1210	14520	0.04	7.30	0	De-chlor,diffuser, gravel bags
128-108-75	Hydrant Flushing	East Channel	9/28/2010	13	1244	16172	0.08	7.80	0	De-chlor,diffuser, gravel bags
128-101-75	Hydrant Flushing	East Channel	9/28/2010	12	1333	15996	0.07	7.80	0	De-chlor,diffuser, gravel bags
128-102-75	Hydrant Flushing	East Channel	9/28/2010	15	1289	16757	0.08	7.60	0	De-chlor,diffuser, gravel bags
128-106-75	Hydrant Flushing	East Channel	9/29/2010	11	1210	13310	0.03	7.60	0	De-chlor,diffuser, gravel bags
128-107-75	Hydrant Flushing	East Channel	9/29/2010	10	1210	12100	0.04	7.70	0	De-chlor,diffuser, gravel bags
128-105-75	Hydrant Flushing	East Channel	9/29/2010	13	1210	15730	0.09	7.10	0	De-chlor,diffuser, gravel bags
129-107-75	Hydrant Flushing	East Channel	9/29/2010	12	1300	15600	0.09	7.40	0	De-chlor,diffuser, gravel bags
129-106-75	Hydrant Flushing	East Channel	9/29/2010	9	1278	11502	0.03	7.40	0	De-chlor,diffuser, gravel bags
129-103-74	Hydrant Flushing	East Channel	9/29/2010	12	1320	15840	0.08	7.30	0	De-chlor,diffuser, gravel bags
129-102-74	Hydrant Flushing	East Channel	9/29/2010	13	1310	17030	0.08	7.60	0	De-chlor,diffuser, gravel bags
129-101-75	Hydrant Flushing	East Channel	9/29/2010	13	1320	17160	0.07	7.40	0	De-chlor,diffuser, gravel bags
129-104-74	Hydrant Flushing	East Channel	9/29/2010	9	1300	11700	0.1	7.20	0	De-chlor,diffuser, gravel bags
129-105-74	Hydrant Flushing	East Channel	9/29/2010	9	1210	10890	0.04	7.10	0	De-chlor,diffuser, gravel bags
129-110-75	Hydrant Flushing	East Channel	9/29/2010	9	1320	11880	0.09	7.60	0	De-chlor,diffuser, gravel bags
129-104-74	Hydrant Flushing	East Channel	9/29/2010	12	1320	15840	0.09	7.50	0	De-chlor,diffuser, gravel bags
129-108-74	Hydrant Flushing	East Channel	9/29/2010	16	1320	21120	0.08	7.40	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
129-111-74	Hydrant Flushing	East Channel	9/29/2010	9	1342	12078	0	7.10	0	De-chlor,diffuser, gravel bags
129-114-75	Hydrant Flushing	East Channel	9/29/2010	19	1342	12078	0.09	7.40	0	De-chlor,diffuser, gravel bags
129-113-75	Hydrant Flushing	East Channel	9/29/2010	10	1342	13420	0.07	7.20	0	De-chlor,diffuser, gravel bags
129-112-75	Hydrant Flushing	East Channel	9/29/2010	9	1363	12267	0.09	7.30	0	De-chlor,diffuser, gravel bags
130-101-75	Hydrant Flushing	East Channel	9/29/2010	14	1363	19082	0.11	7.60	0	De-chlor,diffuser, gravel bags
92-104-75	Hydrant Flushing	Calabazas Creek	9/30/2010	11	1210	13310	0.07	7.40	0	De-chlor,diffuser, gravel bags
92-109-75	Hydrant Flushing	Calabazas Creek	9/30/2010	10	1138	11380	0.09	7.60	0	De-chlor,diffuser, gravel bags
109-106-75	Hydrant Flushing	Calabazas Creek	9/30/2010	9	1384	12456	0.09	7.50	0	De-chlor,diffuser, gravel bags
109-107-75	Hydrant Flushing	Calabazas Creek	9/30/2010	6	1424	12816	0.04	7.60	0	De-chlor,diffuser, gravel bags
130-103-75	Hydrant Flushing	East Channel	9/30/2010	11	1342	16104	0	7.40	0	De-chlor,diffuser, gravel bags
130-102-75	Hydrant Flushing	East Channel	9/30/2010	14	1342	1328	0.01	7.20	0	De-chlor,diffuser, gravel bags
130-104-74	Hydrant Flushing	East Channel	10/11/2010	19	1310	24890	0.2	7.3	0	De-chlor,diffuser, gravel bags
130-107-75	Hydrant Flushing	Calabazas Creek	10/11/2010	19	1310	11790	0.05	6.9	0	De-chlor,diffuser, gravel bags
130-108-75	Hydrant Flushing	Calabazas Creek	10/11/2010	9	1352	14872	0.08	7.1	0	De-chlor,diffuser, gravel bags
130-105-75	Hydrant Flushing	Calabazas Creek	10/11/2010	6	1320	6600	0.12	7.2	0	De-chlor,diffuser, gravel bags
130-106-75	Hydrant Flushing	Calabazas Creek	10/11/2010	11	1300	14,300	0.02	7.4	0	De-chlor,diffuser, gravel bags
131-102-75	Hydrant Flushing	Calabazas Creek	10/11/2010	13	1320	17160	0.01	7.1	0	De-chlor,diffuser, gravel bags
131-111-75	Hydrant Flushing	Calabazas Creek	10/12/2010	12	1278	15336	0.03	7.4	0	De-chlor,diffuser, gravel bags
131-104-75	Hydrant Flushing	Calabazas Creek	10/12/2010	11	1363	14993	0.11	7.4	0	De-chlor,diffuser, gravel bags
131-105-75	Hydrant Flushing	Calabazas Creek	10/12/2010	11	1404	15444	0.08	7.2	0	De-chlor,diffuser, gravel bags
131-106-75	Hydrant Flushing	Calabazas Creek	10/12/2010	10	1384	13840	0.12	7.3	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
131-107-75	Hydrant Flushing	Calabazas Creek	10/12/2010	11	1404	15444	0.04	7.2	0	De-chlor,diffuser, gravel bags
131-109-75	Hydrant Flushing	Calabazas Creek	10/12/2010	15	1424	21360	0.01	7.4	0	De-chlor,diffuser, gravel bags
131-108-75	Hydrant Flushing	Calabazas Creek	10/12/2010	11	1384	15224	0.02	7.4	0	De-chlor,diffuser, gravel bags
131-101-75	Hydrant Flushing	Calabazas Creek	10/12/2010	11	1373	15103	0	7.8	0	De-chlor,diffuser, gravel bags
131-110-75	Hydrant Flushing	Calabazas Creek	10/12/2010	11	1342	14762	0	7	0	De-chlor,diffuser, gravel bags
131-103-75	Hydrant Flushing	Calabazas Creek	10/13/2010	22	1300	28600	0	6.4	0	De-chlor,diffuser, gravel bags
282-104-75	Hydrant Flushing	East Channel	10/13/2010	13	1244	16172	0.08	7.4	0	De-chlor,diffuser, gravel bags
132-108-75	Hydrant Flushing	Calabazas Creek	10/13/2010	11	1384	15224	0.12	7	0	De-chlor,diffuser, gravel bags
132-101-75	Hydrant Flushing	Calabazas Creek	10/13/2010	14	1384	19376	0.04	7.3	0	De-chlor,diffuser, gravel bags
132-103-75	Hydrant Flushing	Calabazas Creek	10/13/2010	11	1414	15554	0.08	7.2	0	De-chlor,diffuser, gravel bags
132-103-75	Hydrant Flushing	Calabazas Creek	10/13/2010	9	1414	12726	0.14	7.1	0	De-chlor,diffuser, gravel bags
132-104-75	Hydrant Flushing	Calabazas Creek	10/13/2010	9	1414	12726	0	7	0	De-chlor,diffuser, gravel bags
135-101-75	Hydrant Flushing	Calabazas Creek	10/13/2010	14	1500	21000	0.26	7.2	0	De-chlor,diffuser, gravel bags
135-102-75	Hydrant Flushing	Calabazas Creek	10/13/2010	10	1500	15000	0.11	7.2	0	De-chlor,diffuser, gravel bags
135-104-75	Hydrant Flushing	Calabazas Creek	10/13/2010	12	1500	18000	0.08	7.4	0	De-chlor,diffuser, gravel bags
135-103-75	Hydrant Flushing	Calabazas Creek	10/13/2010	12	1500	18000	0.18	7.2	0	De-chlor,diffuser, gravel bags
146-105-75	Hydrant Flushing	Calabazas Creek	10/13/2010	11	1500	16500	0.07	7.4	0	De-chlor,diffuser, gravel bags
146-104-75	Hydrant Flushing	Calabazas Creek	10/13/2010	11	1500	16500	0	7.6	0	De-chlor,diffuser, gravel bags
128-104-75	Hydrant Flushing	East Channel	10/14/2010	12	1186	14232	0.12	7.5	0	De-chlor,diffuser, gravel bags
128-103-75	Hydrant Flushing	East Channel	10/14/2010	11	1221	13431	0.08	7.5	0	De-chlor,diffuser, gravel bags
128-109-75	Hydrant Flushing	East Channel	10/14/2010	11	1186	13046	0.14	7.5	0	De-chlor,diffuser, gravel bags

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128-110-75	Hydrant Flushing	East Channel	10/14/2010	12	1186	14232	0.07	7.5	0	De-chlor,diffuser, gravel bags
132-109-75	Hydrant Flushing	Calabazas Creek	10/14/2010	7	1500	10500	0.08	7.2	0	De-chlor,diffuser, gravel bags
132-105-75	Hydrant Flushing	Calabazas Creek	10/14/2010	9	1424	12816	0.02	7.4	0	De-chlor,diffuser, gravel bags
132-106-75	Hydrant Flushing	Calabazas Creek	10/14/2010	11	1373	15103	0.08	7.3	0	De-chlor,diffuser, gravel bags
132-107-75	Hydrant Flushing	Calabazas Creek	10/14/2010	9	1384	12456	0	7.3	0	De-chlor,diffuser, gravel bags
146-103-75	Hydrant Flushing	Calabazas Creek	10/14/2010	21	1500	31500	0.01	7	0	De-chlor,diffuser, gravel bags
146-107-75	Hydrant Flushing	Calabazas Creek	10/14/2010	13	1424	32752	0.05	7.1	0	De-chlor,diffuser, gravel bags
146-101-75	Hydrant Flushing	Calabazas Creek	10/14/2010	11	1482	16302	0.09	7.1	0	De-chlor,diffuser, gravel bags
146-108-75	Hydrant Flushing	Calabazas Creek	10/14/2010	12	1500	18000	0.08	7	0	De-chlor,diffuser, gravel bags
146-106-75	Hydrant Flushing	Calabazas Creek	10/14/2010	13	1500	19500	0.12	7.2	0	De-chlor,diffuser, gravel bags
146-102-75	Hydrant Flushing	Calabazas Creek	10/14/2010	12	1500	18000	0.04	7.6	0	De-chlor,diffuser, gravel bags
147-103-75	Hydrant Flushing	Calabazas Creek	10/14/2010	11	1491	16401	0	7.4	0	De-chlor,diffuser, gravel bags
147-102-75	Hydrant Flushing	Calabazas Creek	10/14/2010	11	1482	16302	0.05	7.2	0	De-chlor,diffuser, gravel bags
147-101-75	Hydrant Flushing	Calabazas Creek	10/14/2010	9	1491	13419	0.08	7.2	0	De-chlor,diffuser, gravel bags
147-104-75	Hydrant Flushing	Calabazas Creek	10/21/2010	11	1443	15871	0.1	7.6	0	De-chlor,diffuser, gravel bags
147-110-75	Hydrant Flushing	Calabazas Creek	10/21/2010	11	1443	15873	0.36	7.2	0	De-chlor,diffuser, gravel bags
147-111-75	Hydrant Flushing	Calabazas Creek	10/21/2010	13	1433	18629	0.42	7.6	0	De-chlor,diffuser, gravel bags
147-112-75	Hydrant Flushing	Calabazas Creek	10/21/2010	11	1433	15763	0.12	7.5	0	De-chlor,diffuser, gravel bags
147-105-75	Hydrant Flushing	Calabazas Creek	10/21/2010	9	1463	16093	0.26	7.4	0	De-chlor,diffuser, gravel bags
147-106-75	Hydrant Flushing	Calabazas Creek	10/21/2010	10	1463	14630	0.18	7.5	0	De-chlor,diffuser, gravel bags
147-107-75	Hydrant Flushing	Calabazas Creek	10/26/2010	11	1500	16500	0.1	7.4	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
147-108-75	Hydrant Flushing	Calabazas Creek	10/26/2010	10	1427	14270	0.04	7.3	0	De-chlor,diffuser, gravel bags
147-109-75	Hydrant Flushing	Calabazas Creek	10/26/2010	10	1414	14140	0.01	7.4	0	De-chlor,diffuser, gravel bags
148-101-75	Hydrant Flushing	Calabazas Creek	10/26/2010	15	1414	21210	0.06	7	0	De-chlor,diffuser, gravel bags
148-102-75	Hydrant Flushing	Calabazas Creek	10/26/2010	10	1320	13200	0.09	7.2	0	De-chlor,diffuser, gravel bags
149-105-75	Hydrant Flushing	Calabazas Creek	10/26/2010	10	1443	12987	0.12	7.4	0	De-chlor,diffuser, gravel bags
150-104-75	Hydrant Flushing	Calabazas Creek	10/26/2010	8	1320	10566	0.09	7.3	0	De-chlor,diffuser, gravel bags
150-103-75	Hydrant Flushing	Calabazas Creek	10/26/2010	10	1320	13200	0.17	7	0	De-chlor,diffuser, gravel bags
150-102-75	Hydrant Flushing	Calabazas Creek	10/26/2010	36	1453	8718	0.02	7.10	0	De-chlor,diffuser, gravel bags
150-101-75	Hydrant Flushing	Calabazas Creek	10/26/2010	13	1453	20342	0.04	7.20	0	De-chlor,diffuser, gravel bags
150-105-75	Hydrant Flushing	Calabazas Creek	10/26/2010	9	1326	11880	0.12	7.10	0	De-chlor,diffuser, gravel bags
150-107-75	Hydrant Flushing	Calabazas Creek	10/26/2010	10	1320	13200	0.01	7.00	0	De-chlor,diffuser, gravel bags
150-106-75	Hydrant Flushing	Calabazas Creek	10/26/2010	14	1320	18480	0.04	7.30	0	De-chlor,diffuser, gravel bags
151-106-75	Hydrant Flushing	Calabazas Creek	10/26/2010	8	1384	11072	0.09	7.50	0	De-chlor,diffuser, gravel bags
151-108-75	Hydrant Flushing	Calabazas Creek	10/26/2010	12	1414	16968	0.02	7.30	0	De-chlor,diffuser, gravel bags
151-107-75	Hydrant Flushing	Calabazas Creek	10/26/2010	10	1404	14040	0.01	7.20	0	De-chlor,diffuser, gravel bags
151-108-75	Hydrant Flushing	Calabazas Creek	10/26/2010	8	1384	11072	0.07	7.40	0	De-chlor,diffuser, gravel bags
151-110-75	Hydrant Flushing	Calabazas Creek	10/26/2010	9	1414	12726	0.03	7.40	0	De-chlor,diffuser, gravel bags
151-105-75	Hydrant Flushing	Calabazas Creek	10/27/2010	11	1404	15444	0.1	7.00	0	De-chlor,diffuser, gravel bags
151-104-75	Hydrant Flushing	East Channel	10/27/2010	8	1310	10480	0.03	7.10	0	De-chlor,diffuser, gravel bags
151-103-75	Hydrant Flushing	East Channel	10/27/2010	11	1367	15017	0.01	7.10	0	De-chlor,diffuser, gravel bags
151-102-75	Hydrant Flushing	East Channel	10/27/2010	17	1404	23868	0.07	7.00	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
151-101-75	Hydrant Flushing	East Channel	10/27/2010	12	1427	17124	0.08	7.30	0	De-chlor,diffuser, gravel bags
151-112-75	Hydrant Flushing	East Channel	10/27/2010	12	1447	17364	0.15	7.20	0	De-chlor,diffuser, gravel bags
151-111-75	Hydrant Flushing	East Channel	10/27/2010	13	1515	19695	0.07	7.00	0	De-chlor,diffuser, gravel bags
Hydrant - No #; off transmission main - Raynor well	Hydrant Flushing	Calabazas Creek	11/1/2010	15	1500	22500	0.1	7.8	0	De-chlor,diffuser, gravel bags
Hydrant - No #; off transmission main - Raynor well	Hydrant Flushing	Calabazas Creek	11/1/2010	10	1500	15000	0.08	7.6	0	De-chlor,diffuser, gravel bags
Hydrant - No #; off transmission main - Raynor well	Hydrant Flushing	Calabazas Creek	11/1/2011	11	1500	13500	0.09	7.7	0	De-chlor,diffuser, gravel bags
Hydrant - No #; off transmission main - Raynor well	Hydrant Flushing	Calabazas Creek	11/1/2010	12	1500	3000	0.05	7.8	0	De-chlor,diffuser, gravel bags
152-111-75	Hydrant Flushing	East Channel	11/1/2010	12	1361	16,256	0.12	7.3	0	De-chlor,diffuser, gravel bags
152-108-74	Hydrant Flushing	East Channel	11/1/2010	11	1278	11475	0.01	7.6	0	De-chlor,diffuser, gravel bags
152-109-74	Hydrant Flushing	East Channel	11/1/2010	10	1332	13320	0.01	7.1	0	De-chlor,diffuser, gravel bags
152-110-74	Hydrant Flushing	East Channel	11/1/2010	9	1363	12267	0.01	7	0	De-chlor,diffuser, gravel bags
152-107-74	Hydrant Flushing	East Channel	11/1/2010	12	1363	16356	0.03	7.2	0	De-chlor,diffuser, gravel bags
152-101-74	Hydrant Flushing	East Channel	11/4/2010	11	1342	14762	0.01	7.5	0	De-chlor,diffuser, gravel bags
152-102-74	Hydrant Flushing	East Channel	11/4/2010	11	1342	14762	0.04	7.4	0	De-chlor,diffuser, gravel bags
152-103-74	Hydrant Flushing	East Channel	11/4/2010	11	1342	14762	0.08	7.4	0	De-chlor,diffuser, gravel bags
152-104-75	Hydrant Flushing	East Channel	11/4/2010	12	1320	15840	0	7	0	De-chlor,diffuser, gravel bags
152-105-74	Hydrant Flushing	East Channel	11/4/2010	8	1278	10224	0.01	7.1	0	De-chlor,diffuser, gravel bags
152-106-75	Hydrant Flushing	East Channel	11/4/2010	11	1278	11502	0.02	7.5	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
153-101-75	Hydrant Flushing	East Channel	11/9/2010	12	1300	15600	0.05	7.6	0	De-chlor,diffuser, gravel bags
153-119-75	Hydrant Flushing	East Channel	11/9/2010	10	1342	13420	0.01	7.4	0	De-chlor,diffuser, gravel bags
153-118-75	Hydrant Flushing	East Channel	11/9/2010	13	1320	17160	0.03	7.6	0	De-chlor,diffuser, gravel bags
153-120-75	Hydrant Flushing	East Channel	11/9/2010	11	1320	14520	0.08	7.6	0	De-chlor,diffuser, gravel bags
153-102-75	Hydrant Flushing	East Channel	11/9/2010	12	1320	15840	0.02	7.6	0	De-chlor,diffuser, gravel bags
153-113-75	Hydrant Flushing	East Channel	11/9/2010	15	1320	15840	0.01	7.4	0	De-chlor,diffuser, gravel bags
153-112-75	Hydrant Flushing	East Channel	11/9/2010	10	1320	13200	0	7.3	0	De-chlor,diffuser, gravel bags
153-104-75	Hydrant Flushing	East Channel	11/9/2010	14	1320	18480	0.12	7.6	0	De-chlor,diffuser, gravel bags
153-105-75	Hydrant Flushing	East Channel	11/9/2010	12	1320	15840	0.04	7.4	0	De-chlor,diffuser, gravel bags
153-106-75	Hydrant Flushing	East Channel	11/9/2010	14	1320	18480	0.01	7.4	0	De-chlor,diffuser, gravel bags
153-107-75	Hydrant Flushing	East Channel	11/9/2010	12	1320	14520	0.04	7.6	0	De-chlor,diffuser, gravel bags
153-117-75	Hydrant Flushing	East Channel	11/9/2010	14	1320	18480	0.08	7.4	0	De-chlor,diffuser, gravel bags
153-110-75	Hydrant Flushing	East Channel	11/9/2010	12	1278	15336	0.03	7.6	0	De-chlor,diffuser, gravel bags
153-109-75	Hydrant Flushing	East Channel	11/9/2010	4	1278	5112	0.07	7.4	0	De-chlor,diffuser, gravel bags
153-108-75	Hydrant Flushing	East Channel	11/9/2010	13	1278	16614	0.12	7.3	0	De-chlor,diffuser, gravel bags
154-101-74	Hydrant Flushing	East Channel	11/11/2010	9	1255	11295	0	7.5	0	De-chlor,diffuser, gravel bags
154-102-75	Hydrant Flushing	East Channel	11/11/2010	11	1255	13805	0.03	7.4	0	De-chlor,diffuser, gravel bags
154-103-75	Hydrant Flushing	East Channel	11/11/2010	10	1255	12550	0.06	7.5	0	De-chlor,diffuser, gravel bags
154-104-75	Hydrant Flushing	East Channel	11/11/2010	9	1255	13805	0.03	7.5	0	De-chlor,diffuser, gravel bags
156-104-74	Hydrant Flushing	East Channel	11/11/2010	13	1255	16315	0.03	7.5	0	De-chlor,diffuser, gravel bags
156-103-74	Hydrant Flushing	East Channel	11/11/2010	9	1278	11502	0.07	7.5	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
156-105-74	Hydrant Flushing	East Channel	11/11/2010	8	1278	10224	0.12	7.4	0	De-chlor,diffuser, gravel bags
156-102-75	Hydrant Flushing	East Channel	11/11/2010	9	1186	10674	0.01	7.3	0	De-chlor,diffuser, gravel bags
156-101-75	Hydrant Flushing	East Channel	11/11/2010	11	1186	13046	0.03	7	0	De-chlor,diffuser, gravel bags
157-101-74	Hydrant Flushing	East Channel	11/11/2010	11	1278	14088	0.04	7.4	0	De-chlor,diffuser, gravel bags
157-102-75	Hydrant Flushing	East Channel	11/11/2010	11	1278	14058	0.01	7.8	0	De-chlor,diffuser, gravel bags
157-103-75	Hydrant Flushing	Stevens Creek	11/11/2010	13	1278	16614	0	7.5	0	De-chlor,diffuser, gravel bags
157-108-74	Hydrant Flushing	Stevens Creek	11/11/2010	11	1278	14058	0	7.1	0	De-chlor,diffuser, gravel bags
157-109-74	Hydrant Flushing	Stevens Creek	11/11/2010	11	1278	14058	0.03	7.2	0	De-chlor,diffuser, gravel bags
157-111-74	Hydrant Flushing	Stevens Creek	11/11/2010	12	1278	15336	0	7.4	0	De-chlor,diffuser, gravel bags
157-111-74	Hydrant Flushing	Stevens Creek	11/11/2010	12	1278	15336	0.01	7.3	0	De-chlor,diffuser, gravel bags
153-111-75	Hydrant Flushing	East Channel	11/15/2010	8	1244	9952	0	7.3	0	De-chlor,diffuser, gravel bags
155-101-75	Hydrant Flushing	East Channel	11/15/2010	10	1210	12100	0	7.4	0	De-chlor,diffuser, gravel bags
155-102-75	Hydrant Flushing	East Channel	11/15/2010	11	1198	13178	0.03	7.3	0	De-chlor,diffuser, gravel bags
155-103-75	Hydrant Flushing	East Channel	11/15/2010	12	1255	15066	0.11	7.2	0	De-chlor,diffuser, gravel bags
155-104-75	Hydrant Flushing	East Channel	11/16/2010	11	1221	13431	0.03	7.3	0	De-chlor,diffuser, gravel bags
155-105-74	Hydrant Flushing	East Channel	11/16/2010	11	1255	13805	0	7.2	0	De-chlor,diffuser, gravel bags
155-106-75	Hydrant Flushing	East Channel	11/16/2010	11	1278	14058	0	7.1	0	De-chlor,diffuser, gravel bags
155-107-75	Hydrant Flushing	East Channel	11/16/2010	6	1300	7800	0.08	7.2	0	De-chlor,diffuser, gravel bags
155-108-75	Hydrant Flushing	East Channel	11/16/2010	13	1255	16315	0	7.1	0	De-chlor,diffuser, gravel bags
158-101-74	Hydrant Flushing	Stevens Creek	11/16/2010	11	1363	14993	0	7.5	0	De-chlor,diffuser, gravel bags
158-102-74	Hydrant Flushing	Stevens Creek	11/16/2010	12	1384	16608	0	7.3	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
158-106-74	Hydrant Flushing	Stevens Creek	11/17/2010	15	1186	17790	0.09	7.5	0	De-chlor,diffuser, gravel bags
158-104-74	Hydrant Flushing	Stevens Creek	11/17/2010	12	1255	15060	0.06	7.50	0	De-chlor,diffuser, gravel bags
158-105-74	Hydrant Flushing	Stevens Creek	11/17/2010	12	1255	15060	0.01	7.40	0	De-chlor,diffuser, gravel bags
158-109-76	Hydrant Flushing	Stevens Creek	11/17/2010	12	1332	15984	0.12	7.50	0	De-chlor,diffuser, gravel bags
158-107-74	Hydrant Flushing	Stevens Creek	11/17/2010	12	1384	16608	0.02	7.70	0	De-chlor,diffuser, gravel bags
158-108-74	Hydrant Flushing	Stevens Creek	11/17/2010	11	1384	12456	0.07	7.60	0	De-chlor,diffuser, gravel bags
159-101-75	Hydrant Flushing	Stevens Creek	11/17/2010	15	1332	19980	0.04	7.10	0	De-chlor,diffuser, gravel bags
159-107-75	Hydrant Flushing	Stevens Creek	11/17/2010	12	1300	15600	0.09	7.60	0	De-chlor,diffuser, gravel bags
159-103-74	Hydrant Flushing	Stevens Creek	11/17/2010	14	1320	18480	0.01	7.40	0	De-chlor,diffuser, gravel bags
159-102-74	Hydrant Flushing	Stevens Creek	11/17/2010	12	1363	16356	0.02	7.30	0	De-chlor,diffuser, gravel bags
159-105-75	Hydrant Flushing	Stevens Creek	11/17/2010	13	1278	16614	0.03	7.70	0	De-chlor,diffuser, gravel bags
159-106-75	Hydrant Flushing	Stevens Creek	11/17/2010	11	1278	14058	0.07	7.60	0	De-chlor,diffuser, gravel bags
159-104-75	Hydrant Flushing	Stevens Creek	11/17/2010	10	1278	12780	0	7.40	0	De-chlor,diffuser, gravel bags
160-101-75	Hydrant Flushing	Stevens Creek	11/18/2010	11	1210	10890	0.03	7.30	0	De-chlor,diffuser, gravel bags
160-103-75	Hydrant Flushing	Stevens Creek	11/18/2010	5	1210	10890	0.12	7.50	0	De-chlor,diffuser, gravel bags
160-102-75	Hydrant Flushing	Stevens Creek	11/18/2010	8	1278	10224	0	7.40	0	De-chlor,diffuser, gravel bags
160-104-75	Hydrant Flushing	Stevens Creek	11/18/2010	11	1278	14058	0	7.00	0	De-chlor,diffuser, gravel bags
162-105-75	Hydrant Flushing	Stevens Creek	11/18/2010	16	1278	20448	0	7.20	0	De-chlor,diffuser, gravel bags
162-104-75	Hydrant Flushing	Stevens Creek	11/18/2010	12	1278	8946	0.06	7.40	0	De-chlor,diffuser, gravel bags
162-101-74	Hydrant Flushing	Stevens Creek	11/18/2010	13	1278	1651	0.14	7.40	0	De-chlor,diffuser, gravel bags
162-106-75	Hydrant Flushing	Stevens Creek	11/18/2010	11	1300	14300	0.01	7.20	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
162-107-75	Hydrant Flushing	Stevens Creek	11/18/2010	11	1342	14762	0.06	7.20	0	De-chlor,diffuser, gravel bags
163-109-75	Hydrant Flushing	Stevens Creek	11/18/2010	8	1278	10224	0.02	7.10	0	De-chlor,diffuser, gravel bags
163-101-74	Hydrant Flushing	Stevens Creek	11/18/2010	11	1278	11502	0	7.30	0	De-chlor,diffuser, gravel bags
163-102-74	Hydrant Flushing	Stevens Creek	11/18/2010	9	1278	11502	0	7.40	0	De-chlor,diffuser, gravel bags
163-103-74	Hydrant Flushing	Stevens Creek	11/18/2010	12	1278	15336	0.07	7.20	0	De-chlor,diffuser, gravel bags
163-104-75	Hydrant Flushing	Stevens Creek	11/18/2010	9	1278	11475	0.01	7.20	0	De-chlor,diffuser, gravel bags
163-109-74	Hydrant Flushing	Stevens Creek	11/18/2010	12	1278	15336	0.02	7.30	0	De-chlor,diffuser, gravel bags
164-109-74	Hydrant Flushing	Stevens Creek	11/18/2010	11	1278	14058	0.01	7.20	0	De-chlor,diffuser, gravel bags
164-103-75	Hydrant Flushing	East Channel	11/22/2010	11	1278	14058	0	7.30	0	De-chlor,diffuser, gravel bags
164-108-74	Hydrant Flushing	Stevens Creek	11/22/2010	8	1278	10224	0	7.50	0	De-chlor,diffuser, gravel bags
161-110-75	Hydrant Flushing	East Channel	11/22/2010	8	1278	10224	0.01	7.40	0	De-chlor,diffuser, gravel bags
165-112-75	Hydrant Flushing	East Channel	11/22/2010	9	1278	14088	0.03	7.30	0	De-chlor,diffuser, gravel bags
165-111-75	Hydrant Flushing	East Channel	11/22/2010	13	1278	16614	0.09	7.20	0	De-chlor,diffuser, gravel bags
165-108-75	Hydrant Flushing	East Channel	11/22/2010	11	1300	14300	0.07	7.40	0	De-chlor,diffuser, gravel bags
165-106-75	Hydrant Flushing	East Channel	11/22/2010	8	1310	10480	0.05	7.30	0	De-chlor,diffuser, gravel bags
165-113-75	Hydrant Flushing	East Channel	11/22/2010	11	1278	14058	0	7.20	0	De-chlor,diffuser, gravel bags
165-103-75	Hydrant Flushing	East Channel	11/22/2010	11	1278	14058	0.03	7.40	0	De-chlor,diffuser, gravel bags
165-101-75	Hydrant Flushing	East Channel	11/22/2010	11	1278	14088	0.12	7.20	0	De-chlor,diffuser, gravel bags
165-109-75	Hydrant Flushing	East Channel	11/22/2010	11	1278	14058	0	7.40	0	De-chlor,diffuser, gravel bags
165-107-75	Hydrant Flushing	East Channel	11/22/2010	11	1278	11502	0.03	7.50	0	De-chlor,diffuser, gravel bags
165-105-75	Hydrant Flushing	East Channel	11/22/2010	12	1278	15336	0	7.40	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
165-104-74	Hydrant Flushing	East Channel	11/22/2010	12	1278	15336	0	7.50	0	De-chlor,diffuser, gravel bags
165-103-74	Hydrant Flushing	East Channel	11/22/2010	9	1278	11502	0	7.20	0	De-chlor,diffuser, gravel bags
166-108-75	Hydrant Flushing	East Channel	11/23/2010	11	1300	14300	0.03	7.30	0	De-chlor,diffuser, gravel bags
166-105-75	Hydrant Flushing	East Channel	11/23/2010	9	1300	11700	0	7.10	0	De-chlor,diffuser, gravel bags
166-107-74	Hydrant Flushing	East Channel	11/23/2010	11	1233	13563	0.08	7.20	0	De-chlor,diffuser, gravel bags
166-106-75	Hydrant Flushing	East Channel	11/23/2010	12	1300	15600	0.09	7.40	0	De-chlor,diffuser, gravel bags
166-109-75	Hydrant Flushing	East Channel	11/23/2010	11	1300	14300	0	7.30	0	De-chlor,diffuser, gravel bags
166-111-75	Hydrant Flushing	East Channel	11/23/2010	9	1289	11601	0.03	7.00	0	De-chlor,diffuser, gravel bags
166-110-75	Hydrant Flushing	East Channel	11/23/2010	11	1255	13805	0	7.10	0	De-chlor,diffuser, gravel bags
166-101-75	Hydrant Flushing	East Channel	11/23/2011	13	1310	17030	0.07	7.30	0	De-chlor,diffuser, gravel bags
167-109-75	Hydrant Flushing	East Channel	11/23/2010	11	1320	14520	0	7.20	0	De-chlor,diffuser, gravel bags
156-107-75	Hydrant Flushing	East Channel	11/23/2010	9	1210	13310	0.03	7.30	0	De-chlor,diffuser, gravel bags
156-106-75	Hydrant Flushing	East Channel	11/23/2010	11	1210	13310	0	7.20	0	De-chlor,diffuser, gravel bags
166-102-75	Hydrant Flushing	East Channel	11/23/2010	9	1310	11790	0.05	7.10	0	De-chlor,diffuser, gravel bags
167-110-75	Hydrant Flushing	East Channel	11/23/2010	12	1278	15336	0.12	7.50	0	De-chlor,diffuser, gravel bags
167-111-75	Hydrant Flushing	East Channel	11/23/2010	12	1278	16614	0	7.40	0	De-chlor,diffuser, gravel bags
167-112-75	Hydrant Flushing	East Channel	11/23/2010	10	1278	12780	0	7.70	0	De-chlor,diffuser, gravel bags
167-113-75	Hydrant Flushing	East Channel	11/23/2010	11	1278	14058	0	7.80	0	De-chlor,diffuser, gravel bags
167-114-75	Hydrant Flushing	East Channel	11/23/2010	10	1300	13000	0	7.00	0	De-chlor,diffuser, gravel bags
167-101-74	Hydrant Flushing	East Channel	11/23/2010	11	1221	13431	0	7.60	0	De-chlor,diffuser, gravel bags
168-111-75	Hydrant Flushing	East Channel	11/30/2010	8	1384	11072	0	7.30	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
168-105-75	Hydrant Flushing	East Channel	11/30/2010	12	1384	16608	0	7.80	0	De-chlor,diffuser, gravel bags
149-101-75	Hydrant Flushing	Calabazas Creek	11/30/2010	9	1384	12486	0.03	7.30	0	De-chlor,diffuser, gravel bags
149-102-75	Hydrant Flushing	Calabazas Creek	11/30/2010	10	1384	13840	0.08	7.60	0	De-chlor,diffuser, gravel bags
149-108-75	Hydrant Flushing	Calabazas Creek	11/30/2010	9	1384	12456	0	7.80	0	De-chlor,diffuser, gravel bags
149-104-75	Hydrant Flushing	Calabazas Creek	11/30/2010	10	1384	17840	0	7.40	0	De-chlor,diffuser, gravel bags
153-108-75	Hydrant Flushing	East Channel	11/30/2010	11	1384	12456	0	7.60	0	De-chlor,diffuser, gravel bags
153-115-75	Hydrant Flushing	East Channel	11/30/2010	9	1384	12456	0.18	7.50	0	De-chlor,diffuser, gravel bags
153-114-75	Hydrant Flushing	East Channel	11/30/2010	10	1384	13840	0.27	7.40	0	De-chlor,diffuser, gravel bags
153-116-75	Hydrant Flushing	East Channel	11/30/2010	8	1384	11072	0.01	7.50	0	De-chlor,diffuser, gravel bags
155-109-75	Hydrant Flushing	East Channel	11/30/2010	11	1384	12456	0.03	7.60	0	De-chlor,diffuser, gravel bags
155-110-75	Hydrant Flushing	East Channel	11/30/2010	10	1414	14140	0.06	7.80	0	De-chlor,diffuser, gravel bags
157-106-75	Hydrant Flushing	East Channel	11/30/2010	10	1414	14140	0	7.60	0	De-chlor,diffuser, gravel bags
157-107-74	Hydrant Flushing	East Channel	11/30/2010	9	1414	12726	0	7.40	0	De-chlor,diffuser, gravel bags
157-105-75	Hydrant Flushing	Stevens Creek	11/30/2010	11	1210	10890	0.18	7.00	0	De-chlor,diffuser, gravel bags
157-104-75	Hydrant Flushing	Stevens Creek	11/30/2010	11	1320	14520	0.26	7.00	0	De-chlor,diffuser, gravel bags
158-103-74	Hydrant Flushing	Stevens Creek	11/30/2010	7	1320	9240	0	7.00	0	De-chlor,diffuser, gravel bags
161-101-75	Hydrant Flushing	Stevens Creek	11/30/2010	10	1320	13200	0	7.00	0	De-chlor,diffuser, gravel bags
161-102-74	Hydrant Flushing	Stevens Creek	11/30/2010	12	1320	15840	0.01	7.00	0	De-chlor,diffuser, gravel bags
162-102-74	Hydrant Flushing	Stevens Creek	11/30/2010	10	1320	13200	0.03	7.10	0	De-chlor,diffuser, gravel bags
162-103-75	Hydrant Flushing	Stevens Creek	11/30/2010	8	1300	10400	0.07	7.40	0	De-chlor,diffuser, gravel bags
162-108-75	Hydrant Flushing	Stevens Creek	11/30/2010	7	1300	9100	0.03	7.60	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
163-105-75	Hydrant Flushing	Stevens Creek	11/30/2010	11	1300	11700	0	7.40	0	De-chlor,diffuser, gravel bags
163-106-75	Hydrant Flushing	Stevens Creek	11/30/2010	5	1300	15600	0.11	7.30	0	De-chlor,diffuser, gravel bags
163-107-74	Hydrant Flushing	Stevens Creek	11/30/2010	10	1300	13000	0	7.10	0	De-chlor,diffuser, gravel bags
163-105-75	Hydrant Flushing	Stevens Creek	12/1/2010	9	1414	12726	0.01	7.4	0	De-chlor,diffuser, gravel bags
169-109-75	Hydrant Flushing	East Channel	12/1/2010	8	1414	11312	0.24	7.2	0	De-chlor,diffuser, gravel bags
169-108-75	Hydrant Flushing	East Channel	12/1/2010	9	1414	8484	0	7.1	0	De-chlor,diffuser, gravel bags
169-107-74	Hydrant Flushing	East Channel	12/1/2010	13	1414	19796	0.07	7.3	0	De-chlor,diffuser, gravel bags
169-106-74	Hydrant Flushing	East Channel	12/1/2010	11	1414	12,726	0.03	7.1	0	De-chlor,diffuser, gravel bags
169-110-75	Hydrant Flushing	East Channel	12/1/2010	10	1414	8484	0	7	0	De-chlor,diffuser, gravel bags
169-105-75	Hydrant Flushing	East Channel	12/1/2010	10	1414	14140	0.11	7.2	0	De-chlor,diffuser, gravel bags
169-104-74	Hydrant Flushing	East Channel	12/1/2010	9	1414	12726	0.26	7	0	De-chlor,diffuser, gravel bags
169-101-75	Hydrant Flushing	East Channel	12/1/2010	12	1414	15554	0.07	7	0	De-chlor,diffuser, gravel bags
169-111-75	Hydrant Flushing	East Channel	12/1/2010	8	1414	11312	0	7.1	0	De-chlor,diffuser, gravel bags
169-103-75	Hydrant Flushing	East Channel	12/1/2010	9	1414	12726	0.12	7.5	0	De-chlor,diffuser, gravel bags
169-102-75	Hydrant Flushing	East Channel	12/1/2010	11	1414	15554	0	7.5	0	De-chlor,diffuser, gravel bags
170-102-75	Hydrant Flushing	East Channel	12/1/2010	12	1414	16968	0.03	7	0	De-chlor,diffuser, gravel bags
170-101-75	Hydrant Flushing	East Channel	12/1/2010	11	1414	15554	0.08	7.1	0	De-chlor,diffuser, gravel bags
170-105-75	Hydrant Flushing	Calabazas Creek	12/2/2010	6	1404	12636	0.03	7.9	0	De-chlor,diffuser, gravel bags
170-104-75	Hydrant Flushing	Calabazas Creek	12/2/2010	8	1404	11232	0.07	7.4	0	De-chlor,diffuser, gravel bags
170-103-75	Hydrant Flushing	Calabazas Creek	12/2/2010	8	1404	11232	0.01	7	0	De-chlor,diffuser, gravel bags
170-109-75	Hydrant Flushing	Calabazas Creek	12/2/2010	9	1404	12636	0.07	7.4	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
170-110-75	Hydrant Flushing	Calabazas Creek	12/2/2010	13	1404	18252	0.01	7.3	0	De-chlor,diffuser, gravel bags
170-108-75	Hydrant Flushing	Calabazas Creek	12/2/2010	11	1404	15444	0.03	7.4	0	De-chlor,diffuser, gravel bags
170-111-75	Hydrant Flushing	Calabazas Creek	12/2/2010	9	1404	15444	0.06	7.3	0	De-chlor,diffuser, gravel bags
170-112-75	Hydrant Flushing	Calabazas Creek	12/2/2010	10	1404	14040	0.08	7.4	0	De-chlor,diffuser, gravel bags
337-102-75	Hydrant Flushing	Calabazas Creek	12/2/2010	19	1278	11502	0.04	7.9	0	De-chlor,diffuser, gravel bags
170-113-75	Hydrant Flushing	East Channel	12/2/2010	14	1443	15873	0.07	7.9	0	De-chlor,diffuser, gravel bags
170-114-75	Hydrant Flushing	East Channel	12/2/2010	12	1443	17316	0.05	7.8	0	De-chlor,diffuser, gravel bags
170-115-75	Hydrant Flushing	East Channel	12/2/2010	11	1443	15873	0.03	7.9	0	De-chlor,diffuser, gravel bags
			12/6/2010	11	1482	16302	0.03	7.9	0	De-chlor,diffuser, gravel bags
171-109-75	Hydrant Flushing	Calabazas Creek	12/6/2010	8	1424	11392	0	7.8	0	De-chlor,diffuser, gravel bags
171-108-74	Hydrant Flushing	Calabazas Creek	12/6/2010	10	1424	14240	0.05	7.2	0	De-chlor,diffuser, gravel bags
171-107-75	Hydrant Flushing	Calabazas Creek	12/6/2010	14	1420	19936	0.08	7	0	De-chlor,diffuser, gravel bags
171-106-75	Hydrant Flushing	Calabazas Creek	12/6/2010	11	1424	15664	0.12	7.1	0	De-chlor,diffuser, gravel bags
171-105-75	Hydrant Flushing	Calabazas Creek	12/6/2010	10	1482	14820	0.24	7.2	0	De-chlor,diffuser, gravel bags
171-110-75	Hydrant Flushing	Calabazas Creek	12/6/2010	6	1424	11392	0	7.1	0	De-chlor,diffuser, gravel bags
171-111-75	Hydrant Flushing	Calabazas Creek	12/6/2010	11	1424	15664	0.09	7.2	0	De-chlor,diffuser, gravel bags
171-104-75	Hydrant Flushing	Calabazas Creek	12/6/2010	7	1424	9968	0.15	7.1	0	De-chlor,diffuser, gravel bags
171-103-75	Hydrant Flushing	Calabazas Creek	12/6/2010	12	1424	17088	0.24	7.1	0	De-chlor,diffuser, gravel bags
171-101-75	Hydrant Flushing	Calabazas Creek	12/6/2010	9	1463	13167	0.03	7.1	0	De-chlor,diffuser, gravel bags
171-102-75	Hydrant Flushing	Calabazas Creek	12/6/2010	11	1424	15664	0.07	7.2	0	De-chlor,diffuser, gravel bags
172-105-75	Hydrant Flushing	Calabazas Creek	12/6/2010	14	1463	20482	0.06	7.1	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
172-109-75	Hydrant Flushing	Calabazas Creek	12/6/2010	8	1463	11704	0.05	7.1	0	De-chlor,diffuser, gravel bags
172-113-75	Hydrant Flushing	Calabazas Creek	12/6/2010	11	1463	16093	0.01	7.1	0	De-chlor,diffuser, gravel bags
170-106-75	Hydrant Flushing	East Channel	12/7/2010	11	1414	15554	0.1	7	0	De-chlor,diffuser, gravel bags
170-107-75	Hydrant Flushing	East Channel	12/7/2010	9	1414	12726	0.03	7	0	De-chlor,diffuser, gravel bags
173-108-75	Hydrant Flushing	Calabazas Creek	12/7/2010	11	1414	15554	0.05	7	0	De-chlor,diffuser, gravel bags
173-104-75	Hydrant Flushing	Calabazas Creek	12/7/2010	12	1500	18000	0.07	7	0	De-chlor,diffuser, gravel bags
173-112-75	Hydrant Flushing	Calabazas Creek	12/7/2010	11	1500	16500	0.1	7.8	0	De-chlor,diffuser, gravel bags
173-103-75	Hydrant Flushing	Calabazas Creek	12/7/2010	9	1186	10674	0.03	7.2	0	De-chlor,diffuser, gravel bags
173-115-75	Hydrant Flushing	Calabazas Creek	12/7/2010	11	1186	13046	0.01	7.9	0	De-chlor,diffuser, gravel bags
173-114-75	Hydrant Flushing	Calabazas Creek	12/7/2010	13	1186	15418	0.02	7.9	0	De-chlor,diffuser, gravel bags
173-102-75	Hydrant Flushing	Calabazas Creek	12/7/2010	11	1221	13431	0	7.2	0	De-chlor,diffuser, gravel bags
173-113-75	Hydrant Flushing	Calabazas Creek	12/7/2010	9	1221	10989	0.04	7.4	0	De-chlor,diffuser, gravel bags
173-101-75	Hydrant Flushing	Calabazas Creek	12/7/2010	11	1186	13046	0.02	7.2	0	De-chlor,diffuser, gravel bags
174-101-75	Hydrant Flushing	Calabazas Creek	12/7/2010	9	1233	13563	0.08	7.9	0	De-chlor,diffuser, gravel bags
174-111-75	Hydrant Flushing	Calabazas Creek	12/7/2010	12	1210	14520	0.09	7.9	0	De-chlor,diffuser, gravel bags
174-112-75	Hydrant Flushing	Calabazas Creek	12/7/2010	12	1210	14520	0	7.9	0	De-chlor,diffuser, gravel bags
174-105-75	Hydrant Flushing	Calabazas Creek	12/7/2010	10	1180	1860	0.05	7	0	De-chlor,diffuser, gravel bags
168-113-75	Hydrant Flushing	East Channel	12/9/2010	11	1320	14520	0.16	7.1	0	De-chlor,diffuser, gravel bags
168-108-75	Hydrant Flushing	East Channel	12/9/2010	12	1300	15600	0.25	7.1	0	De-chlor,diffuser, gravel bags
168-109-75	Hydrant Flushing	East Channel	12/9/2010	0:00:00	1300	7.1	0.31	7.1	0	De-chlor,diffuser, gravel bags
168-107-75	Hydrant Flushing	East Channel	12/9/2010	14	1300	18200	0.26	7.20	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
164-110-75	Hydrant Flushing	East Channel	12/9/2010	9	1186	10674	0.04	7.10	0	De-chlor,diffuser, gravel bags
164-105-75	Hydrant Flushing	East Channel	12/9/2010	11	1210	13310	0	7.40	0	De-chlor,diffuser, gravel bags
164-102-75	Hydrant Flushing	East Channel	12/9/2010	11	1300	14300	0	7.20	0	De-chlor,diffuser, gravel bags
164-101-75	Hydrant Flushing	East Channel	12/9/2010	8	1300	10400	0	7.30	0	De-chlor,diffuser, gravel bags
164-107-74	Hydrant Flushing	East Channel	12/9/2010	13	1300	16900	0	7.20	0	De-chlor,diffuser, gravel bags
164-106-75	Hydrant Flushing	East Channel	12/9/2010	11	1266	13926	0	7.40	0	De-chlor,diffuser, gravel bags
164-104-75	Hydrant Flushing	East Channel	12/9/2010	11	1221	13431	0.01	7.20	0	De-chlor,diffuser, gravel bags
164-101-75	Hydrant Flushing	East Channel	12/9/2010	12	1186	14232	0.08	7.10	0	De-chlor,diffuser, gravel bags
166-104-75	Hydrant Flushing	East Channel	12/9/2010	14	1186	16604	0.21	7.00	0	De-chlor,diffuser, gravel bags
166-101-75	Hydrant Flushing	East Channel	12/9/2010	36	1453	51208	0.67	7.90	0	De-chlor,diffuser, gravel bags
186-103-75	Hydrant Flushing	Calabazas Creek	12/14/2010	11	1210	13310	0.48	7.80	0	De-chlor,diffuser, gravel bags
186-102-75	Hydrant Flushing	Calabazas Creek	12/14/2010	8	1210	9680	0.17	7.90	0	De-chlor,diffuser, gravel bags
186-101-75	Hydrant Flushing	Calabazas Creek	12/14/2010	8	1210	9680	0.06	7.90	0	De-chlor,diffuser, gravel bags
187-106-75	Hydrant Flushing	Calabazas Creek	12/14/2010	9	1210	10890	0.03	7.70	0	De-chlor,diffuser, gravel bags
187-105-75	Hydrant Flushing	Calabazas Creek	12/14/2010	13	1210	15730	0.09	7.00	0	De-chlor,diffuser, gravel bags
187-107-75	Hydrant Flushing	Calabazas Creek	12/14/2010	11	1266	13926	0.04	7.80	0	De-chlor,diffuser, gravel bags
187-108-75	Hydrant Flushing	Calabazas Creek	12/14/2010	9	1278	11502	0.07	8.00	0	De-chlor,diffuser, gravel bags
187-109-75	Hydrant Flushing	Calabazas Creek	12/14/2010	10	1244	12440	0.01	7.90	0	De-chlor,diffuser, gravel bags
187-110-75	Hydrant Flushing	Calabazas Creek	12/14/2010	10	1255	12550	0.04	7.70	0	De-chlor,diffuser, gravel bags
187-101-75	Hydrant Flushing	Calabazas Creek	12/14/2010	11	1233	13563	0.09	7.90	0	De-chlor,diffuser, gravel bags
187-103-75	Hydrant Flushing	Calabazas Creek	12/14/2010	12	1210	14520	0.03	7.00	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
187-104-75	Hydrant Flushing	Calabazas Creek	12/14/2010	11	1210	13310	0.05	7.20	0	De-chlor,diffuser, gravel bags
168-103-75	Hydrant Flushing	East Channel	12/16/2010	11	1342	14762	0.32	7.40	0	De-chlor,diffuser, gravel bags
168-102-75	Hydrant Flushing	East Channel	12/16/2010	11	1343	14773	0.21	7.40	0	De-chlor,diffuser, gravel bags
168-101-75	Hydrant Flushing	East Channel	12/16/2010	11	1384	15224	0.08	7.70	0	De-chlor,diffuser, gravel bags
172-104-75	Hydrant Flushing	Calabazas Creek	12/16/2010	10	1443	14430	0.19	7.20	0	De-chlor,diffuser, gravel bags
172-110-75	Hydrant Flushing	Calabazas Creek	12/16/2010	11	1424	15664	0.27	7.10	0	De-chlor,diffuser, gravel bags
172-101-75	Hydrant Flushing	Calabazas Creek	12/16/2010	11	1424	15664	0.03	7.60	0	De-chlor,diffuser, gravel bags
172-108-75	Hydrant Flushing	Calabazas Creek	12/16/2010	13	1424	17088	0	7.20	0	De-chlor,diffuser, gravel bags
172-107-75	Hydrant Flushing	Calabazas Creek	12/16/2010	11	1464	16104	0.09	7.40	0	De-chlor,diffuser, gravel bags
172-106-75	Hydrant Flushing	Calabazas Creek	12/16/2010	9	1464	13176	0.16	7.30	0	De-chlor,diffuser, gravel bags
172-103-75	Hydrant Flushing	Calabazas Creek	12/28/2010	12	1113	15582	0.35	7.70	0	De-chlor,diffuser, gravel bags
172-102-75	Hydrant Flushing	Calabazas Creek	12/28/2010	12	1138	13656	0.27	8.80	0	De-chlor,diffuser, gravel bags
173-111-75	Hydrant Flushing	Calabazas Creek	12/28/2010	14	1463	20482	0.18	7.80	0	De-chlor,diffuser, gravel bags
173-110-75	Hydrant Flushing	Calabazas Creek	12/28/2010	11	1463	16093	0	7.70	0	De-chlor,diffuser, gravel bags
173-109-75	Hydrant Flushing	Calabazas Creek	12/28/2010	15	1482	22230	0.08	7.80	0	De-chlor,diffuser, gravel bags
174-109-75	Hydrant Flushing	Calabazas Creek	12/28/2010	13	1500	19500	0.22	7.70	0	De-chlor,diffuser, gravel bags
174-108-75	Hydrant Flushing	Calabazas Creek	12/28/2010	9	1482	13338	0.27	7.80	0	De-chlor,diffuser, gravel bags
174-107-75	Hydrant Flushing	Calabazas Creek	12/28/2010	12	1500	18000	0.12	7.90	0	De-chlor,diffuser, gravel bags
174-106-75	Hydrant Flushing	Calabazas Creek	1/6/2011	9	1255	11295	0.03	7.4	0	De-chlor,diffuser, gravel bags
174-104-75	Hydrant Flushing	Calabazas Creek	1/6/2011	8	1255	6275	0.02	8.2	0	De-chlor,diffuser, gravel bags
174-103-75	Hydrant Flushing	Calabazas Creek	1/6/2011	8	1255	10040	0.07	7.8	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
174-102-75	Hydrant Flushing	Calabazas Creek	1/6/2011	13	1255	16315	0.08	8	0	De-chlor,diffuser, gravel bags
174-110-75	Hydrant Flushing	Calabazas Creek	1/6/2011	4	1255	5,020	0.03	7.9	0	De-chlor,diffuser, gravel bags
175-103-75	Hydrant Flushing	Calabazas Creek	1/6/2011	11	1255	13805	0.07	7.8	0	De-chlor,diffuser, gravel bags
175-102-75	Hydrant Flushing	Calabazas Creek	1/6/2011	8	1255	10040	0.03	7.5	0	De-chlor,diffuser, gravel bags
175-101-75	Hydrant Flushing	Calabazas Creek	1/6/2011	5	1255	5020	0.09	8.1	0	De-chlor,diffuser, gravel bags
167-102-75	Hydrant Flushing	East Channel	1/6/2011	10	1255	12550	0.02	7.6	0	De-chlor,diffuser, gravel bags
167-103-75	Hydrant Flushing	East Channel	1/6/2011	8	1255	10040	0	7.5	0	De-chlor,diffuser, gravel bags
168-106-75	Hydrant Flushing	East Channel	1/6/2011	12	1255	10040	0.07	7.7	0	De-chlor,diffuser, gravel bags
168-104-75	Hydrant Flushing	East Channel	1/6/2011	9	1255	11295	0.01	7.9	0	De-chlor,diffuser, gravel bags
172-112-75	Hydrant Flushing	Calabazas Creek	1/6/2011	8	1255	10040	0.03	7.5	0	De-chlor,diffuser, gravel bags
173-105-75	Hydrant Flushing	Calabazas Creek	1/6/2011	10	1255	12550	0.01	7.8	0	De-chlor,diffuser, gravel bags
189-112-75	Hydrant Flushing	Calabazas Creek	1/13/2011	9	1186	10674	0.01	7.9	0	De-chlor,diffuser, gravel bags
189-105-75	Hydrant Flushing	Calabazas Creek	1/13/2011	12	1255	15060	0.03	8.1	0	De-chlor,diffuser, gravel bags
189-104-75	Hydrant Flushing	Calabazas Creek	1/13/2011	10	1255	12550	0.07	8.2	0	De-chlor,diffuser, gravel bags
180-109-75	Hydrant Flushing	Calabazas Creek	1/13/2011	10	1210	12000	0.03	8.1	0	De-chlor,diffuser, gravel bags
189-108-75	Hydrant Flushing	Calabazas Creek	1/13/2011	11	1210	10890	0.07	7.9	0	De-chlor,diffuser, gravel bags
189-107-75	Hydrant Flushing	Calabazas Creek	1/13/2011	11	1300	14300	0.03	7.8	0	De-chlor,diffuser, gravel bags
189-106-75	Hydrant Flushing	Calabazas Creek	1/13/2011	12	1300	10400	0.06	7.8	0	De-chlor,diffuser, gravel bags
406-107-75	Hydrant Flushing	East Channel	1/13/2011	12	1210	14520	0.08	7.8	0	De-chlor,diffuser, gravel bags
163-104-75	Hydrant Flushing	Stevens Creek	1/13/2011	16	1233	19728	0.12	7.6	0	De-chlor,diffuser, gravel bags
189-111-75	Hydrant Flushing	Calabazas Creek	1/13/2011	11	1186	13046	0.03	7.8	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
189-101-75	Hydrant Flushing	Calabazas Creek	1/13/2011	15	1210	18150	0.05	7.8	0	De-chlor,diffuser, gravel bags
189-102-75	Hydrant Flushing	Calabazas Creek	1/13/2011	13	1255	16315	0.07	8.1	0	De-chlor,diffuser, gravel bags
189-103-75	Hydrant Flushing	Calabazas Creek	1/13/2011	9	1255	11295	0.03	8	0	De-chlor,diffuser, gravel bags
187-102-75	Hydrant Flushing	Calabazas Creek	1/18/2011	8	1255	10040	0	8.1	0	De-chlor,diffuser, gravel bags
188-102-75	Hydrant Flushing	Calabazas Creek	1/18/2011	7	1255	8785	0.37	8.2	0	De-chlor,diffuser, gravel bags
188-101-75	Hydrant Flushing	Calabazas Creek	1/18/2011	11	1255	13805	0.47	8.1	0	De-chlor,diffuser, gravel bags
188-103-75	Hydrant Flushing	Calabazas Creek	1/18/2011	9	1113	10017	0.05	8.3	0	De-chlor,diffuser, gravel bags
190-104-75	Hydrant Flushing	Calabazas Creek	1/18/2011	10	1404	14040	0.12	7.8	0	De-chlor,diffuser, gravel bags
190-105-74	Hydrant Flushing	Calabazas Creek	1/18/2011	16	1404	22464	0	7.6	0	De-chlor,diffuser, gravel bags
190-102-75	Hydrant Flushing	Calabazas Creek	1/18/2011	13	1500	19500	0.07	7.7	0	De-chlor,diffuser, gravel bags
190-101-75	Hydrant Flushing	Calabazas Creek	1/18/2011	8	1463	11704	0.04	8	0	De-chlor,diffuser, gravel bags
190-103-75	Hydrant Flushing	Calabazas Creek	1/18/2011	11	1482	16302	0.01	7.8	0	De-chlor,diffuser, gravel bags
191-109-75	Hydrant Flushing	Calabazas Creek	1/18/2011	13	1482	19266	0	7.5	0	De-chlor,diffuser, gravel bags
191-106-75	Hydrant Flushing	East Channel	1/19/2011	12	1404	16848	0.02	7.8	0	De-chlor,diffuser, gravel bags
191-107-75	Hydrant Flushing	East Channel	1/19/2011	12	1463	17556	0	7.8	0	De-chlor,diffuser, gravel bags
191-108-75	Hydrant Flushing	East Channel	1/19/2011	6	1404	8424	0.03	7.4	0	De-chlor,diffuser, gravel bags
191-104-75	Hydrant Flushing	East Channel	1/19/2011	11	1463	16093	0	7.9	0	De-chlor,diffuser, gravel bags
191-105-75	Hydrant Flushing	East Channel	1/19/2011	13	1482	19266	0.07	7.8	0	De-chlor,diffuser, gravel bags
191-110-75	Hydrant Flushing	East Channel	1/19/2011	10	1384	13840	0.01	7.8	0	De-chlor,diffuser, gravel bags
191-112-75	Hydrant Flushing	East Channel	1/19/2011	11	1384	15224	0	7.6	0	De-chlor,diffuser, gravel bags
191-103-75	Hydrant Flushing	East Channel	1/19/2011	12	1404	16848	0.03	7.8	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
191-102-75	Hydrant Flushing	East Channel	1/19/2011	10	1404	14040	0.08	7.8	0	De-chlor,diffuser, gravel bags
191-101-75	Hydrant Flushing	East Channel	1/19/2011	11	1404	15444	0.03	7.6	0	De-chlor,diffuser, gravel bags
191-111-75	Hydrant Flushing	East Channel	1/19/2011	9	1404	12636	0	7.6	0	De-chlor,diffuser, gravel bags
192-105-75	Hydrant Flushing	East Channel	1/19/2011	10	1320	13200	0.01	7.9	0	De-chlor,diffuser, gravel bags
192-107-75	Hydrant Flushing	East Channel	1/19/2011	12	1320	15840	0.08	7.8	0	De-chlor,diffuser, gravel bags
192-104-75	Hydrant Flushing	East Channel	1/19/2011	11	1300	14300	0.06	7.6	0	De-chlor,diffuser, gravel bags
192-103-75	Hydrant Flushing	East Channel	1/19/2011	12	1300	14300	0	7.8	0	De-chlor,diffuser, gravel bags
192-102-75	Hydrant Flushing	East Channel	1/19/2011	9	1300	11700	0.41	7.6	0	De-chlor,diffuser, gravel bags
192-101-75	Hydrant Flushing	East Channel	1/19/2011	10	1342	13420	0	7.7	0	De-chlor,diffuser, gravel bags
192-109-75	Hydrant Flushing	East Channel	1/19/2011	11	1342	14762	0	7.6	0	De-chlor,diffuser, gravel bags
192-106-75	Hydrant Flushing	East Channel	1/19/2011	10	1342	13420	0.07	7.6	0	De-chlor,diffuser, gravel bags
192-108-75	Hydrant Flushing	East Channel	1/19/2011	11	1404	15444	0.01	7.8	0	De-chlor,diffuser, gravel bags
193-102-75	Hydrant Flushing	East Channel	1/20/2011	12	1300	15600	0	7.8	0	De-chlor,diffuser, gravel bags
193-101-75	Hydrant Flushing	East Channel	1/20/2011	9	1278	11502	0.03	7.9	0	De-chlor,diffuser, gravel bags
193-105-75	Hydrant Flushing	East Channel	1/20/2011	10	1278	12780	0.07	8.00	0	De-chlor,diffuser, gravel bags
193-110-75	Hydrant Flushing	East Channel	1/20/2011	9	1278	11802	0.02	7.90	0	De-chlor,diffuser, gravel bags
193-103-75	Hydrant Flushing	East Channel	1/20/2011	9	1278	11502	0	7.80	0	De-chlor,diffuser, gravel bags
193-14-75	Hydrant Flushing	East Channel	1/20/2011	11	1278	11502	0	7.70	0	De-chlor,diffuser, gravel bags
193-111-75	Hydrant Flushing	East Channel	1/20/2011	5	1306	6500	0	7.60	0	De-chlor,diffuser, gravel bags
194-105-75	Hydrant Flushing	East Channel	1/20/2011	11	1186	10674	0.03	7.60	0	De-chlor,diffuser, gravel bags
194-106-75	Hydrant Flushing	East Channel	1/20/2011	9	1300	11700	0	7.30	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
194-104-75	Hydrant Flushing	East Channel	1/20/2011	6	1300	7800	0.16	7.20	0	De-chlor,diffuser, gravel bags
194-107-75	Hydrant Flushing	East Channel	1/20/2011	12	1300	15600	0.02	7.50	0	De-chlor,diffuser, gravel bags
194-103-74	Hydrant Flushing	East Channel	1/20/2011	8	1300	10400	0	7.10	0	De-chlor,diffuser, gravel bags
194-102-74	Hydrant Flushing	East Channel	1/20/2011	11	1300	14300	0.03	7.20	0	De-chlor,diffuser, gravel bags
194-101-74	Hydrant Flushing	East Channel	1/20/2011	10	1300	13000	0	7.50	0	De-chlor,diffuser, gravel bags
195-101-74	Hydrant Flushing	East Channel	1/20/2011	8	1278	10224	0.23	7.10	0	De-chlor,diffuser, gravel bags
195-102-74	Hydrant Flushing	East Channel	1/20/2011	9	1278	11502	0	7.20	0	De-chlor,diffuser, gravel bags
195-104-74	Hydrant Flushing	East Channel	1/20/2011	12	1278	15336	0.03	7.50	0	De-chlor,diffuser, gravel bags
195-106-74	Hydrant Flushing	East Channel	1/20/2011	11	1278	14058	0.05	7.60	0	De-chlor,diffuser, gravel bags
196-102-75	Hydrant Flushing	Stevens Creek	1/20/2011	11	1278	14058	0	7.30	0	De-chlor,diffuser, gravel bags
196-103-75	Hydrant Flushing	East Channel	1/25/2011	12	1320	15840	0	7.60	0	De-chlor,diffuser, gravel bags
196-111-75	Hydrant Flushing	East Channel	1/25/2011	9	1162	10458	0.02	7.70	0	De-chlor,diffuser, gravel bags
196-107-74	Hydrant Flushing	East Channel	1/25/2011	10	1300	13000	0.18	7.60	0	De-chlor,diffuser, gravel bags
196-108-75	Hydrant Flushing	East Channel	1/25/2011	9	1233	11097	0.46	8.00	0	De-chlor,diffuser, gravel bags
196-109-75	Hydrant Flushing	East Channel	1/25/2011	9	1233	11097	0.07	7.80	0	De-chlor,diffuser, gravel bags
196-110-75	Hydrant Flushing	East Channel	1/25/2011	12	1255	15060	0.13	7.80	0	De-chlor,diffuser, gravel bags
196-106-75	Hydrant Flushing	East Channel	1/25/2011	5	1210	4840	0.37	7.70	0	De-chlor,diffuser, gravel bags
196-105-75	Hydrant Flushing	East Channel	1/25/2011	12	1278	15336	0.09	7.60	0	De-chlor,diffuser, gravel bags
196-104-75	Hydrant Flushing	East Channel	1/25/2011	9	1276	11502	0.01	7.80	0	De-chlor,diffuser, gravel bags
197-107-75	Hydrant Flushing	East Channel	1/25/2011	5	1278	6390	0.1	7.90	0	De-chlor,diffuser, gravel bags
197-108-75	Hydrant Flushing	East Channel	1/25/2011	11	1216	13310	0	7.80	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
197-104-75	Hydrant Flushing	East Channel	1/25/2011	7	1210	8470	0.01	7.80	0	De-chlor,diffuser, gravel bags
197-106-75	Hydrant Flushing	East Channel	1/25/2011	11	1276	11502	0.03	7.70	0	De-chlor,diffuser, gravel bags
197-103-74	Hydrant Flushing	East Channel	1/25/2011	9	1233	11097	0	7.80	0	De-chlor,diffuser, gravel bags
197-110-75	Hydrant Flushing	Stevens Creek	1/25/2011	8	1233	9864	0.01	7.70	0	De-chlor,diffuser, gravel bags
197-109-74	Hydrant Flushing	Stevens Creek	1/25/2011	9	1300	11700	0.08	7.80	0	De-chlor,diffuser, gravel bags
197-101-74	Hydrant Flushing	Stevens Creek	1/25/2011	12	1210	14520	0.13	7.90	0	De-chlor,diffuser, gravel bags
197-102-74	Hydrant Flushing	Stevens Creek	1/25/2011	12	1210	14520	0	7.80	0	De-chlor,diffuser, gravel bags
197-105-75	Hydrant Flushing	East Channel	1/25/2011	11	1233	13563	0.05	8.00	0	De-chlor,diffuser, gravel bags
198-105-75	Hydrant Flushing	Stevens Creek	1/26/2011	9	1233	11097	0.05	7.70	0	De-chlor,diffuser, gravel bags
198-104-74	Hydrant Flushing	Stevens Creek	1/26/2011	10	1233	12330	0.04	7.80	0	De-chlor,diffuser, gravel bags
198-103-74	Hydrant Flushing	Stevens Creek	1/26/2011	11	1233	13561	0	7.80	0	De-chlor,diffuser, gravel bags
198-111-74	Hydrant Flushing	Stevens Creek	1/26/2011	11	1237	13563	0.07	7.70	0	De-chlor,diffuser, gravel bags
198-101-74	Hydrant Flushing	Stevens Creek	1/26/2011	11	1233	13563	0.06	7.60	0	De-chlor,diffuser, gravel bags
198-102-74	Hydrant Flushing	Stevens Creek	1/26/2011	11	1233	13563	0.04	7.50	0	De-chlor,diffuser, gravel bags
198-107-74	Hydrant Flushing	Stevens Creek	1/26/2011	7	1233	8631	0.4	7.60	0	De-chlor,diffuser, gravel bags
198-108-74	Hydrant Flushing	Stevens Creek	1/26/2011	11	1186	13046	0.04	7.20	0	De-chlor,diffuser, gravel bags
198-109-74	Hydrant Flushing	Stevens Creek	1/26/2011	11	1186	13046	0.01	7.70	0	De-chlor,diffuser, gravel bags
198-110-74	Hydrant Flushing	Stevens Creek	1/26/2011	10	1186	11860	0.38	7.90	0	De-chlor,diffuser, gravel bags
198-106-74	Hydrant Flushing	Stevens Creek	1/26/2011	6	1233	13561	0	7.90	0	De-chlor,diffuser, gravel bags
199-104-74	Hydrant Flushing	Stevens Creek	1/26/2011	11	1210	13310	0	8.00	0	De-chlor,diffuser, gravel bags
199-105-74	Hydrant Flushing	Stevens Creek	1/26/2011	12	1210	14520	0.01	8.00	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
199-103-75	Hydrant Flushing	Stevens Creek	1/26/2011	12	1210	14520	0	8.40	0	De-chlor,diffuser, gravel bags
199-107-75	Hydrant Flushing	Stevens Creek	1/31/2011	11	1087	11957	0	7.10	0	De-chlor,diffuser, gravel bags
199-106-75	Hydrant Flushing	Stevens Creek	1/31/2011	9	1087	9783	0.12	7.20	0	De-chlor,diffuser, gravel bags
199-101-75	Hydrant Flushing	Stevens Creek	1/31/2011	11	1113	12243	0.15	7.30	0	De-chlor,diffuser, gravel bags
199-102-75	Hydrant Flushing	Stevens Creek	1/31/2011	9	1113	10017	0	7.20	0	De-chlor,diffuser, gravel bags
202-107-75	Hydrant Flushing	Stevens Creek	1/31/2011	9	1113	10017	0	7.30	0	De-chlor,diffuser, gravel bags
202-105-74	Hydrant Flushing	Stevens Creek	1/31/2011	8	1210	9680	0.37	7.60	0	De-chlor,diffuser, gravel bags
202-106-75	Hydrant Flushing	Stevens Creek	1/31/2011	7	1210	8420	0.11	7.40	0	De-chlor,diffuser, gravel bags
202-104-75	Hydrant Flushing	Stevens Creek	1/31/2011	12	1210	14520	0.08	7.50	0	De-chlor,diffuser, gravel bags
202-101-75	Hydrant Flushing	Stevens Creek	1/31/2011	10	1162	11620	0	7.40	0	De-chlor,diffuser, gravel bags
202-101-75	Hydrant Flushing	Stevens Creek	1/31/2011	5	1162	5810	0.01	7.30	0	De-chlor,diffuser, gravel bags
202-102-75	Hydrant Flushing	Stevens Creek	1/31/2011	11	1162	12782	0	7.20	0	De-chlor,diffuser, gravel bags
203-101-75	Hydrant Flushing	Stevens Creek	1/31/2011	10	1113	11130	0	7.00	0	De-chlor,diffuser, gravel bags
203-102-75	Hydrant Flushing	Stevens Creek	1/31/2011	9	1210	10890	0	7.10	0	De-chlor,diffuser, gravel bags
203-104-75	Hydrant Flushing	Stevens Creek	1/31/2011	11	1210	13310	0	7.30	0	De-chlor,diffuser, gravel bags
203-103-75	Hydrant Flushing	Stevens Creek	1/31/2011	10	1210	12100	0	7.10	0	De-chlor,diffuser, gravel bags
203-106-75	Hydrant Flushing	Stevens Creek	1/31/2011	7	1210	8470	0	7.10	0	De-chlor,diffuser, gravel bags
203-107-74	Hydrant Flushing	Stevens Creek	1/31/2011	6	1210	8470	0	7.20	0	De-chlor,diffuser, gravel bags
203-105-74	Hydrant Flushing	Stevens Creek	1/31/2011	11	1210	13310	0	7.10	0	De-chlor,diffuser, gravel bags
203-109-74	Hydrant Flushing	Stevens Creek	1/31/2011	12	1210	14520	0	7.00	0	De-chlor,diffuser, gravel bags
203-108-76	Hydrant Flushing	Stevens Creek	1/31/2011	10	1210	12100	0.03	7.10	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
204-102-74	Hydrant Flushing	Stevens Creek	2/1/2011	9	1255	9783	0	8	0	De-chlor,diffuser, gravel bags
204-101-74	Hydrant Flushing	Stevens Creek	2/1/2011	10	1233	12330	0.02	7.7	0	De-chlor,diffuser, gravel bags
204-108-75	Hydrant Flushing	Stevens Creek	2/1/2011	8	1233	9864	0.03	7.6	0	De-chlor,diffuser, gravel bags
204-110-75	Hydrant Flushing	Stevens Creek	2/1/2011	10	1210	12100	0	7.7	0	De-chlor,diffuser, gravel bags
204-109-75	Hydrant Flushing	Stevens Creek	2/1/2011	8	1162	9,276	0	7.3	0	De-chlor,diffuser, gravel bags
204-101-75	Hydrant Flushing	Stevens Creek	2/1/2011	10	1233	12330	0.01	7.6	0	De-chlor,diffuser, gravel bags
204-111-74	Hydrant Flushing	Stevens Creek	2/1/2011	12	1244	14928	0.02	7.6	0	De-chlor,diffuser, gravel bags
204-104-74	Hydrant Flushing	Stevens Creek	2/1/2011	10	1210	12100	0	7.8	0	De-chlor,diffuser, gravel bags
204-106-75	Hydrant Flushing	Stevens Creek	2/1/2011	8	1186	9488	0	7.8	0	De-chlor,diffuser, gravel bags
204-105-74	Hydrant Flushing	Stevens Creek	2/1/2011	15	1186	17790	0	7.4	0	De-chlor,diffuser, gravel bags
204-103-74	Hydrant Flushing	Stevens Creek	2/1/2011	10	1233	12330	0	8.2	0	De-chlor,diffuser, gravel bags
205-108-74	Hydrant Flushing	Stevens Creek	2/1/2011	10	1320	13200	0.05	7.6	0	De-chlor,diffuser, gravel bags
205-105-75	Hydrant Flushing	Stevens Creek	2/1/2011	8	1275	10224	0.03	7.5	0	De-chlor,diffuser, gravel bags
205-106-75	Hydrant Flushing	Stevens Creek	2/1/2011	10	1300	13000	0	7.5	0	De-chlor,diffuser, gravel bags
205-107-75	Hydrant Flushing	Stevens Creek	2/1/2011	8	950	7600	0.02	7.8	0	De-chlor,diffuser, gravel bags
205-109-74	Hydrant Flushing	Stevens Creek	2/1/2011	10	1061	10610	0	7.7	0	De-chlor,diffuser, gravel bags
205-101-75	Hydrant Flushing	Stevens Creek	2/1/2011	12	1087	13044	0.02	7.8	0	De-chlor,diffuser, gravel bags
205-102-74	Hydrant Flushing	Stevens Creek	2/1/2011	10	1138	11380	0	7.6	0	De-chlor,diffuser, gravel bags
205-103-74	Hydrant Flushing	Stevens Creek	2/1/2011	15	1233	18495	0	7.2	0	De-chlor,diffuser, gravel bags
205-104-74	Hydrant Flushing	Stevens Creek	2/1/2011	10	1210	12100	0	7.2	0	De-chlor,diffuser, gravel bags
206-110-74	Hydrant Flushing	East Channel	2/3/2011	10	1300	13000	0	7.8	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
206-109-74	Hydrant Flushing	East Channel	2/3/2011	10	1300	13000	0.07	8.7	0	De-chlor,diffuser, gravel bags
206-108-74	Hydrant Flushing	East Channel	2/3/2011	15	1300	19500	0.07	7.9	0	De-chlor,diffuser, gravel bags
206-103-74	Hydrant Flushing	East Channel	2/3/2011	10	1310	13100	0	7.9	0	De-chlor,diffuser, gravel bags
206-101-75	Hydrant Flushing	East Channel	2/3/2011	15	1278	19170	0.07	8.7	0	De-chlor,diffuser, gravel bags
206-102-75	Hydrant Flushing	East Channel	2/3/2011	15	1300	19500	0.07	7.8	0	De-chlor,diffuser, gravel bags
206-105-74	Hydrant Flushing	East Channel	2/3/2011	10	1278	12780	0	8.4	0	De-chlor,diffuser, gravel bags
206-106-74	Hydrant Flushing	East Channel	2/3/2011	15	1300	19500	0.03	8.1	0	De-chlor,diffuser, gravel bags
206-104-74	Hydrant Flushing	East Channel	2/3/2011	15	1255	18825	0	8.2	0	De-chlor,diffuser, gravel bags
206-107-74	Hydrant Flushing	East Channel	2/3/2011	10	1300	13000	0.02	8.1	0	De-chlor,diffuser, gravel bags
207-101-74	Hydrant Flushing	East Channel	2/3/2011	10	1342	13420	0.06	8.3	0	De-chlor,diffuser, gravel bags
207-102-75	Hydrant Flushing	East Channel	2/3/2011	20	1384	27630	0.01	7.1	0	De-chlor,diffuser, gravel bags
207-103-74	Hydrant Flushing	East Channel	2/3/2011	15	1384	20760	0.02	7.9	0	De-chlor,diffuser, gravel bags
207-111-74	Hydrant Flushing	East Channel	2/3/2011	20	1186	23720	0.03	7.9	0	De-chlor,diffuser, gravel bags
207-110-74	Hydrant Flushing	East Channel	2/3/2011	10	1186	11860	0.01	7.9	0	De-chlor,diffuser, gravel bags
207-109-74	Hydrant Flushing	East Channel	2/3/2011	20	1255	25100	0.02	7.9	0	De-chlor,diffuser, gravel bags
207-106-74	Hydrant Flushing	East Channel	2/3/2011	20	1300	26000	0.01	7.9	0	De-chlor,diffuser, gravel bags
207-108-74	Hydrant Flushing	East Channel	2/3/2011	20	1384	27680	0.02	7.8	0	De-chlor,diffuser, gravel bags
207-107-74	Hydrant Flushing	East Channel	2/3/2011	20	1384	27680	0.04	7.9	0	De-chlor,diffuser, gravel bags
207-105-74	Hydrant Flushing	East Channel	2/3/2011	20	1363	27260	0	7.9	0	De-chlor,diffuser, gravel bags
207-104-74	Hydrant Flushing	East Channel	2/3/2011	10	1384	13640	0.04	7.8	0	De-chlor,diffuser, gravel bags
208-110-75	Hydrant Flushing	East Channel	2/8/2011	10	1233	12330	0.03	7.9	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
208-107-75	Hydrant Flushing	East Channel	2/8/2011	10	1320	12330	0.03	7.9	0	De-chlor,diffuser, gravel bags
208-108-75	Hydrant Flushing	East Channel	2/8/2011	15	1300	19500	0.07	7.8	0	De-chlor,diffuser, gravel bags
208-107-75	Hydrant Flushing	East Channel	2/8/2011	10	1342	13420	0.03	8	0	De-chlor,diffuser, gravel bags
208-106-75	Hydrant Flushing	East Channel	2/8/2011	10	1320	1320	0.03	7.8	0	De-chlor,diffuser, gravel bags
208-111-75	Hydrant Flushing	East Channel	2/8/2011	15	1320	19800	0.05	8	0	De-chlor,diffuser, gravel bags
208-103-75	Hydrant Flushing	East Channel	2/8/2011	18	1394	25092	0.06	7.7	0	De-chlor,diffuser, gravel bags
208-101-75	Hydrant Flushing	East Channel	2/8/2011	12	1384	16608	0.04	7.4	0	De-chlor,diffuser, gravel bags
208-104-75	Hydrant Flushing	East Channel	2/8/2011	13	1443	18759	0.05	7.8	0	De-chlor,diffuser, gravel bags
208-105-75	Hydrant Flushing	East Channel	2/8/2011	10	1424	14240	0.08	8	0	De-chlor,diffuser, gravel bags
209-101-75	Hydrant Flushing	East Channel	2/8/2011	15	1342	20130	0.03	8.1	0	De-chlor,diffuser, gravel bags
209-102-75	Hydrant Flushing	East Channel	2/8/2011	10	1342	13420	0	8.1	0	De-chlor,diffuser, gravel bags
209-103-75	Hydrant Flushing	East Channel	2/8/2011	12	1342	16104	0.01	8	0	De-chlor,diffuser, gravel bags
209-104-75	Hydrant Flushing	East Channel	2/8/2011	18	1404	25272	0.01	7.9	0	De-chlor,diffuser, gravel bags
209-105-75	Hydrant Flushing	East Channel	2/8/2011	15	1404	21060	0.02	8	0	De-chlor,diffuser, gravel bags
209-106-75	Hydrant Flushing	East Channel	2/8/2011	10	1404	14040	0.03	7.7	0	De-chlor,diffuser, gravel bags
209-107-75	Hydrant Flushing	East Channel	2/8/2011	12	1384	16608	0.01	7.9	0	De-chlor,diffuser, gravel bags
209-108-75	Hydrant Flushing	East Channel	2/8/2011	0:00:00	1384	15224	0.03	7.8	0	De-chlor,diffuser, gravel bags
209-110-75	Hydrant Flushing	East Channel	2/8/2011	12	1320	15840	0.03	7.4	0	De-chlor,diffuser, gravel bags
209-109-75	Hydrant Flushing	East Channel	2/8/2011	10	1384	13840	0.13	6.8	0	De-chlor,diffuser, gravel bags
210-103-75	Hydrant Flushing	Calabazas Creek	2/9/2011	10	1320	13200	0.05	7.9	0	De-chlor,diffuser, gravel bags
210-102-75	Hydrant Flushing	Calabazas Creek	2/9/2011	13	1384	17992	0.05	7.9	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
210-101-75	Hydrant Flushing	Calabazas Creek	2/9/2011	11	1424	15664	0.01	8	0	De-chlor,diffuser, gravel bags
210-105-75	Hydrant Flushing	Calabazas Creek	2/9/2011	10	1404	14040	0.18	7.9	0	De-chlor,diffuser, gravel bags
210-104-75	Hydrant Flushing	Calabazas Creek	2/9/2011	13	1443	18759	0.04	7.9	0	De-chlor,diffuser, gravel bags
210-108-75	Hydrant Flushing	Calabazas Creek	2/9/2011	15	1424	21360	0.04	7.7	0	De-chlor,diffuser, gravel bags
210-107-75	Hydrant Flushing	Calabazas Creek	2/9/2011	10	1424	14240	0.02	7.7	0	De-chlor,diffuser, gravel bags
210-106-75	Hydrant Flushing	Calabazas Creek	2/9/2011	13	1384	17992	0	7.9	0	De-chlor,diffuser, gravel bags
211-103-75	Hydrant Flushing	Calabazas Creek	2/9/2011	10	1433	14330	0	7.8	0	De-chlor,diffuser, gravel bags
211-104-75	Hydrant Flushing	Calabazas Creek	2/9/2011	10	1384	13840	0.02	8.1	0	De-chlor,diffuser, gravel bags
211-101-75	Hydrant Flushing	Calabazas Creek	2/9/2011	15	1320	19800	0.4	7.9	0	De-chlor,diffuser, gravel bags
211-108-75	Hydrant Flushing	Calabazas Creek	2/9/2011	2	1320	15840	0.07	7.8	0	De-chlor,diffuser, gravel bags
211-107-75	Hydrant Flushing	Calabazas Creek	2/9/2011	12	1186	14232	0.07	7.3	0	De-chlor,diffuser, gravel bags
211-106-75	Hydrant Flushing	Calabazas Creek	2/9/2011	10	1186	11840	0.03	7.6	0	De-chlor,diffuser, gravel bags
211-105-75	Hydrant Flushing	Calabazas Creek	2/9/2011	12	1186	14232	0.01	7.4	0	De-chlor,diffuser, gravel bags
212-105-75	Hydrant Flushing	Calabazas Creek	2/10/2011	15	1186	17790	0.01	7.90	0	De-chlor,diffuser, gravel bags
212-106-75	Hydrant Flushing	Calabazas Creek	2/10/2011	15	1186	17790	0.04	8.00	0	De-chlor,diffuser, gravel bags
212-112-75	Hydrant Flushing	Calabazas Creek	2/10/2011	20	1186	23720	0.06	8.50	0	De-chlor,diffuser, gravel bags
212-103-75	Hydrant Flushing	Calabazas Creek	2/10/2011	10	1150	11500	0.03	7.70	0	De-chlor,diffuser, gravel bags
212-107-75	Hydrant Flushing	Calabazas Creek	2/10/2011	13	1186	15418	0.03	7.80	0	De-chlor,diffuser, gravel bags
212-104-75	Hydrant Flushing	Calabazas Creek	2/10/2011	15	1210	18150	0.03	8.30	0	De-chlor,diffuser, gravel bags
212-103-75	Hydrant Flushing	Calabazas Creek	2/10/2011	15	1210	18150	0.06	8.20	0	De-chlor,diffuser, gravel bags
212-102-75	Hydrant Flushing	Calabazas Creek	2/10/2011	12	1186	14232	0.01	8.00	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
212-101-75	Hydrant Flushing	Calabazas Creek	2/10/2011	12	1210	14520	0.01	7.70	0	De-chlor,diffuser, gravel bags
212-109-75	Hydrant Flushing	Calabazas Creek	2/10/2011	11	1162	12782	0.04	8.40	0	De-chlor,diffuser, gravel bags
213-104-75	Hydrant Flushing	Calabazas Creek	2/14/2011	10	1210	12100	0.03	8.20	0	De-chlor,diffuser, gravel bags
213-103-75	Hydrant Flushing	Calabazas Creek	2/14/2011	15	1210	18150	0.03	8.20	0	De-chlor,diffuser, gravel bags
213-102-75	Hydrant Flushing	Calabazas Creek	2/14/2011	15	1210	18150	0.04	8.00	0	De-chlor,diffuser, gravel bags
213-101-75	Hydrant Flushing	Calabazas Creek	2/14/2011	12	1210	14520	0.07	7.80	0	De-chlor,diffuser, gravel bags
213-112-75	Hydrant Flushing	Calabazas Creek	2/14/2011	20	1186	23720	0.04	7.80	0	De-chlor,diffuser, gravel bags
213-110-75	Hydrant Flushing	Calabazas Creek	2/14/2011	15	1186	11790	0.02	7.90	0	De-chlor,diffuser, gravel bags
213-111-75	Hydrant Flushing	Calabazas Creek	2/14/2011	10	1210	12100	0	7.90	0	De-chlor,diffuser, gravel bags
213-105-75	Hydrant Flushing	Calabazas Creek	2/14/2011	12	1210	14520	0	8.10	0	De-chlor,diffuser, gravel bags
213-107-75	Hydrant Flushing	Calabazas Creek	2/14/2011	10	1210	12100	0.01	8.10	0	De-chlor,diffuser, gravel bags
213-106-75	Hydrant Flushing	Calabazas Creek	2/14/2011	20	1210	24200	0	7.80	0	De-chlor,diffuser, gravel bags
213-108-75	Hydrant Flushing	Calabazas Creek	2/14/2011	15	1210	18150	0.03	7.90	0	De-chlor,diffuser, gravel bags
213-109-75	Hydrant Flushing	Calabazas Creek	2/14/2011	10	1210	12100	0.01	7.80	0	De-chlor,diffuser, gravel bags
354-106-74	Hydrant Flushing	East Channel	2/14/2011	10	1174	11740	0.02	7.90	0	De-chlor,diffuser, gravel bags
214-106-75	Hydrant Flushing	Calabazas Creek	2/14/2011	14	1210	16940	0.08	8.40	0	De-chlor,diffuser, gravel bags
214-104-75	Hydrant Flushing	Calabazas Creek	2/14/2011	12	1210	14520	0	8.30	0	De-chlor,diffuser, gravel bags
214-103-75	Hydrant Flushing	Calabazas Creek	2/14/2011	13	1210	15730	0.06	8.10	0	De-chlor,diffuser, gravel bags
214-105-75	Hydrant Flushing	Calabazas Creek	2/15/2011	20	1233	24660	0.06	8.20	0	De-chlor,diffuser, gravel bags
214-107-75	Hydrant Flushing	Calabazas Creek	2/15/2011	20	1034	20680	0.03	8.10	0	De-chlor,diffuser, gravel bags
214-108-75	Hydrant Flushing	Calabazas Creek	2/15/2011	20	1113	22260	0.02	8.20	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
214-102-75	Hydrant Flushing	Calabazas Creek	2/15/2011	15	1061	15915	0	8.60	0	De-chlor,diffuser, gravel bags
214-101-75	Hydrant Flushing	Calabazas Creek	2/15/2011	13	1087	14131	0.07	8.40	0	De-chlor,diffuser, gravel bags
215-103-75	Hydrant Flushing	Calabazas Creek	2/15/2011	15	1125	16875	0	7.90	0	De-chlor,diffuser, gravel bags
215-102-75	Hydrant Flushing	Calabazas Creek	2/15/2011	13	1113	14469	0.04	7.90	0	De-chlor,diffuser, gravel bags
215-101-75	Hydrant Flushing	Calabazas Creek	2/15/2011	15	1061	15915	0	8.00	0	De-chlor,diffuser, gravel bags
215-106-75	Hydrant Flushing	Calabazas Creek	2/15/2011	13	1087	14131	0.02	8.00	0	De-chlor,diffuser, gravel bags
215-105-75	Hydrant Flushing	Calabazas Creek	2/15/2011	13	1039	13442	0.02	7.80	0	De-chlor,diffuser, gravel bags
225-101-74	Hydrant Flushing	Calabazas Creek	2/15/2011	15	1138	17070	0.04	8.20	0	De-chlor,diffuser, gravel bags
225-102-74	Hydrant Flushing	Calabazas Creek	2/15/2011	10	1138	11380	0.06	8.00	0	De-chlor,diffuser, gravel bags
226-109-75	Hydrant Flushing	Calabazas Creek	2/15/2011	15	1061	15915	0.02	8.30	0	De-chlor,diffuser, gravel bags
226-107-74	Hydrant Flushing	Calabazas Creek	2/15/2011	12	1113	13356	0	8.00	0	De-chlor,diffuser, gravel bags
226-104-74	Hydrant Flushing	Calabazas Creek	2/15/2011	10	1113	11130	0.09	8.00	0	De-chlor,diffuser, gravel bags
226-105-74	Hydrant Flushing	Calabazas Creek	2/15/2011	15	1113	16695	0	8.30	0	De-chlor,diffuser, gravel bags
226-102-74	Hydrant Flushing	Calabazas Creek	2/15/2011	10	1138	11380	0.04	8.30	0	De-chlor,diffuser, gravel bags
226-103-74	Hydrant Flushing	Calabazas Creek	2/15/2011	18	1113	20034	0.05	8.20	0	De-chlor,diffuser, gravel bags
226-108-75	Hydrant Flushing	Calabazas Creek	2/15/2011	12	1113	13356	0.08	8.10	0	De-chlor,diffuser, gravel bags
353-105-76	Hydrant Flushing	East Channel	2/16/2011	14	1320	18480	0.06	7.90	0	De-chlor,diffuser, gravel bags
353-110-75	Hydrant Flushing	East Channel	2/16/2011	11	1363	14993	0	7.70	0	De-chlor,diffuser, gravel bags
353-106-75	Hydrant Flushing	East Channel	2/16/2011	24	1342	32208	0.03	7.60	0	De-chlor,diffuser, gravel bags
353-108-75	Hydrant Flushing	East Channel	2/16/2011	10	1300	13000	0.03	7.90	0	De-chlor,diffuser, gravel bags
353-111-75	Hydrant Flushing	East Channel	2/16/2011	14	1162	16268	0	8.00	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
226-106-75	Hydrant Flushing	Calabazas Creek	2/16/2011	15	1113	16695	0.11	8.20	0	De-chlor,diffuser, gravel bags
226-101-75	Hydrant Flushing	Calabazas Creek	2/16/2011	17	1138	19346	0.01	8.00	0	De-chlor,diffuser, gravel bags
227-108-75	Hydrant Flushing	Calabazas Creek	2/16/2011	16	1061	12732	0.02	8.20	0	De-chlor,diffuser, gravel bags
227-109-75	Hydrant Flushing	Calabazas Creek	2/16/2011	12	1113	13356	0.03	8.30	0	De-chlor,diffuser, gravel bags
227-105-75	Hydrant Flushing	Calabazas Creek	2/16/2011	18	1087	19566	0.04	8.10	0	De-chlor,diffuser, gravel bags
227-108-75	Hydrant Flushing	Calabazas Creek	2/16/2011	12	1087	13044	0.04	8.00	0	De-chlor,diffuser, gravel bags
227-107-75	Hydrant Flushing	Calabazas Creek	2/16/2011	16	1087	21740	0.02	8.00	0	De-chlor,diffuser, gravel bags
227-101-75	Hydrant Flushing	Calabazas Creek	2/16/2011	20	1138	22760	0.05	7.80	0	De-chlor,diffuser, gravel bags
227-102-75	Hydrant Flushing	Calabazas Creek	2/16/2011	14	1150	16100	0	7.80	0	De-chlor,diffuser, gravel bags
227-103-75	Hydrant Flushing	Calabazas Creek	2/16/2011	22	1087	23914	0.07	7.70	0	De-chlor,diffuser, gravel bags
227-104-75	Hydrant Flushing	Calabazas Creek	2/16/2011	20	1113	22260	0	8.40	0	De-chlor,diffuser, gravel bags
228-102-75	Hydrant Flushing	Calabazas Creek	2/17/2011	11	1113	12441	0.01	7.80	0	De-chlor,diffuser, gravel bags
228-101-75	Hydrant Flushing	Calabazas Creek	2/17/2011	14	1087	15218	0.09	7.90	0	De-chlor,diffuser, gravel bags
228-105-75	Hydrant Flushing	Calabazas Creek	2/17/2011	15	1047	26175	0.06	8.00	0	De-chlor,diffuser, gravel bags
228-106-75	Hydrant Flushing	Calabazas Creek	2/17/2011	15	1087	16305	0.09	8.00	0	De-chlor,diffuser, gravel bags
228-103-75	Hydrant Flushing	Calabazas Creek	2/17/2011	15	1087	16325	0.09	7.70	0	De-chlor,diffuser, gravel bags
228-104-75	Hydrant Flushing	Calabazas Creek	2/17/2011	14	1113	15582	0.03	8.10	0	De-chlor,diffuser, gravel bags
189-111-75	Hydrant Flushing	Calabazas Creek	2/17/2011	10	1034	10340	0.03	7.80	0	De-chlor,diffuser, gravel bags
189-112-75	Hydrant Flushing	Calabazas Creek	2/17/2011	10	1034	10340	0	8.20	0	De-chlor,diffuser, gravel bags
190-113-75	Hydrant Flushing	Calabazas Creek	2/17/2011	9	1034	9306	0.07	7.60	0	De-chlor,diffuser, gravel bags
190-111-75	Hydrant Flushing	Calabazas Creek	2/17/2011	7	980	6860	0.05	7.60	0	De-chlor,diffuser, gravel bags

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190-112-75	Hydrant Flushing	Calabazas Creek	2/17/2011	9	1162	10458	0.01	7.70	0	De-chlor,diffuser, gravel bags
190-114-75	Hydrant Flushing	Calabazas Creek	2/17/2011	10	1138	11380	0	8.00	0	De-chlor,diffuser, gravel bags
190-110-75	Hydrant Flushing	Calabazas Creek	2/17/2011	10	1138	11380	0.02	8.00	0	De-chlor,diffuser, gravel bags
190-109-75	Hydrant Flushing	Calabazas Creek	2/17/2011	15	1150	17280	0.12	7.90	0	De-chlor,diffuser, gravel bags
190-106-75	Hydrant Flushing	Calabazas Creek	2/17/2011	15	1138	17070	0.07	7.80	0	De-chlor,diffuser, gravel bags
190-107-75	Hydrant Flushing	Calabazas Creek	2/17/2011	8	1125	9000	0.01	7.90	0	De-chlor,diffuser, gravel bags
190-108-75	Hydrant Flushing	Calabazas Creek	2/17/2011	10	1210	12100	0.03	7.80	0	De-chlor,diffuser, gravel bags
238-108-74	Hydrant Flushing	East Channel	2/25/2011	12	1244	14928	0.06	7.00	0	De-chlor,diffuser, gravel bags
239-101-74	Hydrant Flushing	East Channel	2/25/2011	13	1186	15418	0.01	7.30	0	De-chlor,diffuser, gravel bags
239-102-74	Hydrant Flushing	East Channel	2/25/2011	9	1255	11295	0.07	7.60	0	De-chlor,diffuser, gravel bags
239-103-75	Hydrant Flushing	East Channel	2/25/2011	10	1255	12550	0.05	7.60	0	De-chlor,diffuser, gravel bags
239-104-75	Hydrant Flushing	East Channel	2/25/2011	10	1233	12330	0.03	7.30	0	De-chlor,diffuser, gravel bags
239-105-75	Hydrant Flushing	East Channel	2/25/2011	11	1210	13310	0.04	7.40	0	De-chlor,diffuser, gravel bags
239-106-75	Hydrant Flushing	East Channel	2/25/2011	15	1278	19170	0.11	7.60	0	De-chlor,diffuser, gravel bags
239-107-75	Hydrant Flushing	East Channel	2/25/2011	15	1255	18825	0	7.50	0	De-chlor,diffuser, gravel bags
239-108-75	Hydrant Flushing	East Channel	2/25/2011	10	1233	12330	0	7.60	0	De-chlor,diffuser, gravel bags
239-109-75	Hydrant Flushing	East Channel	2/25/2011	13	1233	16029	0	7.60	0	De-chlor,diffuser, gravel bags
242-101-74	Hydrant Flushing	Stevens Creek	3/1/2011	10	1212	12120	0	7.7	0	De-chlor,diffuser, gravel bags
242-102-74	Hydrant Flushing	Stevens Creek	3/1/2011	12	1233	14796	0.05	7.9	0	De-chlor,diffuser, gravel bags
242-103-74	Hydrant Flushing	Stevens Creek	3/1/2011	15	1210	18150	0.13	7.7	0	De-chlor,diffuser, gravel bags
242-104-75	Hydrant Flushing	Stevens Creek	3/1/2011	15	1210	18150	0	7.9	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
242-105-15	Hydrant Flushing	Stevens Creek	3/1/2011	12	1233	14,796	0.1	7.8	0	De-chlor,diffuser, gravel bags
242-106-75	Hydrant Flushing	Stevens Creek	3/1/2011	12	1300	23400	0	7.8	0	De-chlor,diffuser, gravel bags
242-107-75	Hydrant Flushing	Stevens Creek	3/1/2011	14	1210	48110	0.01	7.8	0	De-chlor,diffuser, gravel bags
242-108-75	Hydrant Flushing	Stevens Creek	3/1/2011	12	1210	14520	0	8	0	De-chlor,diffuser, gravel bags
242-109-75	Hydrant Flushing	Stevens Creek	3/1/2011	14	1255	21335	0	8	0	De-chlor,diffuser, gravel bags
243-101-74	Hydrant Flushing	Stevens Creek	3/1/2011	15	1300	19500	0.04	8	0	De-chlor,diffuser, gravel bags
243-102-74	Hydrant Flushing	Stevens Creek	3/1/2011	12	1278	15336	0.03	7.8	0	De-chlor,diffuser, gravel bags
243-103-74	Hydrant Flushing	Stevens Creek	3/1/2011	11	1255	13805	0	7.9	0	De-chlor,diffuser, gravel bags
243-104-74	Hydrant Flushing	Stevens Creek	3/1/2011	13	1255	22194	0	7.8	0	De-chlor,diffuser, gravel bags
243-105-74	Hydrant Flushing	Stevens Creek	3/1/2011	12	1233	14796	0.08	8	0	De-chlor,diffuser, gravel bags
244-101-75	Hydrant Flushing	Stevens Creek	3/1/2011	7	1233	8631	0	8	0	De-chlor,diffuser, gravel bags
244-102-75	Hydrant Flushing	Stevens Creek	3/1/2011	11	1310	14410	0.09	7.6	0	De-chlor,diffuser, gravel bags
244-103-75	Hydrant Flushing	Stevens Creek	3/1/2011	15	1278	19170	0.03	8.2	0	De-chlor,diffuser, gravel bags
244-104-75	Hydrant Flushing	Stevens Creek	3/1/2011	13	1300	16900	0.04	8	0	De-chlor,diffuser, gravel bags
244-105-75	Hydrant Flushing	Stevens Creek	3/1/2011	12	1300	15600	0.05	8.3	0	De-chlor,diffuser, gravel bags
244-106-75	Hydrant Flushing	Stevens Creek	3/1/2011	15	1320	19800	0.03	7.6	0	De-chlor,diffuser, gravel bags
191-101-75	Hydrant Flushing	East Channel	3/3/2011	15	1404	21060	0	8	0	De-chlor,diffuser, gravel bags
193-106-75	Hydrant Flushing	East Channel	3/3/2011	10	1342	13420	0.01	8	0	De-chlor,diffuser, gravel bags
193-107-75	Hydrant Flushing	East Channel	3/3/2011	11	1320	14520	0.02	8.7	0	De-chlor,diffuser, gravel bags
193-108-75	Hydrant Flushing	East Channel	3/3/2011	12	1320	15840	0.02	8	0	De-chlor,diffuser, gravel bags
193-109-75	Hydrant Flushing	East Channel	3/3/2011	10	1365	13650	0.03	7.9	0	De-chlor,diffuser, gravel bags

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195-103-75	Hydrant Flushing	East Channel	3/3/2011	12	1300	15600	0	8.1	0	De-chlor,diffuser, gravel bags
195-105-75	Hydrant Flushing	East Channel	3/3/2011	13	1300	23400	0.13	8	0	De-chlor,diffuser, gravel bags
535-103-75	Hydrant Flushing	Calabazas Creek	3/3/2011	9	1424	14240	0	8.4	0	De-chlor,diffuser, gravel bags
535-104-75	Hydrant Flushing	Calabazas Creek	3/3/2011	10	1424	14240	0	8.6	0	De-chlor,diffuser, gravel bags
535-105-75	Hydrant Flushing	Calabazas Creek	3/3/2011	15	1443	21645	0.02	8.4	0	De-chlor,diffuser, gravel bags
535-106-75	Hydrant Flushing	Calabazas Creek	3/3/2011	10	1443	14430	0.02	7.9	0	De-chlor,diffuser, gravel bags
535-107-75	Hydrant Flushing	Calabazas Creek	3/3/2011	15	1443	21645	0.05	8.2	0	De-chlor,diffuser, gravel bags
535-108-75	Hydrant Flushing	Calabazas Creek	3/3/2011	14	1424	19936	0.1	8.3	0	De-chlor,diffuser, gravel bags
535-109-75	Hydrant Flushing	Calabazas Creek	3/3/2011	12	1443	17316	0.03	8.4	0	De-chlor,diffuser, gravel bags
535-110-75	Hydrant Flushing	Calabazas Creek	3/3/2011	20	1443	21645	0.06	8.7	0	De-chlor,diffuser, gravel bags
535-111-75	Hydrant Flushing	Stevens Creek	3/3/2011	13	1443	18759	0.04	8.6	0	De-chlor,diffuser, gravel bags
228-107-75	Hydrant Flushing	Calabazas Creek	3/7/2011	15	1278	19170	0.07	7.7	0	De-chlor,diffuser, gravel bags
228-108-75	Hydrant Flushing	Calabazas Creek	3/7/2011	10	1255	12550	0.01	7.8	0	De-chlor,diffuser, gravel bags
228-109-75	Hydrant Flushing	Calabazas Creek	3/7/2011	12	1233	14796	0.03	7.8	0	De-chlor,diffuser, gravel bags
228-110-75	Hydrant Flushing	Calabazas Creek	3/7/2011	10	1278	12780	0.01	7.9	0	De-chlor,diffuser, gravel bags
228-111-75	Hydrant Flushing	Calabazas Creek	3/7/2011	10	1233	12330	0.01	7.7	0	De-chlor,diffuser, gravel bags
229-105-75	Hydrant Flushing	Calabazas Creek	3/7/2011	13	1255	16315	0.03	8	0	De-chlor,diffuser, gravel bags
229-106-75	Hydrant Flushing	Calabazas Creek	3/7/2011	10	1255	12550	0.06	7.8	0	De-chlor,diffuser, gravel bags
229-107-75	Hydrant Flushing	Calabazas Creek	3/7/2011	12	1278	15336	0	7.9	0	De-chlor,diffuser, gravel bags
229-109-75	Hydrant Flushing	Calabazas Creek	3/7/2011	10	1255	12550	0.02	7.9	0	De-chlor,diffuser, gravel bags
229-108-75	Hydrant Flushing	Calabazas Creek	3/7/2011	15	1278	19170	0.03	7.9	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
229-101-75	Hydrant Flushing	Calabazas Creek	3/7/2011	13	1210	15730	0.01	8	0	De-chlor,diffuser, gravel bags
229-102-75	Hydrant Flushing	Calabazas Creek	3/7/2011	15	1210	18150	0.02	7.9	0	De-chlor,diffuser, gravel bags
229-104-74	Hydrant Flushing	Calabazas Creek	3/7/2011	10	1221	12210	0.05	7.9	0	De-chlor,diffuser, gravel bags
229-103-75	Hydrant Flushing	Calabazas Creek	3/7/2011	8	1210	9680	0.05	8	0	De-chlor,diffuser, gravel bags
230-102-75	Hydrant Flushing	Calabazas Creek	3/7/2011	31	1186	35580	0.06	7.6	0	De-chlor,diffuser, gravel bags
230-101-75	Hydrant Flushing	Calabazas Creek	3/7/2011	10	1210	12100	0	7.9	0	De-chlor,diffuser, gravel bags
230-104-75	Hydrant Flushing	Calabazas Creek	3/7/2011	10	1113	11130	0.04	7.8	0	De-chlor,diffuser, gravel bags
230-103-75	Hydrant Flushing	Calabazas Creek	3/7/2011	8	1113	8904	0.06	7.6	0	De-chlor,diffuser, gravel bags
231-114-75	Hydrant Flushing	Calabazas Creek	3/7/2011	10	1482	14820	0.08	7.5	0	De-chlor,diffuser, gravel bags
231-113-75	Hydrant Flushing	Calabazas Creek	3/7/2011	10	1186	11860	0.04	7.5	0	De-chlor,diffuser, gravel bags
536-101-75	Hydrant Flushing	Calabazas Creek	3/8/2011	15	72	1424	0.15	7.9	0	De-chlor,diffuser, gravel bags
536-102-75	Hydrant Flushing	Calabazas Creek	3/8/2011	15	74	1443	0.13	7.7	0	De-chlor,diffuser, gravel bags
536-104-75	Hydrant Flushing	Calabazas Creek	3/8/2011	8	76	1463	0.07	8.1	0	De-chlor,diffuser, gravel bags
536-105-75	Hydrant Flushing	Calabazas Creek	3/8/2011	18	77	1472	0.09	8.3	0	De-chlor,diffuser, gravel bags
536-106-75	Hydrant Flushing	Calabazas Creek	3/8/2011	15	79	1491	0.09	8.3	0	De-chlor,diffuser, gravel bags
536-107-75	Hydrant Flushing	Calabazas Creek	3/8/2011	8	80	1500	0.07	8.1	0	De-chlor,diffuser, gravel bags
536-108-75	Hydrant Flushing	Calabazas Creek	3/8/2011	8	80	1500	0.03	8	0	De-chlor,diffuser, gravel bags
536-109-75	Hydrant Flushing	Calabazas Creek	3/8/2011	12	80	1500	0	8	0	De-chlor,diffuser, gravel bags
537-101-75	Hydrant Flushing	Calabazas Creek	3/8/2011	15	74	1443	0.02	8.3	0	De-chlor,diffuser, gravel bags
537-102-75	Hydrant Flushing	Calabazas Creek	3/8/2011	15	78	1482	0.05	8	0	De-chlor,diffuser, gravel bags
537-103-75	Hydrant Flushing	Calabazas Creek	3/8/2011	15	76	1463	0.03	8.7	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
537-104-75	Hydrant Flushing	Calabazas Creek	3/8/2011	13	70	1404	0.03	8.90	0	De-chlor,diffuser, gravel bags
537-105-75	Hydrant Flushing	Calabazas Creek	3/8/2011	15	74	1443	0	8.40	0	De-chlor,diffuser, gravel bags
537-106-75	Hydrant Flushing	Calabazas Creek	3/8/2011	18	76	1463	0	8.70	0	De-chlor,diffuser, gravel bags
537-107-75	Hydrant Flushing	Calabazas Creek	3/8/2011	16	76	1463	0.03	8.30	0	De-chlor,diffuser, gravel bags
537-108-75	Hydrant Flushing	Calabazas Creek	3/8/2011	30	80	1500	0.01	8.60	0	De-chlor,diffuser, gravel bags
537-109-75	Hydrant Flushing	Calabazas Creek	3/8/2011	45	78	1442	0.01	8.30	0	De-chlor,diffuser, gravel bags
537-110-75	Hydrant Flushing	Calabazas Creek	3/8/2011	15	74	1443	0	8.60	0	De-chlor,diffuser, gravel bags
538-101-75	Hydrant Flushing	Calabazas Creek	3/8/2011	10	76	1463	0.02	8.00	0	De-chlor,diffuser, gravel bags
538-102-75	Hydrant Flushing	Calabazas Creek	3/8/2011	15	72	1424	0.05	8.00	0	De-chlor,diffuser, gravel bags
231-101-75	Hydrant Flushing	Calabazas Creek	3/9/2011	15	1482	22230	0.02	7.70	0	De-chlor,diffuser, gravel bags
231-15-75	Hydrant Flushing	Calabazas Creek	3/9/2011	15	1482	22230	0	8.00	0	De-chlor,diffuser, gravel bags
232-101-75	Hydrant Flushing	Calabazas Creek	3/9/2011	10	1463	14630	0.06	7.80	0	De-chlor,diffuser, gravel bags
232-102-75	Hydrant Flushing	Calabazas Creek	3/9/2011	15	1443	21645	0.03	8.30	0	De-chlor,diffuser, gravel bags
232-104-75	Hydrant Flushing	Calabazas Creek	3/9/2011	15	1424	12816	0.03	7.90	0	De-chlor,diffuser, gravel bags
232-105-75	Hydrant Flushing	Calabazas Creek	3/9/2011	10	1424	14240	0.04	7.60	0	De-chlor,diffuser, gravel bags
232-106-75	Hydrant Flushing	Calabazas Creek	3/9/2011	15	1424	21360	0.02	8.00	0	De-chlor,diffuser, gravel bags
548-101-75	Hydrant Flushing	East Channel	3/10/2011	15	1463	21945	0	8.50	0	De-chlor,diffuser, gravel bags
548-102-75	Hydrant Flushing	East Channel	3/10/2011	15	1500	22500	0.03	8.00	0	De-chlor,diffuser, gravel bags
548-103-75	Hydrant Flushing	East Channel	3/10/2011	15	1384	20760	0.01	8.40	0	De-chlor,diffuser, gravel bags
548-107-75	Hydrant Flushing	East Channel	3/10/2011	15	1500	22560	0.04	8.40	0	De-chlor,diffuser, gravel bags
552-102-75	Hydrant Flushing	East Channel	3/10/2011	10	1463	14630	0.04	7.80	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
550-103-75	Hydrant Flushing	East Channel	3/10/2011	15	1500	22520	0.02	7.70	0	De-chlor,diffuser, gravel bags
550-104-75	Hydrant Flushing	East Channel	3/10/2011	15	1482	22230	0.02	8.00	0	De-chlor,diffuser, gravel bags
551-101-75	Hydrant Flushing	East Channel	3/10/2011	15	1443	21645	0.04	7.80	0	De-chlor,diffuser, gravel bags
551-102-75	Hydrant Flushing	East Channel	3/10/2011	15	1463	21945	0.02	8.20	0	De-chlor,diffuser, gravel bags
551-103-75	Hydrant Flushing	East Channel	3/10/2011	15	1463	21945	0.01	7.90	0	De-chlor,diffuser, gravel bags
551-104-75	Hydrant Flushing	East Channel	3/10/2011	15	1443	14430	0	8.20	0	De-chlor,diffuser, gravel bags
233-101-75	Hydrant Flushing	East Channel	3/10/2011	15	1482	22230	0	7.70	0	De-chlor,diffuser, gravel bags
233-102-75	Hydrant Flushing	East Channel	3/10/2011	15	1424	21360	0.02	8.10	0	De-chlor,diffuser, gravel bags
233-103-11	Hydrant Flushing	East Channel	3/10/2011	15	1384	20760	0	7.90	0	De-chlor,diffuser, gravel bags
233-104-75	Hydrant Flushing	East Channel	3/10/2011	20	1424	20480	0.01	7.70	0	De-chlor,diffuser, gravel bags
233-109-75	Hydrant Flushing	East Channel	3/10/2011	15	1443	21645	0.04	7.80	0	De-chlor,diffuser, gravel bags
234-102-75	Hydrant Flushing	East Channel	3/15/2011	9	1424	12816	0	7.70	0	De-chlor,diffuser, gravel bags
234-101-75	Hydrant Flushing	East Channel	3/15/2011	8	1404	11232	0.01	7.70	0	De-chlor,diffuser, gravel bags
234-103-75	Hydrant Flushing	East Channel	3/15/2011	11	1384	12456	0.05	7.70	0	De-chlor,diffuser, gravel bags
234-104-75	Hydrant Flushing	East Channel	3/15/2011	11	1384	15224	0.05	7.50	0	De-chlor,diffuser, gravel bags
234-105-75	Hydrant Flushing	East Channel	3/15/2011	15	1404	21060	0.08	7.60	0	De-chlor,diffuser, gravel bags
234-106-75	Hydrant Flushing	East Channel	3/15/2011	8	1404	11232	0.01	7.70	0	De-chlor,diffuser, gravel bags
235-102-74	Hydrant Flushing	East Channel	3/15/2011	12	1352	16224	0	7.70	0	De-chlor,diffuser, gravel bags
235-101-74	Hydrant Flushing	East Channel	3/15/2011	12	1352	16224	0.03	7.60	0	De-chlor,diffuser, gravel bags
235-103-75	Hydrant Flushing	East Channel	3/15/2011	11	1363	14993	0.19	7.70	0	De-chlor,diffuser, gravel bags
235-108-75	Hydrant Flushing	East Channel	3/15/2011	12	1352	16224	0.01	7.40	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
235-107-75	Hydrant Flushing	East Channel	3/15/2011	9	1424	12816	0.12	7.40	0	De-chlor,diffuser, gravel bags
235-106-75	Hydrant Flushing	East Channel	3/15/2011	9	1342	12078	0.02	7.60	0	De-chlor,diffuser, gravel bags
235-104-75	Hydrant Flushing	East Channel	3/15/2011	12	1404	16848	0.19	7.40	0	De-chlor,diffuser, gravel bags
235-105-75	Hydrant Flushing	East Channel	3/15/2011	18	1404	25272	0.12	7.40	0	De-chlor,diffuser, gravel bags
235-109-75	Hydrant Flushing	East Channel	3/15/2011	11	1404	12636	0.08	7.20	0	De-chlor,diffuser, gravel bags
235-110-75	Hydrant Flushing	East Channel	3/15/2011	11	1384	11072	0	7.90	0	De-chlor,diffuser, gravel bags
235-111-75	Hydrant Flushing	East Channel	3/15/2011	11	1342	14762	0.06	7.80	0	De-chlor,diffuser, gravel bags
236-101-75	Hydrant Flushing	East Channel	3/15/2011	12	1342	16104	0.26	7.60	0	De-chlor,diffuser, gravel bags
236-102-75	Hydrant Flushing	East Channel	3/15/2011	9	1342	12078	0.11	7.70	0	De-chlor,diffuser, gravel bags
236-108-75	Hydrant Flushing	East Channel	3/16/2011	9	1278	11502	0.09	7.60	0	De-chlor,diffuser, gravel bags
236-107-75	Hydrant Flushing	East Channel	3/16/2011	8	1384	11072	0.06	7.40	0	De-chlor,diffuser, gravel bags
236-103-75	Hydrant Flushing	East Channel	3/16/2011	11	1384	15224	0.03	7.80	0	De-chlor,diffuser, gravel bags
236-106-75	Hydrant Flushing	East Channel	3/16/2011	11	1342	14762	0.01	7.40	0	De-chlor,diffuser, gravel bags
236-104-75	Hydrant Flushing	East Channel	3/16/2011	15	1342	20130	0.06	7.60	0	De-chlor,diffuser, gravel bags
236-105-75	Hydrant Flushing	East Channel	3/16/2011	8	1300	10400	0.14	7.40	0	De-chlor,diffuser, gravel bags
236-110-74	Hydrant Flushing	East Channel	3/16/2011	12	1342	16104	0.05	7.60	0	De-chlor,diffuser, gravel bags
236-109-75	Hydrant Flushing	East Channel	3/16/2011	12	1320	15840	0.19	7.60	0	De-chlor,diffuser, gravel bags
237-105-74	Hydrant Flushing	East Channel	3/16/2011	11	1300	14300	0.09	7.70	0	De-chlor,diffuser, gravel bags
237-106-75	Hydrant Flushing	East Channel	3/16/2011	12	1300	15600	0.02	7.80	0	De-chlor,diffuser, gravel bags
237-108-74	Hydrant Flushing	East Channel	3/16/2011	9	1342	12078	0	7.70	0	De-chlor,diffuser, gravel bags
237-107-74	Hydrant Flushing	East Channel	3/16/2011	9	1342	12078	0.03	7.50	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
237-104-75	Hydrant Flushing	East Channel	3/16/2011	12	1320	15840	0.09	7.60	0	De-chlor,diffuser, gravel bags
238-107-74	Hydrant Flushing	East Channel	3/16/2011	18	1278	23004	0.12	7.30	0	De-chlor,diffuser, gravel bags
238-104-74	Hydrant Flushing	East Channel	3/16/2011	11	1278	14088	0.02	7.70	0	De-chlor,diffuser, gravel bags
237-103-75	Hydrant Flushing	East Channel	3/16/2011	8	1300	10400	0.08	7.70	0	De-chlor,diffuser, gravel bags
237-102-75	Hydrant Flushing	East Channel	3/16/2011	11	1255	13805	0.03	7.60	0	De-chlor,diffuser, gravel bags
237-101-75	Hydrant Flushing	East Channel	3/16/2011	12	1300	15600	0.08	7.70	0	De-chlor,diffuser, gravel bags
238-102-74	Hydrant Flushing	East Channel	3/16/2011	9	1300	11700	0.01	7.60	0	De-chlor,diffuser, gravel bags
238-101-74	Hydrant Flushing	East Channel	3/16/2011	16	1300	20800	0.03	7.70	0	De-chlor,diffuser, gravel bags
552-101-78	Hydrant Flushing	West Channel	3/17/2011	10	1443	14430	0	8.20	0	De-chlor,diffuser, gravel bags
552-102-75	Hydrant Flushing	West Channel	3/17/2011	10	1482	14820	0.01	8.10	0	De-chlor,diffuser, gravel bags
552-103-75	Hydrant Flushing	West Channel	3/17/2011	15	1463	21945	0.05	8.00	0	De-chlor,diffuser, gravel bags
569-101-75	Hydrant Flushing	West Channel	3/17/2011	10	1404	14040	0.07	8.30	0	De-chlor,diffuser, gravel bags
569-102-75	Hydrant Flushing	West Channel	3/17/2011	10	1443	14430	0.03	8.00	0	De-chlor,diffuser, gravel bags
569-103-75	Hydrant Flushing	West Channel	3/17/2011	10	1463	14630	0.06	8.20	0	De-chlor,diffuser, gravel bags
589-101-75	Hydrant Flushing	West Channel	3/17/2011	10	1463	14630	0.04	8.10	0	De-chlor,diffuser, gravel bags
589-102-75	Hydrant Flushing	West Channel	3/17/2011	10	1443	14430	0	8.00	0	De-chlor,diffuser, gravel bags
238-103-75	Hydrant Flushing	East Channel	3/17/2011	10	1162	11620	0.09	7.70	0	De-chlor,diffuser, gravel bags
238-105-75	Hydrant Flushing	East Channel	3/17/2011	11	1186	13046	0.08	7.80	0	De-chlor,diffuser, gravel bags
238-106-75	Hydrant Flushing	East Channel	3/17/2011	13	1186	15418	0.1	7.60	0	De-chlor,diffuser, gravel bags
245-101-75	Hydrant Flushing	East Channel	3/17/2011	15	1210	12100	0.07	7.80	0	De-chlor,diffuser, gravel bags
245-102-75	Hydrant Flushing	East Channel	3/17/2011	7	1300	9100	0.07	8.20	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
245-104-75	Hydrant Flushing	East Channel	3/17/2011	8	1278	10224	0.02	7.90	0	De-chlor,diffuser, gravel bags
245-104-75	Hydrant Flushing	East Channel	3/17/2011	8	1278	10224	0.02	7.90	0	De-chlor,diffuser, gravel bags
245-105-75	Hydrant Flushing	East Channel	3/17/2011	10	1300	13000	0.1	7.90	0	De-chlor,diffuser, gravel bags
245-106-75	Hydrant Flushing	East Channel	3/17/2011	18	1320	26400	0.09	8.10	0	De-chlor,diffuser, gravel bags
245-107-75	Hydrant Flushing	East Channel	3/17/2011	15	1342	20130	0.08	8.00	0	De-chlor,diffuser, gravel bags
245-108-75	Hydrant Flushing	East Channel	3/21/2011	10	1300	13000	0.05	7.40	0	De-chlor,diffuser, gravel bags
245-109-75	Hydrant Flushing	East Channel	3/21/2011	8	1300	10400	0.09	7.50	0	De-chlor,diffuser, gravel bags
245-110-75	Hydrant Flushing	East Channel	3/21/2011	11	1278	14058	0.04	7.60	0	De-chlor,diffuser, gravel bags
246-107-75	Hydrant Flushing	East Channel	3/21/2011	11	1278	14058	0.01	7.50	0	De-chlor,diffuser, gravel bags
246-105-74	Hydrant Flushing	East Channel	3/21/2011	15	1300	19500	0.08	7.10	0	De-chlor,diffuser, gravel bags
246-103-75	Hydrant Flushing	East Channel	3/21/2011	8	1233	9864	0.01	7.40	0	De-chlor,diffuser, gravel bags
246-104-75	Hydrant Flushing	East Channel	3/21/2011	12	1342	16104	0.07	7.40	0	De-chlor,diffuser, gravel bags
246-101-75	Hydrant Flushing	East Channel	3/21/2011	12	1342	16104	0.03	7.50	0	De-chlor,diffuser, gravel bags
246-106-75	Hydrant Flushing	East Channel	3/21/2011	11	1342	14762	0.08	7.40	0	De-chlor,diffuser, gravel bags
246-102-75	Hydrant Flushing	East Channel	3/21/2011	12	1343	16104	0.08	7.70	0	De-chlor,diffuser, gravel bags
246-110-75	Hydrant Flushing	East Channel	3/21/2011	9	1342	12078	0.09	7.60	0	De-chlor,diffuser, gravel bags
246-109-75	Hydrant Flushing	East Channel	3/21/2011	9	1363	12267	0.01	7.50	0	De-chlor,diffuser, gravel bags
246-108-75	Hydrant Flushing	East Channel	3/21/2011	12	1404	16848	0.09	7.40	0	De-chlor,diffuser, gravel bags
246-112-75	Hydrant Flushing	East Channel	3/21/2011	13	1404	25272	0.1	6.90	0	De-chlor,diffuser, gravel bags
246-111-75	Hydrant Flushing	East Channel	3/21/2011	12	1384	16608	0.08	7.10	0	De-chlor,diffuser, gravel bags
247-104-75	Hydrant Flushing	East Channel	3/21/2011	9	1424	12816	0.12	7.20	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
247-101-75	Hydrant Flushing	East Channel	3/21/2011	11	1424	15664	0.09	7.00	0	De-chlor,diffuser, gravel bags
247-102-75	Hydrant Flushing	East Channel	3/21/2011	12	1424	17088	0.05	7.20	0	De-chlor,diffuser, gravel bags
247-103-75	Hydrant Flushing	East Channel	3/21/2011	8	1404	11232	0	7.10	0	De-chlor,diffuser, gravel bags
589-103-75	Hydrant Flushing	Stevens Creek	3/24/2011	15	1424	21630	0.06	2.08	0	De-chlor,diffuser, gravel bags
589-104-75	Hydrant Flushing	Stevens Creek	3/24/2011	15	1424	21360	0	8.20	0	De-chlor,diffuser, gravel bags
589-105-75	Hydrant Flushing	Stevens Creek	3/24/2011	15	1500	22500	0.03	8.70	0	De-chlor,diffuser, gravel bags
589-106-75	Hydrant Flushing	Stevens Creek	3/24/2011	15	1424	21360	0.09	8.50	0	De-chlor,diffuser, gravel bags
589-107-75	Hydrant Flushing	Stevens Creek	3/24/2011	10	1509	22635	0.14	8.30	0	De-chlor,diffuser, gravel bags
589-108-75	Hydrant Flushing	Stevens Creek	3/24/2011	15	1509	22635	0.16	8.40	0	De-chlor,diffuser, gravel bags
589-111-75	Hydrant Flushing	Stevens Creek	3/24/2011	15	1424	21360	0.1	8.40	0	De-chlor,diffuser, gravel bags
592-101-75	Hydrant Flushing	Stevens Creek	3/24/2011	15	1463	21945	0.02	8.20	0	De-chlor,diffuser, gravel bags
592-102-75	Hydrant Flushing	Stevens Creek	3/24/2011	15	1424	21360	0.07	8.70	0	De-chlor,diffuser, gravel bags
248-102-75	Hydrant Flushing	Stevens Creek	3/24/2011	20	1443	21645	0	8.00	0	De-chlor,diffuser, gravel bags
248-103-75	Hydrant Flushing	Stevens Creek	3/24/2011	15	1443	21645	0.03	7.50	0	De-chlor,diffuser, gravel bags
248-104-75	Hydrant Flushing	Stevens Creek	3/24/2011	15	1463	21445	0	8.00	0	De-chlor,diffuser, gravel bags
249-111-75	Hydrant Flushing	Stevens Creek	3/24/2011	15	1500	22500	0.05	7.90	0	De-chlor,diffuser, gravel bags
249-112-75	Hydrant Flushing	Stevens Creek	3/24/2011	15	1443	21645	0.03	7.80	0	De-chlor,diffuser, gravel bags
247-107-75	Hydrant Flushing	Stevens Creek	3/22/2011	15	1404	21060	0.03	7.70	0	De-chlor,diffuser, gravel bags
248-112-75	Hydrant Flushing	Stevens Creek	3/22/2011	10	1463	14630	0.07	8.10	0	De-chlor,diffuser, gravel bags
248-111-75	Hydrant Flushing	Stevens Creek	3/22/2011	10	1363	13630	0.09	8.20	0	De-chlor,diffuser, gravel bags
248-110-75	Hydrant Flushing	Stevens Creek	3/22/2011	15	1404	21060	0.06	8.00	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
248-113-75	Hydrant Flushing	Stevens Creek	3/22/2011	12	1424	17088	0.07	7.90	0	De-chlor,diffuser, gravel bags
248-101-75	Hydrant Flushing	Stevens Creek	3/22/2011	19	1433	27227	0.07	7.60	0	De-chlor,diffuser, gravel bags
No Discharges in April										
573-106-75	Hydrant Flushing	West Channel	5/31/2011	11	1482	16302	0	8.50	0	De-chlor,diffuser, gravel bags
573-105-75	Hydrant Flushing	West Channel	5/31/2011	9	1482	13068	0	8.60	0	De-chlor,diffuser, gravel bags
573-101-75	Hydrant Flushing	West Channel	5/31/2011	13	1500	19500	0.11	8.50	0	De-chlor,diffuser, gravel bags
574-102-75	Hydrant Flushing	Calabazas Creek	5/31/2011	11	1482	16302	0.04	8.30	0	De-chlor,diffuser, gravel bags
574-101-75	Hydrant Flushing	Calabazas Creek	5/31/2011	13	1500	19500	0.04	8.00	0	De-chlor,diffuser, gravel bags
574-106-75	Hydrant Flushing	Calabazas Creek	5/31/2011	9	1433	12897	0	8.40	0	De-chlor,diffuser, gravel bags
574-107-75	Hydrant Flushing	Calabazas Creek	5/31/2011	12	1500	18000	0.03	8.70	0	De-chlor,diffuser, gravel bags
575-102-75	Hydrant Flushing	Calabazas Creek	5/31/2011	8	1482	14100	0	8.50	0	De-chlor,diffuser, gravel bags
575-101-75	Hydrant Flushing	Calabazas Creek	5/31/2011	12	1500	18000	0.04	8.60	0	De-chlor,diffuser, gravel bags
574-104-75	Hydrant Flushing	Calabazas Creek	5/31/2011	12	1500	18000	0	8.30	0	De-chlor,diffuser, gravel bags
576-106-75	Hydrant Flushing	Calabazas Creek	5/31/2011	12	1500	18000	0.02	8.50	0	De-chlor,diffuser, gravel bags
576-105-75	Hydrant Flushing	Calabazas Creek	5/31/2011	13	1404	18252	0	8.60	0	De-chlor,diffuser, gravel bags
576-101-75	Hydrant Flushing	Calabazas Creek	5/31/2011	12	1500	18000	0.02	8.30	0	De-chlor,diffuser, gravel bags
577-110-75	Hydrant Flushing	Calabazas Creek	5/31/2011	17	1500	25500	0.02	8.20	0	De-chlor,diffuser, gravel bags
577-109-75	Hydrant Flushing	Calabazas Creek	5/31/2011	12	1500	18000	0.04	8.30	0	De-chlor,diffuser, gravel bags
577-108-75	Hydrant Flushing	Calabazas Creek	5/31/2011	13	1500	18000	0	8.50	0	De-chlor,diffuser, gravel bags
577-107-75	Hydrant Flushing	Calabazas Creek	5/31/2011	13	1500	21000	0	7.90	0	De-chlor,diffuser, gravel bags
570-101-75	Hydrant Flushing	West Channel	5/31/2011	13	1500	19500	0	8.70	0	De-chlor,diffuser, gravel bags
570-102-75	Hydrant Flushing	West Channel	5/31/2011	12	1482	17784	0.02	7.90	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
570-103-75	Hydrant Flushing	Calabazas Creek	5/31/2011	15	1500	21000	0.02	8.40	0	De-chlor,diffuser, gravel bags
571-105-75	Hydrant Flushing	West Channel	5/31/2011	14	1500	21000	0.02	8.70	0	De-chlor,diffuser, gravel bags
571-103-75	Hydrant Flushing	West Channel	5/31/2011	14	1463	19019	0.05	8.30	0	De-chlor,diffuser, gravel bags
571-102-75	Hydrant Flushing	West Channel	5/31/2011	14	1463	20482	0.03	8.20	0	De-chlor,diffuser, gravel bags
584-108-75	Hydrant Flushing	Calabazas Creek	5/27/2011	10	1500	15000	0	8.70	0	De-chlor,diffuser, gravel bags
585-102-75	Hydrant Flushing	Calabazas Creek	5/27/2011	15	1500	22500	0.04	8.70	0	De-chlor,diffuser, gravel bags
577-104-75	Hydrant Flushing	Calabazas Creek	5/27/2011	11	1404	15444	0	8.70	0	De-chlor,diffuser, gravel bags
577-105-75	Hydrant Flushing	Calabazas Creek	5/27/2011	10	1384	13840	0.11	8.70	0	De-chlor,diffuser, gravel bags
577-106-75	Hydrant Flushing	Calabazas Creek	5/27/2011	15	1384	20760	0	8.60	0	De-chlor,diffuser, gravel bags
577-101-75	Hydrant Flushing	Calabazas Creek	5/27/2011	12	1443	17316	0.02	8.70	0	De-chlor,diffuser, gravel bags
577-102-75	Hydrant Flushing	Calabazas Creek	5/27/2011	11	1443	15873	0	8.70	0	De-chlor,diffuser, gravel bags
577-103-75	Hydrant Flushing	Calabazas Creek	5/27/2011	11	1443	15873	0.18	8.70	0	De-chlor,diffuser, gravel bags
227-101-75	Hydrant Flushing	Calabazas Creek	5/26/2011	12	1255	15060	0.02	8.40	0	De-chlor,diffuser, gravel bags
227-102-75	Hydrant Flushing	Calabazas Creek	5/26/2011	11	1233	13563	0.03	8.30	0	De-chlor,diffuser, gravel bags
227-103-75	Hydrant Flushing	Calabazas Creek	5/26/2011	12	1210	14510	0.04	8.40	0	De-chlor,diffuser, gravel bags
227-104-75	Hydrant Flushing	Calabazas Creek	5/26/2011	13	1233	16029	0.03	8.20	0	De-chlor,diffuser, gravel bags
227-105-75	Hydrant Flushing	Calabazas Creek	5/26/2011	11	1233	13563	0	8.70	0	De-chlor,diffuser, gravel bags
227-106-75	Hydrant Flushing	Calabazas Creek	5/26/2011	11	1210	13310	0.09	8.40	0	De-chlor,diffuser, gravel bags
227-107-75	Hydrant Flushing	Calabazas Creek	5/26/2011	15	1210	18150	0.06	8.30	0	De-chlor,diffuser, gravel bags
227-109-75	Hydrant Flushing	Calabazas Creek	5/26/2011	8	1186	94880	0.07	7.80	0	De-chlor,diffuser, gravel bags
227-108-75	Hydrant Flushing	Calabazas Creek	5/26/2011	10	1210	12100	0.05	8.20	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
228-102-75	Hydrant Flushing	Calabazas Creek	5/26/2011	12	1210	14520	0	7.90	0	De-chlor,diffuser, gravel bags
228-101-75	Hydrant Flushing	Calabazas Creek	5/26/2011	12	1186	14232	0.08	7.90	0	De-chlor,diffuser, gravel bags
228-103-75	Hydrant Flushing	Calabazas Creek	5/26/2011	12	1210	14520	0.03	8.10	0	De-chlor,diffuser, gravel bags
228-104-75	Hydrant Flushing	Calabazas Creek	5/26/2011	12	1233	14796	0.01	8.30	0	De-chlor,diffuser, gravel bags
228-105-75	Hydrant Flushing	Calabazas Creek	5/26/2011	15	1186	17790	0.01	8.00	0	De-chlor,diffuser, gravel bags
228-107-75	Hydrant Flushing	Calabazas Creek	5/26/2011	11	1221	13431	0.01	8.70	0	De-chlor,diffuser, gravel bags
228-106-75	Hydrant Flushing	Calabazas Creek	5/26/2011	17	1233	20961	0.07	8.70	0	De-chlor,diffuser, gravel bags
228-108-75	Hydrant Flushing	Calabazas Creek	5/26/2011	12	1186	14232	0.3	8.40	0	De-chlor,diffuser, gravel bags
228-109-75	Hydrant Flushing	Calabazas Creek	5/26/2011	14	1210	16940	0.05	8.20	0	De-chlor,diffuser, gravel bags
228-111-75	Hydrant Flushing	Calabazas Creek	5/26/2011	11	1186	13046	0.05	8.60	0	De-chlor,diffuser, gravel bags
584-101-75	Hydrant Flushing	Calabazas Creek	5/26/2011	13	1500	19500	0.06	8.40	0	De-chlor,diffuser, gravel bags
584-107-75	Hydrant Flushing	Calabazas Creek	5/26/2011	12	1500	18000	0	8.20	0	De-chlor,diffuser, gravel bags
584-103-75	Hydrant Flushing	Calabazas Creek	5/26/2011	13	1500	19500	0.04	8.30	0	De-chlor,diffuser, gravel bags
584-102-75	Hydrant Flushing	Calabazas Creek	5/26/2011	12	1482	17784	0	8.00	0	De-chlor,diffuser, gravel bags
584-106-75	Hydrant Flushing	Calabazas Creek	5/26/2011	4	1482	59280	0.04	8.10	0	De-chlor,diffuser, gravel bags
584-104-75	Hydrant Flushing	Calabazas Creek	5/26/2011	14	1463	20482	0.05	8.20	0	De-chlor,diffuser, gravel bags
584-105-75	Hydrant Flushing	Calabazas Creek	5/26/2011	14	1472	19908	0.04	8.20	0	De-chlor,diffuser, gravel bags
228-110-75	Hydrant Flushing	Calabazas Creek	5/26/2011	11	1233	13563	0.04	8.00	0	De-chlor,diffuser, gravel bags
578-105-75	Hydrant Flushing	Calabazas Creek	5/25/2011	19	1500	28500	0.22	8.7	0	De-chlor,diffuser, gravel bags
578-106-75	Hydrant Flushing	Calabazas Creek	5/25/2011	14	1414	22624	0.03	8.7	0	De-chlor,diffuser, gravel bags
583-106-75	Hydrant Flushing	Calabazas Creek	5/25/2011	14	1500	21000	0.07	8.2	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
583-105-75	Hydrant Flushing	Calabazas Creek	5/25/2011	12	1491	17892	0.06	8.2	0	De-chlor,diffuser, gravel bags
583-102-75	Hydrant Flushing	Calabazas Creek	5/25/2011	13	1500	19,500	0.1	8.3	0	De-chlor,diffuser, gravel bags
583-103-75	Hydrant Flushing	Calabazas Creek	5/25/2011	11	1500	16500	0	8.2	0	De-chlor,diffuser, gravel bags
583-101-75	Hydrant Flushing	Calabazas Creek	5/25/2011	12	1500	18000	0.01	8.3	0	De-chlor,diffuser, gravel bags
583-104-75	Hydrant Flushing	Calabazas Creek	5/25/2011	13	1424	18512	0.03	7.8	0	De-chlor,diffuser, gravel bags
589-701-75	Hydrant Flushing	East Channel	5/24/2011	12	1490	17880	0.19	7.9	0	De-chlor,diffuser, gravel bags
589-102-75	Hydrant Flushing	East Channel	5/24/2011	11	1482	16302	0.09	8.3	0	De-chlor,diffuser, gravel bags
589-103-75	Hydrant Flushing	East Channel	5/24/2011	12	1482	17784	0	8.3	0	De-chlor,diffuser, gravel bags
589-104-75	Hydrant Flushing	East Channel	5/24/2011	12	1463	17556	0.13	8.4	0	De-chlor,diffuser, gravel bags
589-105-75	Hydrant Flushing	East Channel	5/24/2011	11	1463	16093	0	8.3	0	De-chlor,diffuser, gravel bags
589-106-75	Hydrant Flushing	East Channel	5/24/2011	13	1424	18512	0	8.2	0	De-chlor,diffuser, gravel bags
589-107-75	Hydrant Flushing	East Channel	5/24/2011	13	1482	19266	0.02	8.2	0	De-chlor,diffuser, gravel bags
589-108-75	Hydrant Flushing	East Channel	5/24/2011	14	1500	21000	0.22	8.2	0	De-chlor,diffuser, gravel bags
589-111-75	Hydrant Flushing	East Channel	5/24/2011	12	1482	17784	0.06	8.7	0	De-chlor,diffuser, gravel bags
578-101-75	Hydrant Flushing	East Channel	5/24/2011	13	1500	19500	0.08	8.7	0	De-chlor,diffuser, gravel bags
578-102-75	Hydrant Flushing	East Channel	5/24/2011	20	1500	30000	0	8.6	0	De-chlor,diffuser, gravel bags
578-103-75	Hydrant Flushing	East Channel	5/24/2011	14	1500	21000	0.13	8.7	0	De-chlor,diffuser, gravel bags
	Hydrant Flushing	East Channel	5/24/2011	14	1482	20748	0.01	8.7	0	De-chlor,diffuser, gravel bags
610-107-75	Hydrant Flushing	West Channel	5/19/2011	13	1500	19500	0	8.2	0	De-chlor,diffuser, gravel bags
611-102-75	Hydrant Flushing	East Channel	5/19/2011	12	1482	17784	0.03	8.1	0	De-chlor,diffuser, gravel bags
575-103-75	Hydrant Flushing	Calabazas Creek	5/19/2011	14	1463	20482	0.05	8.7	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
574-105-75	Hydrant Flushing	Calabazas Creek	5/19/2011	14	1491	20874	0.03	8.5	0	De-chlor,diffuser, gravel bags
587-105-75	Hydrant Flushing	Calabazas Creek	5/19/2011	13	1520	19760	0.04	8.3	0	De-chlor,diffuser, gravel bags
587-106-75	Hydrant Flushing	Calabazas Creek	5/19/2011	14	1500	21000	0.02	8.7	0	De-chlor,diffuser, gravel bags
587-107-75	Hydrant Flushing	Calabazas Creek	5/19/2011	14	1500	21000	0	8.4	0	De-chlor,diffuser, gravel bags
591-101-75	Hydrant Flushing	West Channel	5/19/2011	13	1482	19266	0.1	8	0	De-chlor,diffuser, gravel bags
591-102-75	Hydrant Flushing	West Channel	5/19/2011	20	1500	30000	0.09	8.7	0	De-chlor,diffuser, gravel bags
591-103-75	Hydrant Flushing	West Channel	5/19/2011	15	1500	22500	0.13	8.7	0	De-chlor,diffuser, gravel bags
591-104-75	Hydrant Flushing	West Channel	5/19/2011	15	1500	21000	0.07	8.7	0	De-chlor,diffuser, gravel bags
215-105-75	Hydrant Flushing	Calabazas Creek	5/18/2011	12	1186	15418	0.25	8.1	0	De-chlor,diffuser, gravel bags
215-105-75	Hydrant Flushing	Calabazas Creek	5/18/2011	12	1233	14796	0.19	8.2	0	De-chlor,diffuser, gravel bags
225-101-75	Hydrant Flushing	Calabazas Creek	5/18/2011	12	1320	15840	0	8.2	0	De-chlor,diffuser, gravel bags
225-102-75	Hydrant Flushing	Calabazas Creek	5/18/2011	11	1255	13805	0	8.1	0	De-chlor,diffuser, gravel bags
226-104-75	Hydrant Flushing	Calabazas Creek	5/18/2011	12	1255	16315	0	8.2	0	De-chlor,diffuser, gravel bags
226-105-75	Hydrant Flushing	Calabazas Creek	5/18/2011	14	1278	17892	0	8.5	0	De-chlor,diffuser, gravel bags
226-109-75	Hydrant Flushing	Calabazas Creek	5/18/2011	13	1255	16315	0.03	7.7	0	De-chlor,diffuser, gravel bags
226-107-75	Hydrant Flushing	Calabazas Creek	5/18/2011	11	1255	13805	0.02	8.1	0	De-chlor,diffuser, gravel bags
226-102-75	Hydrant Flushing	Calabazas Creek	5/18/2011	14	1244	17416	0.02	7.9	0	De-chlor,diffuser, gravel bags
226-103-75	Hydrant Flushing	Calabazas Creek	5/18/2011	13	1162	15106	0.05	8.6	0	De-chlor,diffuser, gravel bags
226-106-75	Hydrant Flushing	Calabazas Creek	5/18/2011	12	1246	14928	0.07	7.8	0	De-chlor,diffuser, gravel bags
226-101-75	Hydrant Flushing	Calabazas Creek	5/18/2011	12	1255	15060	0.07	8.7	0	De-chlor,diffuser, gravel bags
226-108-75	Hydrant Flushing	Calabazas Creek	5/18/2011	12	1278	16614	0.07	8	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
187-102-75	Hydrant Flushing	Calabazas Creek	5/18/2011	11	1233	13563	0	8.3	0	De-chlor,diffuser, gravel bags
187-101-75	Hydrant Flushing	Calabazas Creek	5/18/2011	12	1186	14232	0.05	8	0	De-chlor,diffuser, gravel bags
187-103-75	Hydrant Flushing	Calabazas Creek	5/18/2011	13	1162	15106	0.03	8.1	0	De-chlor,diffuser, gravel bags
187-104-75	Hydrant Flushing	Calabazas Creek	5/18/2011	8	1186	14232	0.05	8.7	0	De-chlor,diffuser, gravel bags
631-104-75	Hydrant Flushing	East Channel	5/17/2011	12	1520	18240	0.02	8.4	0	De-chlor,diffuser, gravel bags
631-108-75	Hydrant Flushing	East Channel	5/17/2011	10	1500	15000	0.05	8	0	De-chlor,diffuser, gravel bags
631-109-75	Hydrant Flushing	East Channel	5/17/2011	14	1500	19500	0.02	7.9	0	De-chlor,diffuser, gravel bags
649-101-75	Hydrant Flushing	West Channel	5/17/2011	13	1500	19500	0.06	8.7	0	De-chlor,diffuser, gravel bags
649-102-75	Hydrant Flushing	West Channel	5/17/2011	13	1500	19500	0.08	8.1	0	De-chlor,diffuser, gravel bags
649-103-75	Hydrant Flushing	West Channel	5/17/2011	13	1491	17880	0.04	8.7	0	De-chlor,diffuser, gravel bags
649-104-75	Hydrant Flushing	West Channel	5/17/2011	18	1491	19383	0	8.5	0	De-chlor,diffuser, gravel bags
652-102-75	Hydrant Flushing	East Channel	5/17/2011	13	1540	20020	0.03	7.8	0	De-chlor,diffuser, gravel bags
652-101-75	Hydrant Flushing	East Channel	5/17/2011	13	1540	20020	0.07	8.2	0	De-chlor,diffuser, gravel bags
611-105-75	Hydrant Flushing	East Channel	5/17/2011	13	1540	20020	0.44	8.1	0	De-chlor,diffuser, gravel bags
611-106-75	Hydrant Flushing	East Channel	5/17/2011	11	1482	16302	0.38	8.70	0	De-chlor,diffuser, gravel bags
611-107-75	Hydrant Flushing	East Channel	5/17/2011	14	1482	20748	0.01	8.10	0	De-chlor,diffuser, gravel bags
615-102-75	Hydrant Flushing	Calabazas Creek	5/17/2011	13	1500	19500	0.09	8.70	0	De-chlor,diffuser, gravel bags
615-107-75	Hydrant Flushing	Calabazas Creek	5/17/2011	14	1500	2100	0.05	8.30	0	De-chlor,diffuser, gravel bags
615-105-75	Hydrant Flushing	Calabazas Creek	5/17/2011	11	1520	21280	0	8.10	0	De-chlor,diffuser, gravel bags
615-106-75	Hydrant Flushing	Calabazas Creek	5/17/2011	12	1540	18480	0.02	8.20	0	De-chlor,diffuser, gravel bags
615-108-75	Hydrant Flushing	Calabazas Creek	5/17/2011	7	1363	9541	0.14	8.10	0	De-chlor,diffuser, gravel bags

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615-109-75	Hydrant Flushing	Calabazas Creek	5/17/2011	12	1342	16104	0.05	7.60	0	De-chlor,diffuser, gravel bags
631-101-74	Hydrant Flushing	West Channel	5/17/2011	12	1520	18240	0.16	7.90	0	De-chlor,diffuser, gravel bags
610-109-75	Hydrant Flushing	West Channel	5/17/2011	13	1500	19500	0.12	8.10	0	De-chlor,diffuser, gravel bags
631-108-75	Hydrant Flushing	East Channel	5/17/2011	10	1500	15000	0.07	8.30	0	De-chlor,diffuser, gravel bags
631-107-75	Hydrant Flushing	East Channel	5/17/2011	13	1491	19383	0	8.40	0	De-chlor,diffuser, gravel bags
631-106-75	Hydrant Flushing	East Channel	5/17/2011	12	1500	18000	0.19	8.30	0	De-chlor,diffuser, gravel bags
631-105-75	Hydrant Flushing	East Channel	5/17/2011	12	1500	1800	0.16	8.20	0	De-chlor,diffuser, gravel bags
512-102-75	Hydrant Flushing	West Channel	5/16/2011	12	1424	17088	0.03	8.60	0	De-chlor,diffuser, gravel bags
512-101-75	Hydrant Flushing	East Channel	5/16/2011	15	1443	21645	0.01	8.40	0	De-chlor,diffuser, gravel bags
512-104-75	Hydrant Flushing	East Channel	5/16/2011	11	1443	15873	0	7.90	0	De-chlor,diffuser, gravel bags
512-103-75	Hydrant Flushing	East Channel	5/16/2011	13	1443	18759	0.04	7.70	0	De-chlor,diffuser, gravel bags
513-101-75	Hydrant Flushing	East Channel	5/16/2011	14	1443	20202	0.01	7.40	0	De-chlor,diffuser, gravel bags
513-101-75	Hydrant Flushing	East Channel	5/16/2011	12	1443	17316	0.12	7.60	0	De-chlor,diffuser, gravel bags
514-101-75	Hydrant Flushing	West Channel	5/16/2011	11	1443	15873	0.01	7.40	0	De-chlor,diffuser, gravel bags
514-102-75	Hydrant Flushing	West Channel	5/16/2011	11	1443	15873	0.09	7.60	0	De-chlor,diffuser, gravel bags
528-101-75	Hydrant Flushing	West Channel	5/16/2011	13	1443	15759	0.08	7.40	0	De-chlor,diffuser, gravel bags
528-102-75	Hydrant Flushing	West Channel	5/16/2011	15	1443	15873	0.03	7.50	0	De-chlor,diffuser, gravel bags
528-103-75	Hydrant Flushing	West Channel	5/16/2011	12	1443	17316	0.09	7.60	0	De-chlor,diffuser, gravel bags
529-107-76	Hydrant Flushing	West Channel	5/16/2011	12	1463	17556	0.12	7.80	0	De-chlor,diffuser, gravel bags
529-106-75	Hydrant Flushing	East Channel	5/16/2011	14	1424	19936	0.15	8.00	0	De-chlor,diffuser, gravel bags
529-105-75	Hydrant Flushing	East Channel	5/16/2011	11	1424	15664	0.24	8.10	0	De-chlor,diffuser, gravel bags

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529-104-75	Hydrant Flushing	East Channel	5/16/2011	12	1424	17088	0.08	8.00	0	De-chlor,diffuser, gravel bags
529-103-75	Hydrant Flushing	East Channel	5/16/2011	11	1424	15664	0	7.90	0	De-chlor,diffuser, gravel bags
529-101-75	Hydrant Flushing	East Channel	5/16/2011	12	1424	17088	0.05	7.60	0	De-chlor,diffuser, gravel bags
529-102-75	Hydrant Flushing	East Channel	5/16/2011	11	1463	16093	0.29	8.10	0	De-chlor,diffuser, gravel bags
529-101-75	Hydrant Flushing	East Channel	5/16/2011	9	1424	12816	0	8.00	0	De-chlor,diffuser, gravel bags
529-109-75	Hydrant Flushing	West Channel	5/16/2011	11	1424	15664	0	8.40	0	De-chlor,diffuser, gravel bags
589-112-75	Hydrant Flushing	East Channel	5/13/2011	20	1414	28280	0.03	8.10	0	De-chlor,diffuser, gravel bags
589-114-75	Hydrant Flushing	East Channel	5/13/2011	9	1491	13419	0	8.40	0	De-chlor,diffuser, gravel bags
589-115-75	Hydrant Flushing	East Channel	5/13/2011	12	1482	1482	0.08	8.20	0	De-chlor,diffuser, gravel bags
589-109-75	Hydrant Flushing	East Channel	5/13/2011	12	1500	18000	0.07	8.00	0	De-chlor,diffuser, gravel bags
589-110-75	Hydrant Flushing	East Channel	5/13/2011	11	1500	16500	0.02	8.40	0	De-chlor,diffuser, gravel bags
590-106-75	Hydrant Flushing	East Channel	5/13/2011	16	1500	24000	0.06	8.00	0	De-chlor,diffuser, gravel bags
590-102-75	Hydrant Flushing	East Channel	5/13/2011	11	1500	16500	0.08	8.10	0	De-chlor,diffuser, gravel bags
590-103-75	Hydrant Flushing	East Channel	5/13/2011	13	1500	19500	0	8.40	0	De-chlor,diffuser, gravel bags
590-101-75	Hydrant Flushing	East Channel	5/13/2011	13	1500	19500	0.04	8.60	0	De-chlor,diffuser, gravel bags
590-104-75	Hydrant Flushing	East Channel	5/13/2011	14	1500	21000	0	7.90	0	De-chlor,diffuser, gravel bags
590-105-75	Hydrant Flushing	East Channel	5/13/2011	12	1500	18000	0.08	8.60	0	De-chlor,diffuser, gravel bags
587-104-75	Hydrant Flushing	East Channel	5/13/2011	14	1491	20874	0.04	8.10	0	De-chlor,diffuser, gravel bags
587-103-75	Hydrant Flushing	West Channel	5/12/2011	10	1500	15000	0.04	8.70	0	De-chlor,diffuser, gravel bags
587-102-75	Hydrant Flushing	West Channel	5/12/2011	11	1482	16302	0	8.40	0	De-chlor,diffuser, gravel bags
587-101-75	Hydrant Flushing	West Channel	5/12/2011	13	1500	19500	0.06	7.90	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
614-104-75	Hydrant Flushing	West Channel	5/12/2011	11	1463	16093	0.08	8.70	0	De-chlor,diffuser, gravel bags
614-103-75	Hydrant Flushing	West Channel	5/12/2011	10	1482	14820	0.03	8.00	0	De-chlor,diffuser, gravel bags
614-102-75	Hydrant Flushing	West Channel	5/12/2011	11	1482	16302	0	8.60	0	De-chlor,diffuser, gravel bags
589-113-75	Hydrant Flushing	East Channel	5/12/2011	22	1482	32604	0.08	8.10	0	De-chlor,diffuser, gravel bags
588-106-75	Hydrant Flushing	East Channel	5/12/2011	10	1432	14320	0.06	8.50	0	De-chlor,diffuser, gravel bags
588-108-75	Hydrant Flushing	East Channel	5/12/2011	12	1500	18000	0.03	8.70	0	De-chlor,diffuser, gravel bags
588-102-75	Hydrant Flushing	East Channel	5/12/2011	15	1500	22500	0.04	8.40	0	De-chlor,diffuser, gravel bags
588-101-75	Hydrant Flushing	East Channel	5/12/2011	20	1500	30000	0.07	8.60	0	De-chlor,diffuser, gravel bags
588-108-75	Hydrant Flushing	East Channel	5/12/2011	21	1463	16093	0.11	8.70	0	De-chlor,diffuser, gravel bags
613-104-75	Hydrant Flushing	East Channel	5/12/2011	9	1482	13338	0	8.50	0	De-chlor,diffuser, gravel bags
613-103-75	Hydrant Flushing	East Channel	5/12/2011	10	1500	15000	0.14	8.50	0	De-chlor,diffuser, gravel bags
613-102-75	Hydrant Flushing	East Channel	5/12/2011	15	1500	22500	0.04	8.30	0	De-chlor,diffuser, gravel bags
613-101-75	Hydrant Flushing	East Channel	5/12/2011	14	1482	20748	0.07	8.60	0	De-chlor,diffuser, gravel bags
614-105-75	Hydrant Flushing	East Channel	5/12/2011	15	1482	22230	0.05	8.20	0	De-chlor,diffuser, gravel bags
573-107-75	Hydrant Flushing	East Channel	5/12/2011	10	1500	15000	0.08	8.70	0	De-chlor,diffuser, gravel bags
588-101-75	Hydrant Flushing	East Channel	5/12/2011	12	1500	18000	0.06	8.50	0	De-chlor,diffuser, gravel bags
612-106-75	Hydrant Flushing	East Channel	5/12/2011	11	1500	18000	0.11	8.70	0	De-chlor,diffuser, gravel bags
612-104-75	Hydrant Flushing	East Channel	5/12/2011	12	1482	17784	0.02	8.00	0	De-chlor,diffuser, gravel bags
612-105-75	Hydrant Flushing	East Channel	5/12/2011	10	1500	15000	0.18	8.40	0	De-chlor,diffuser, gravel bags
629-106-75	Hydrant Flushing	East Channel	5/12/2011	14	1463	20482	0.09	8.30	0	De-chlor,diffuser, gravel bags
629-105-75	Hydrant Flushing	East Channel	5/12/2011	11	1500	16500	0.01	8.80	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
629-104-75	Hydrant Flushing	East Channel	5/12/2011	12	1500	18000	0.05	8.40	0	De-chlor,diffuser, gravel bags
612-103-75	Hydrant Flushing	East Channel	5/12/2011	13	1500	19500	0.07	8.40	0	De-chlor,diffuser, gravel bags
612-102-75	Hydrant Flushing	East Channel	5/12/2011	14	1500	21000	0.19	8.30	0	De-chlor,diffuser, gravel bags
612-101-75	Hydrant Flushing	East Channel	5/12/2011	11	1463	16093	0	8.60	0	De-chlor,diffuser, gravel bags
588-107-75	Hydrant Flushing	East Channel	5/12/2011	12	1500	18000	0.07	8.70	0	De-chlor,diffuser, gravel bags
588-103-75	Hydrant Flushing	East Channel	5/12/2011	10	1500	15000	0.02	8.50	0	De-chlor,diffuser, gravel bags
588-104-75	Hydrant Flushing	East Channel	5/12/2011	11	1500	16500	0.05	8.50	0	De-chlor,diffuser, gravel bags
214-101-75	Hydrant Flushing	Calabazas Creek	5/11/2011	8	1210	9680	0.09	8.50	0	De-chlor,diffuser, gravel bags
214-102-75	Hydrant Flushing	Calabazas Creek	5/11/2011	10	1210	12100	0.08	8.70	0	De-chlor,diffuser, gravel bags
214-105-75	Hydrant Flushing	Calabazas Creek	5/11/2011	12	1233	14796	0.03	8.00	0	De-chlor,diffuser, gravel bags
214-106-75	Hydrant Flushing	Calabazas Creek	5/11/2011	12	1210	14520	0.05	8.70	0	De-chlor,diffuser, gravel bags
214-104-75	Hydrant Flushing	Calabazas Creek	5/11/2011	13	1210	15330	0.9	8.70	0	De-chlor,diffuser, gravel bags
214-103-75	Hydrant Flushing	Calabazas Creek	5/11/2011	12	1186	14732	0.04	8.70	0	De-chlor,diffuser, gravel bags
214-107-75	Hydrant Flushing	Calabazas Creek	5/11/2011	12	1186	14232	0.05	8.70	0	De-chlor,diffuser, gravel bags
214-108-75	Hydrant Flushing	Calabazas Creek	5/11/2011	11	1186	13046	0.04	8.00	0	De-chlor,diffuser, gravel bags
215-103-75	Hydrant Flushing	Calabazas Creek	5/11/2011	12	1210	14520	0	8.20	0	De-chlor,diffuser, gravel bags
215-102-75	Hydrant Flushing	Calabazas Creek	5/11/2011	13	1210	15730	0.04	8.50	0	De-chlor,diffuser, gravel bags
215-101-75	Hydrant Flushing	Calabazas Creek	5/11/2011	14	1186	16604	0.05	8.60	0	De-chlor,diffuser, gravel bags
215-104-75	Hydrant Flushing	Calabazas Creek	5/11/2011	13	1210	15730	0.05	8.60	0	De-chlor,diffuser, gravel bags
213-104-75	Hydrant Flushing	Calabazas Creek	5/11/2011	11	1186	13046	0.07	8.70	0	De-chlor,diffuser, gravel bags
213-103-75	Hydrant Flushing	Calabazas Creek	5/11/2011	12	1162	13944	0.01	8.70	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
213-112-75	Hydrant Flushing	Calabazas Creek	5/11/2011	16	1162	18592	0.03	8.50	0	De-chlor,diffuser, gravel bags
213-102-75	Hydrant Flushing	Calabazas Creek	5/11/2011	11	1186	13046	0.1	8.40	0	De-chlor,diffuser, gravel bags
213-101-75	Hydrant Flushing	Calabazas Creek	5/11/2011	12	1162	13944	0.02	7.30	0	De-chlor,diffuser, gravel bags
213-108-75	Hydrant Flushing	Calabazas Creek	5/11/2011	13	1162	15106	0.05	8.20	0	De-chlor,diffuser, gravel bags
213-109-75	Hydrant Flushing	Calabazas Creek	5/11/2011	12	1162	13944	0.06	8.70	0	De-chlor,diffuser, gravel bags
213-110-75	Hydrant Flushing	Calabazas Creek	5/11/2011	12	1162	13944	0.06	7.80	0	De-chlor,diffuser, gravel bags
213-105-75	Hydrant Flushing	Calabazas Creek	5/11/2011	17	1138	19346	0.06	8.70	0	De-chlor,diffuser, gravel bags
213-106-75	Hydrant Flushing	Calabazas Creek	5/11/2011	12	1186	14232	0.05	8.40	0	De-chlor,diffuser, gravel bags
213-107-75	Hydrant Flushing	Calabazas Creek	5/11/2011	11	1186	24906	0.09	8.40	0	De-chlor,diffuser, gravel bags
213-111-75	Hydrant Flushing	Calabazas Creek	5/11/2011	11	1186	13046	0.03	8.30	0	De-chlor,diffuser, gravel bags
188-101-75	Hydrant Flushing	Calabazas Creek	5/10/2011	11	1162	12782	0.07	8.60	0	De-chlor,diffuser, gravel bags
188-102-75	Hydrant Flushing	Calabazas Creek	5/10/2011	10	1138	11380	0.06	8.50	0	De-chlor,diffuser, gravel bags
188-103-75	Hydrant Flushing	Calabazas Creek	5/10/2011	19	1061	16971	0.01	8.70	0	De-chlor,diffuser, gravel bags
189-101-75	Hydrant Flushing	Calabazas Creek	5/10/2011	12	1138	13656	0.01	8.30	0	De-chlor,diffuser, gravel bags
189-102-75	Hydrant Flushing	Calabazas Creek	5/10/2011	12	1138	13656	0	8.70	0	De-chlor,diffuser, gravel bags
189-103-75	Hydrant Flushing	Calabazas Creek	5/10/2011	12	1138	13656	0.07	8.70	0	De-chlor,diffuser, gravel bags
189-111-75	Hydrant Flushing	Calabazas Creek	5/10/2011	10	1113	11130	0.04	8.60	0	De-chlor,diffuser, gravel bags
189-109-75	Hydrant Flushing	Calabazas Creek	5/10/2011	10	1113	11130	0	8.40	0	De-chlor,diffuser, gravel bags
190-113-75	Hydrant Flushing	Calabazas Creek	5/10/2011	13	1152	13824	0.11	8.70	0	De-chlor,diffuser, gravel bags
211-107-75	Hydrant Flushing	Calabazas Creek	5/10/2011	15	1138	17070	0.07	8.70	0	De-chlor,diffuser, gravel bags
211-107-75	Hydrant Flushing	Calabazas Creek	5/10/2011	9	1138	10242	0.6	8.70	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
211-105-75	Hydrant Flushing	Calabazas Creek	5/10/2011	12	1138	13656	0.04	8.40	0	De-chlor,diffuser, gravel bags
212-104-75	Hydrant Flushing	Calabazas Creek	5/10/2011	13	1162	15106	0.04	8.70	0	De-chlor,diffuser, gravel bags
212-103-75	Hydrant Flushing	Calabazas Creek	5/10/2011	14	1186	15418	0.09	8.70	0	De-chlor,diffuser, gravel bags
212-102-75	Hydrant Flushing	Calabazas Creek	5/10/2011	4	1162	4648	0.11	8.70	0	De-chlor,diffuser, gravel bags
212-101-75	Hydrant Flushing	Calabazas Creek	5/10/2011	13	1186	17790	0.04	8.70	0	De-chlor,diffuser, gravel bags
212-107-75	Hydrant Flushing	Calabazas Creek	5/10/2011	13	1162	15106	0.04	7.90	0	De-chlor,diffuser, gravel bags
212-109-75	Hydrant Flushing	Calabazas Creek	5/10/2011	12	1138	13656	0.06	8.70	0	De-chlor,diffuser, gravel bags
212-109-75	Hydrant Flushing	Calabazas Creek	5/10/2011	14	1087	15218	0.05	8.70	0	De-chlor,diffuser, gravel bags
511-101-75	Hydrant Flushing	East Channel	5/9/2011	10	1443	14430	0.03	8.20	0	De-chlor,diffuser, gravel bags
511-102-75	Hydrant Flushing	East Channel	5/9/2011	8	1443	11544	0.02	8.00	0	De-chlor,diffuser, gravel bags
511-103-75	Hydrant Flushing	East Channel	5/9/2011	11	1404	15444	0.03	7.90	0	De-chlor,diffuser, gravel bags
511-104-75	Hydrant Flushing	East Channel	5/9/2011	11	1404	15444	0.15	8.00	0	De-chlor,diffuser, gravel bags
511-105-75	Hydrant Flushing	East Channel	5/9/2011	18	1404	21060	0.12	8.10	0	De-chlor,diffuser, gravel bags
511-106-75	Hydrant Flushing	East Channel	5/9/2011	8	1404	11232	0	8.20	0	De-chlor,diffuser, gravel bags
511-107-74	Hydrant Flushing	East Channel	5/9/2011	12	1443	17316	0.18	8.10	0	De-chlor,diffuser, gravel bags
511-108-74	Hydrant Flushing	East Channel	5/9/2011	11	1463	16093	0.2	8.10	0	De-chlor,diffuser, gravel bags
511-110-75	Hydrant Flushing	East Channel	5/9/2011	10	1443	14430	0.24	8.00	0	De-chlor,diffuser, gravel bags
530-101-74	Hydrant Flushing	East Channel	5/9/2011	12	1424	17088	0.03	7.80	0	De-chlor,diffuser, gravel bags
530-102-74	Hydrant Flushing	East Channel	5/9/2011	8	1443	11544	0.02	7.90	0	De-chlor,diffuser, gravel bags
530-107-74	Hydrant Flushing	East Channel	5/9/2011	9	1463	13167	0.03	7.90	0	De-chlor,diffuser, gravel bags
530-104-74	Hydrant Flushing	East Channel	5/9/2011	12	1463	17586	0.05	7.90	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
530-105-74	Hydrant Flushing	East Channel	5/9/2011	18	1443	24531	0.07	7.80	0	De-chlor,diffuser, gravel bags
530-106-75	Hydrant Flushing	East Channel	5/9/2011	9	1443	11544	0.03	7.90	0	De-chlor,diffuser, gravel bags
530-107-74	Hydrant Flushing	East Channel	5/9/2011	8	1443	11544	0.07	7.80	0	De-chlor,diffuser, gravel bags
530-108-74	Hydrant Flushing	East Channel	5/9/2011	10	1424	14240	0.08	7.90	0	De-chlor,diffuser, gravel bags
530-109-74	Hydrant Flushing	East Channel	5/9/2011	10	1424	14240	0.1	7.90	0	De-chlor,diffuser, gravel bags
531-102-74	Hydrant Flushing	East Channel	5/9/2011	10	1424	14240	0.19	7.80	0	De-chlor,diffuser, gravel bags
531-101-75	Hydrant Flushing	East Channel	5/9/2011	9	1424	12816	0	8.00	0	De-chlor,diffuser, gravel bags
269-104-75	Hydrant Flushing	Calabazas Creek	5/5/2011	12	1162	11620	0.02	8.70	0	De-chlor,diffuser, gravel bags
269-107-75	Hydrant Flushing	Calabazas Creek	5/5/2011	12	1186	14232	0.01	8.10	0	De-chlor,diffuser, gravel bags
269-109-75	Hydrant Flushing	Calabazas Creek	5/5/2011	10	1186	11860	0	7.90	0	De-chlor,diffuser, gravel bags
269-109-75	Hydrant Flushing	Calabazas Creek	5/5/2011	13	1186	15418	0.09	8.50	0	De-chlor,diffuser, gravel bags
269-110-75	Hydrant Flushing	Calabazas Creek	5/5/2011	13	1186	15418	0.09	8.50	0	De-chlor,diffuser, gravel bags
271-104-75	Hydrant Flushing	East Channel	5/5/2011	12	1174	14088	0.07	8.00	0	De-chlor,diffuser, gravel bags
271-110-75	Hydrant Flushing	East Channel	5/5/2011	14	1186	16604	0	7.80	0	De-chlor,diffuser, gravel bags
271-111-75	Hydrant Flushing	East Channel	5/5/2011	10	1186	11860	0.06	7.90	0	De-chlor,diffuser, gravel bags
271-112-75	Hydrant Flushing	East Channel	5/5/2011	11	1500	16500	0	7.80	0	De-chlor,diffuser, gravel bags
271-113-75	Hydrant Flushing	East Channel	5/5/2011	12	1413	16956	0.04	7.70	0	De-chlor,diffuser, gravel bags
272-102-75	Hydrant Flushing	East Channel	5/5/2011	12	1404	15444	0	7.60	0	De-chlor,diffuser, gravel bags
272-101-75	Hydrant Flushing	East Channel	5/5/2011	11	1394	15334	0	8.00	0	De-chlor,diffuser, gravel bags
272-103-75	Hydrant Flushing	East Channel	5/5/2011	6	1404	8424	0.05	7.70	0	De-chlor,diffuser, gravel bags
186-102-75	Hydrant Flushing	Calabazas Creek	5/5/2011	12	1186	14232	0	8.20	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
186-103-75	Hydrant Flushing	Calabazas Creek	5/5/2011	18	1186	15418	0	8.20	0	De-chlor,diffuser, gravel bags
187-107-75	Hydrant Flushing	Calabazas Creek	5/5/2011	11	1138	12518	0.06	8.70	0	De-chlor,diffuser, gravel bags
187-108-75	Hydrant Flushing	Calabazas Creek	5/5/2011	12	1186	14232	0.09	8.50	0	De-chlor,diffuser, gravel bags
187-109-75	Hydrant Flushing	Calabazas Creek	5/5/2011	12	1186	14232	0.02	8.70	0	De-chlor,diffuser, gravel bags
187-110-75	Hydrant Flushing	Calabazas Creek	5/5/2011	13	1186	15418	0.07	8.30	0	De-chlor,diffuser, gravel bags
272-109-75	Hydrant Flushing	East Channel	5/4/2011	12	1384	16608	0.08	8.10	0	De-chlor,diffuser, gravel bags
272-108-75	Hydrant Flushing	East Channel	5/4/2011	10	1404	14040	0	8.00	0	De-chlor,diffuser, gravel bags
272-107-75	Hydrant Flushing	East Channel	5/4/2011	11	1394	15334	0.05	8.40	0	De-chlor,diffuser, gravel bags
272-106-75	Hydrant Flushing	East Channel	5/4/2011	11	1491	16401	0.07	8.10	0	De-chlor,diffuser, gravel bags
272-105-75	Hydrant Flushing	East Channel	5/4/2011	11	1424	15664	0.03	7.90	0	De-chlor,diffuser, gravel bags
272-104-75	Hydrant Flushing	East Channel	5/4/2011	16	1424	22784	0.08	8.30	0	De-chlor,diffuser, gravel bags
272-110-75	Hydrant Flushing	East Channel	5/4/2011	12	1384	16608	0.08	8.20	0	De-chlor,diffuser, gravel bags
174-105-75	Hydrant Flushing	Calabazas Creek	5/4/2011	12	1152	13824	0	8.70	0	De-chlor,diffuser, gravel bags
174-101-75	Hydrant Flushing	Calabazas Creek	5/4/2011	12	1186	14232	0.08	7.90	0	De-chlor,diffuser, gravel bags
174-111-75	Hydrant Flushing	Calabazas Creek	5/4/2011	15	1174	17610	0.03	8.70	0	De-chlor,diffuser, gravel bags
174-112-75	Hydrant Flushing	Calabazas Creek	5/4/2011	13	1150	14950	0.09	8.00	0	De-chlor,diffuser, gravel bags
173-104-75	Hydrant Flushing	Calabazas Creek	5/4/2011	13	1162	15106	0.03	8.30	0	De-chlor,diffuser, gravel bags
173-112-75	Hydrant Flushing	Calabazas Creek	5/4/2011	12	1186	14232	0.04	8.70	0	De-chlor,diffuser, gravel bags
173-114-75	Hydrant Flushing	Calabazas Creek	5/4/2011	15	1152	17280	0	8.00	0	De-chlor,diffuser, gravel bags
173-115-75	Hydrant Flushing	Calabazas Creek	5/4/2011	18	1113	20034	0	8.70	0	De-chlor,diffuser, gravel bags
175-101-75	Hydrant Flushing	Calabazas Creek	5/4/2011	10	1174	23480	0.04	8.70	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
186-103-75	Hydrant Flushing	Calabazas Creek	5/4/2011	12	1186	14232	0.06	8.40	0	De-chlor,diffuser, gravel bags
271-101-75	Hydrant Flushing	East Channel	5/3/2011	16	1138	18208	0.09	8.00	0	De-chlor,diffuser, gravel bags
271-102-75	Hydrant Flushing	East Channel	5/3/2011	12	1138	13656	0.07	8.00	0	De-chlor,diffuser, gravel bags
271-103-75	Hydrant Flushing	East Channel	5/3/2011	11	1138	12518	0.07	8.00	0	De-chlor,diffuser, gravel bags
271-105-75	Hydrant Flushing	East Channel	5/3/2011	10	1186	11860	0.1	8.10	0	De-chlor,diffuser, gravel bags
271-106-75	Hydrant Flushing	East Channel	5/3/2011	11	1174	12914	0.09	8.20	0	De-chlor,diffuser, gravel bags
271-107-75	Hydrant Flushing	East Channel	5/3/2011	10	1174	11740	0.09	8.00	0	De-chlor,diffuser, gravel bags
271-108-75	Hydrant Flushing	East Channel	5/3/2011	11	1150	12650	0.07	8.10	0	De-chlor,diffuser, gravel bags
271-109-75	Hydrant Flushing	East Channel	5/3/2011	12	1162	13944	0.06	8.10	0	De-chlor,diffuser, gravel bags
271-114-75	Hydrant Flushing	East Channel	5/3/2011	20	1162	23240	0.01	7.90	0	De-chlor,diffuser, gravel bags
271-115-75	Hydrant Flushing	East Channel	5/3/2011	12	1162	13944	0.09	7.70	0	De-chlor,diffuser, gravel bags
221-117-75	Hydrant Flushing	East Channel	5/3/2011	12	1162	13944	0.05	8.20	0	De-chlor,diffuser, gravel bags
221-117-75	Hydrant Flushing	East Channel	5/3/2011	12	1082	13044	0.08	8.20	0	De-chlor,diffuser, gravel bags
271-118-75	Hydrant Flushing	East Channel	5/3/2011	12	1500	18000	0.02	8.10	0	De-chlor,diffuser, gravel bags
271-119-75	Hydrant Flushing	East Channel	5/3/2011	13	1500	19500	0.02	8.00	0	De-chlor,diffuser, gravel bags
650-101-94	Hydrant Flushing	West Channel	5/1/2011	12	1424	17088	0	8.70	0	De-chlor,diffuser, gravel bags
650-102-94	Hydrant Flushing	West Channel	5/1/2011	13	1482	19266	0.13	8.00	0	De-chlor,diffuser, gravel bags
650-103-94	Hydrant Flushing	West Channel	5/1/2011	12	1482	19266	0.07	8.40	0	De-chlor,diffuser, gravel bags
650-104-94	Hydrant Flushing	West Channel	5/1/2011	9	1443	12987	0.15	8.20	0	De-chlor,diffuser, gravel bags
651-101-94	Hydrant Flushing	West Channel	5/1/2011	15	1500	21000	0.03	8.40	0	De-chlor,diffuser, gravel bags
651-102-94	Hydrant Flushing	West Channel	5/1/2011	12	1463	17556	0.07	8.00	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
651-105-94	Hydrant Flushing	West Channel	5/1/2011	13	1443	18759	0.09	8.20	0	De-chlor,diffuser, gravel bags
651-104-94	Hydrant Flushing	West Channel	5/1/2011	12	1482	17424	0.09	8.10	0	De-chlor,diffuser, gravel bags
651-105-94	Hydrant Flushing	West Channel	5/1/2011	12	1500	18000	0.07	8.30	0	De-chlor,diffuser, gravel bags
629-107-94	Hydrant Flushing	East Channel	5/1/2011	10	1482	14820	0	8.20	0	De-chlor,diffuser, gravel bags
629-108-94	Hydrant Flushing	East Channel	5/1/2011	13	1482	19266	0	8.70	0	De-chlor,diffuser, gravel bags
627-101-94	Hydrant Flushing	East Channel	5/1/2011	12	1482	17796	0.07	8.40	0	De-chlor,diffuser, gravel bags
627-102-94	Hydrant Flushing	East Channel	5/1/2011	10	1482	14820	0.06	8.60	0	De-chlor,diffuser, gravel bags
627-103-94	Hydrant Flushing	East Channel	5/1/2011	14	1500	21000	0.07	8.20	0	De-chlor,diffuser, gravel bags
627-104-94	Hydrant Flushing	East Channel	5/1/2011	13	1500	19500	0.04	8.20	0	De-chlor,diffuser, gravel bags
627-105-94	Hydrant Flushing	East Channel	5/1/2011	12	1500	18000	0.09	8.70	0	De-chlor,diffuser, gravel bags
626-101-94	Hydrant Flushing	East Channel	5/1/2011	12	1482	17784	0.08	8.40	0	De-chlor,diffuser, gravel bags
269-103-75	Hydrant Flushing	Calabazas Creek	5/1/2011	10	1113	11130	0.18	8.20	0	De-chlor,diffuser, gravel bags
269-104-75	Hydrant Flushing	Calabazas Creek	5/1/2011	12	1113	13356	0.03	8.30	0	De-chlor,diffuser, gravel bags
505-107-75	Hydrant Flushing	Calabazas Creek	6/29/2011	13	1404	16848	0.09	8.4	0	De-chlor,diffuser, gravel bags
490-104-74	Hydrant Flushing	West Channel	6/29/2011	11	1384	15224	0	8.1	0	De-chlor,diffuser, gravel bags
490-103-75	Hydrant Flushing	East Channel	6/29/2011	12	1363	16356	0.01	8.2	0	De-chlor,diffuser, gravel bags
490-101-75	Hydrant Flushing	East Channel	6/29/2011	8	1384	22144	0	7.7	0	De-chlor,diffuser, gravel bags
490-102-75	Hydrant Flushing	East Channel	6/29/2011	9	1384	12,456	0.08	8.4	0	De-chlor,diffuser, gravel bags
490-105-74	Hydrant Flushing	East Channel	6/29/2011	14	1384	19337	0.58	8.1	0	De-chlor,diffuser, gravel bags
490-107-74	Hydrant Flushing	East Channel	6/29/2011	10	1424	14240	0.64	7.9	0	De-chlor,diffuser, gravel bags
490-108-74	Hydrant Flushing	East Channel	6/29/2011	9	1424	12816	0.58	7.8	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
490-106-74	Hydrant Flushing	East Channel	6/29/2011	6	1424	8544	0.03	8	0	De-chlor,diffuser, gravel bags
490-109-74	Hydrant Flushing	East Channel	6/29/2011	15	1482	23712	0.05	7.9	0	De-chlor,diffuser, gravel bags
490-112-75	Hydrant Flushing	East Channel	6/29/2011	12	1320	15840	0.38	7.8	0	De-chlor,diffuser, gravel bags
490-111-75	Hydrant Flushing	East Channel	6/29/2011	11	1404	15444	0.03	7.9	0	De-chlor,diffuser, gravel bags
490-110-75	Hydrant Flushing	East Channel	6/29/2011	9	1404	12636	0.08	8.1	0	De-chlor,diffuser, gravel bags
494-105-74	Hydrant Flushing	Calabazas Creek	6/28/2011	9	1363	14993	0.01	8.1	0	De-chlor,diffuser, gravel bags
494-104-74	Hydrant Flushing	Calabazas Creek	6/28/2011	11	1463	16093	0.05	7.9	0	De-chlor,diffuser, gravel bags
494-103-74	Hydrant Flushing	Calabazas Creek	6/28/2011	6	1500	9000	0.05	8.1	0	De-chlor,diffuser, gravel bags
494-102-74	Hydrant Flushing	Calabazas Creek	6/28/2011	12	1500	18000	0.01	7.9	0	De-chlor,diffuser, gravel bags
494-101-74	Hydrant Flushing	Calabazas Creek	6/28/2011	16	1500	24000	0.38	7.9	0	De-chlor,diffuser, gravel bags
495-105-74	Hydrant Flushing	Calabazas Creek	6/28/2011	14	1482	20748	0	7.6	0	De-chlor,diffuser, gravel bags
495-103-74	Hydrant Flushing	Calabazas Creek	6/28/2011	14	1482	20748	0.08	7.9	0	De-chlor,diffuser, gravel bags
495-102-74	Hydrant Flushing	Calabazas Creek	6/28/2011	17	1500	25500	0.37	8	0	De-chlor,diffuser, gravel bags
495-101-74	Hydrant Flushing	Calabazas Creek	6/28/2011	12	1482	17784	0.08	8	0	De-chlor,diffuser, gravel bags
495-104-74	Hydrant Flushing	Calabazas Creek	6/28/2011	10	1500	15000	0.02	7.6	0	De-chlor,diffuser, gravel bags
495-106-74	Hydrant Flushing	Calabazas Creek	6/28/2011	8	1500	12000	0.48	7.9	0	De-chlor,diffuser, gravel bags
496-107-75	Hydrant Flushing	Calabazas Creek	6/28/2011	18	1404	25272	0.37	8	0	De-chlor,diffuser, gravel bags
496-106-74	Hydrant Flushing	Calabazas Creek	6/28/2011	12	1500	18000	0.32	7.9	0	De-chlor,diffuser, gravel bags
496-105-74	Hydrant Flushing	Calabazas Creek	6/28/2011	12	1500	18000	0.02	7.8	0	De-chlor,diffuser, gravel bags
496-104-74	Hydrant Flushing	Calabazas Creek	6/28/2011	12	1500	18000	0.07	7.9	0	De-chlor,diffuser, gravel bags
496.103-74	Hydrant Flushing	Calabazas Creek	6/28/2011	13	1482	19266	0	8.1	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
496-101-74	Hydrant Flushing	Calabazas Creek	6/28/2011	13	1500	19500	0	8	0	De-chlor,diffuser, gravel bags
496-102-74	Hydrant Flushing	Calabazas Creek	6/28/2011	14	1500	21000	0.03	7.9	0	De-chlor,diffuser, gravel bags
498-101-75	Hydrant Flushing	Calabazas Creek	6/23/2011	12	1472	17664	0.04	8.1	0	De-chlor,diffuser, gravel bags
505-101-74	Hydrant Flushing	Calabazas Creek	6/23/2011	12	1500	18000	0	8.7	0	De-chlor,diffuser, gravel bags
505-102-74	Hydrant Flushing	Calabazas Creek	6/23/2011	11	1500	16500	0.11	8.4	0	De-chlor,diffuser, gravel bags
505-104-74	Hydrant Flushing	Calabazas Creek	6/23/2011	9	1482	13338	0.07	8.6	0	De-chlor,diffuser, gravel bags
504-103-74	Hydrant Flushing	Calabazas Creek	6/23/2011	11	1500	16500	0.04	8.2	0	De-chlor,diffuser, gravel bags
493-101-75	Hydrant Flushing	Calabazas Creek	6/23/2011	12	1500	18000	0.07	8.4	0	De-chlor,diffuser, gravel bags
493-102-75	Hydrant Flushing	Calabazas Creek	6/23/2011	12	1500	18000	0.06	8.4	0	De-chlor,diffuser, gravel bags
493-103-74	Hydrant Flushing	Calabazas Creek	6/23/2011	13	1500	19500	0	8.5	0	De-chlor,diffuser, gravel bags
493-104-74	Hydrant Flushing	Calabazas Creek	6/23/2011	11	1463	16093	0.07	8.4	0	De-chlor,diffuser, gravel bags
493-105-75	Hydrant Flushing	Calabazas Creek	6/23/2011	11	1500	16500	0	8.4	0	De-chlor,diffuser, gravel bags
493-108-75	Hydrant Flushing	Calabazas Creek	6/23/2011	12	1500	18000	0.03	8.4	0	De-chlor,diffuser, gravel bags
493-106-75	Hydrant Flushing	Calabazas Creek	6/23/2011	12	1463	17556	0.04	8.3	0	De-chlor,diffuser, gravel bags
493-107-75	Hydrant Flushing	Calabazas Creek	6/23/2011	12	1500	18000	0.03	8.2	0	De-chlor,diffuser, gravel bags
507-102-75	Hydrant Flushing	Calabazas Creek	6/22/2011	9	1482	13338	0.00	8.2	0	De-chlor,diffuser, gravel bags
502-101-75	Hydrant Flushing	Calabazas Creek	6/22/2011	12	1482	17784	0.09	8.1	0	De-chlor,diffuser, gravel bags
502-103-75	Hydrant Flushing	Calabazas Creek	6/22/2011	12	1482	17784	0.00	8.0	0	De-chlor,diffuser, gravel bags
507-104-75	Hydrant Flushing	Calabazas Creek	6/22/2011	6	1463	8778	0.03	8.0	0	De-chlor,diffuser, gravel bags
507-105-75	Hydrant Flushing	Calabazas Creek	6/22/2011	10	1463	14630	0.06	8.2	0	De-chlor,diffuser, gravel bags
506-104-75	Hydrant Flushing	Calabazas Creek	6/22/2011	12	1520	18240	0.04	8.4	0	De-chlor,diffuser, gravel bags

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506-105-75	Hydrant Flushing	Calabazas Creek	6/22/2011	13	1482	19266	0.02	8.2	0	De-chlor,diffuser, gravel bags
506-106-75	Hydrant Flushing	Calabazas Creek	6/22/2011	12	1463	17556	0.04	8.5	0	De-chlor,diffuser, gravel bags
506-101-75	Hydrant Flushing	Calabazas Creek	6/22/2011	13	1482	19266	0.04	8.3	0	De-chlor,diffuser, gravel bags
508-101-75	Hydrant Flushing	West Channel	6/21/2011	10	1491	14910	0.00	8.5	0	De-chlor,diffuser, gravel bags
508-105-75	Hydrant Flushing	Calabazas Creek	6/21/2011	11	1463	16093	0.05	8.5	0	De-chlor,diffuser, gravel bags
508-104-75	Hydrant Flushing	Calabazas Creek	6/21/2011	12	1463	17556	0.03	8.1	0	De-chlor,diffuser, gravel bags
509-108-75	Hydrant Flushing	West Channel	6/21/2011	12	1482	17784	0.08	8.1	0	De-chlor,diffuser, gravel bags
509-101-75	Hydrant Flushing	West Channel	6/21/2011	9	1500	13500	0.04	8.3	0	De-chlor,diffuser, gravel bags
509-109-75	Hydrant Flushing	West Channel	6/21/2011	11	1472	16192	0.06	8.1	0	De-chlor,diffuser, gravel bags
509-102-75	Hydrant Flushing	West Channel	6/21/2011	13	1472	19136	0.15	7.8	0	De-chlor,diffuser, gravel bags
509-104-75	Hydrant Flushing	West Channel	6/21/2011	13	1463	19109	0.07	8.0	0	De-chlor,diffuser, gravel bags
509-112-75	Hydrant Flushing	West Channel	6/21/2011	22	1463	30723	0.02	8.7	0	De-chlor,diffuser, gravel bags
509-103-75	Hydrant Flushing	West Channel	6/21/2011	12	1463	17556	0.07	8.4	0	De-chlor,diffuser, gravel bags
509-111-75	Hydrant Flushing	West Channel	6/21/2011	12	1463	17556	0.13	8.5	0	De-chlor,diffuser, gravel bags
509-105-75	Hydrant Flushing	West Channel	6/21/2011	12	1463	17556	0.02	8.1	0	De-chlor,diffuser, gravel bags
509-107-75	Hydrant Flushing	West Channel	6/21/2011	12	1414	16968	0.00	8.1	0	De-chlor,diffuser, gravel bags
509-106-75	Hydrant Flushing	West Channel	6/21/2011	12	1463	17556	0.04	7.9	0	De-chlor,diffuser, gravel bags
510-103-75	Hydrant Flushing	West Channel	6/21/2011	12	1463	17556	0.03	8.7	0	De-chlor,diffuser, gravel bags
510-102-75	Hydrant Flushing	West Channel	6/21/2011	12	1463	17556	0.80	8.2	0	De-chlor,diffuser, gravel bags
510-101-75	Hydrant Flushing	West Channel	6/21/2011	12	1491	17892	0.15	8.3	0	De-chlor,diffuser, gravel bags
506-103-75	Hydrant Flushing	West Channel	6/21/2011	11	1540	19080	0.02	7.9	0	De-chlor,diffuser, gravel bags

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506-12-78	Hydrant Flushing	West Channel	6/21/2011	12	1520	21000	0.00	8.2	0	De-chlor,diffuser, gravel bags
550-101-75	Hydrant Flushing	Calabazas Creek	6/16/2011	12	1500	18000	0.00	8.2	0	De-chlor,diffuser, gravel bags
550-108-75	Hydrant Flushing	Calabazas Creek	6/16/2011	13	1500	19500	0.03	7.9	0	De-chlor,diffuser, gravel bags
550-107-75	Hydrant Flushing	Calabazas Creek	6/16/2011	12	1500	18000	0.14	7.9	0	De-chlor,diffuser, gravel bags
550-106-75	Hydrant Flushing	Calabazas Creek	6/16/2011	13	1472	19136	0.04	8.3	0	De-chlor,diffuser, gravel bags
549-107-75	Hydrant Flushing	Calabazas Creek	6/16/2011	14	1482	19266	0.18	8.4	0	De-chlor,diffuser, gravel bags
548-104-75	Hydrant Flushing	Calabazas Creek	6/16/2011	12	1520	19760	0.07	8.4	0	De-chlor,diffuser, gravel bags
543-101-75	Hydrant Flushing	Calabazas Creek	6/16/2011	11	1491	16401	0.03	8.5	0	De-chlor,diffuser, gravel bags
543-102-75	Hydrant Flushing	Calabazas Creek	6/16/2011	11	1520	16720	0.05	8.4	0	De-chlor,diffuser, gravel bags
543-103-75	Hydrant Flushing	Calabazas Creek	6/16/2011	13	1500	19500	0.12	8.5	0	De-chlor,diffuser, gravel bags
536-103-75	Hydrant Flushing	Calabazas Creek	6/16/2011	11	1491	16401	0.18	8.2	0	De-chlor,diffuser, gravel bags
535-101-75	Hydrant Flushing	Calabazas Creek	6/16/2011	12	1491	17892	0.13	8.6	0	De-chlor,diffuser, gravel bags
535-102-75	Hydrant Flushing	Calabazas Creek	6/16/2011	13	1500	19500	0.00	8.1	0	De-chlor,diffuser, gravel bags
533-105-75	Hydrant Flushing	Calabazas Creek	6/16/2011	12	1482	17784	0.04	8.5	0	De-chlor,diffuser, gravel bags
532-101-75	Hydrant Flushing	Calabazas Creek	6/16/2011	11	1520	16720	0.07	7.9	0	De-chlor,diffuser, gravel bags
532-103-75	Hydrant Flushing	Calabazas Creek	6/16/2011	24	1482	32604	0.00	8.2	0	De-chlor,diffuser, gravel bags
532-104-75	Hydrant Flushing	Calabazas Creek	6/16/2011	12	1500	18000	0.00	8.1	0	De-chlor,diffuser, gravel bags
532-102-75	Hydrant Flushing	Calabazas Creek	6/16/2011	13	1500	19500	0.05	8.1	0	De-chlor,diffuser, gravel bags
551-105-75	Hydrant Flushing	West Channel	6/15/2011	12	1500	18000	0.00	8.5	0	De-chlor,diffuser, gravel bags
551-106-75	Hydrant Flushing	West Channel	6/15/2011	12	1472	17664	0.01	8.1	0	De-chlor,diffuser, gravel bags
551-104-75	Hydrant Flushing	West Channel	6/15/2011	12	1500	18000	0.00	8.4	0	De-chlor,diffuser, gravel bags

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551-103-75	Hydrant Flushing	West Channel	6/15/2011	14	1453	18889	0.12	8.1	0	De-chlor,diffuser, gravel bags
551-102-75	Hydrant Flushing	West Channel	6/15/2011	13	1500	19500	0.12	8.7	0	De-chlor,diffuser, gravel bags
551-101-75	Hydrant Flushing	West Channel	6/15/2011	13	1500	19500	0.06	7.9	0	De-chlor,diffuser, gravel bags
549-103-75	Hydrant Flushing	West Channel	6/15/2011	14	1500	19600	0.00	8.5	0	De-chlor,diffuser, gravel bags
549-104-75	Hydrant Flushing	West Channel	6/15/2011	12	1520	18240	0.07	8.3	0	De-chlor,diffuser, gravel bags
548-106-75	Hydrant Flushing	West Channel	6/15/2011	13	1520	19760	0.09	8.2	0	De-chlor,diffuser, gravel bags
548-105-75	Hydrant Flushing	West Channel	6/15/2011	13	1482	19266	0.03	8.5	0	De-chlor,diffuser, gravel bags
196-108-75	Hydrant Flushing	West Channel	6/15/2011	15	1244	18660	0.16	7.9	0	De-chlor,diffuser, gravel bags
376-109-75	Hydrant Flushing	Calabazas Creek	6/14/2011	12	1384	16608	0.21	8.3	0	De-chlor,diffuser, gravel bags
544-102-75	Hydrant Flushing	Calabazas Creek	6/14/2011	12	1500	18000	0.00	8.2	0	De-chlor,diffuser, gravel bags
544-101-75	Hydrant Flushing	Calabazas Creek	6/14/2011	11	1443	15873	0.13	8.5	0	De-chlor,diffuser, gravel bags
545-101-75	Hydrant Flushing	Calabazas Creek	6/14/2011	12	1482	17784	0.02	8.4	0	De-chlor,diffuser, gravel bags
545-102-75	Hydrant Flushing	Calabazas Creek	6/14/2011	13	1472	19136	0.11	8.4	0	De-chlor,diffuser, gravel bags
545-104-75	Hydrant Flushing	Calabazas Creek	6/14/2011	12	1482	17784	0.05	8.3	0	De-chlor,diffuser, gravel bags
545-103-75	Hydrant Flushing	Calabazas Creek	6/14/2011	11	1500	16500	0.07	8.2	0	De-chlor,diffuser, gravel bags
545-105-75	Hydrant Flushing	Calabazas Creek	6/14/2011	12	1500	18000	0.14	8.2	0	De-chlor,diffuser, gravel bags
549-108-75	Hydrant Flushing	Calabazas Creek	6/14/2011	12	1463	17556	0.05	8.1	0	De-chlor,diffuser, gravel bags
549-109-75	Hydrant Flushing	Calabazas Creek	6/14/2011	13	1500	19500	0.00	8.3	0	De-chlor,diffuser, gravel bags
549-105-75	Hydrant Flushing	Calabazas Creek	6/14/2011	12	1500	18000	0.54	8.4	0	De-chlor,diffuser, gravel bags
549-101-75	Hydrant Flushing	Calabazas Creek	6/14/2011	13	1500	19500	0.05	8.1	0	De-chlor,diffuser, gravel bags
549-106-75	Hydrant Flushing	Calabazas Creek	6/14/2011	13	1472	19136	0.09	8.2	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
549-106-75	Hydrant Flushing	Calabazas Creek	6/14/2011	60	1500	90000	0.13	8.2	0	De-chlor,diffuser, gravel bags
571-104-75	Hydrant Flushing	West Channel	6/8/2011	10	1500	15000	0.04	8.5	0	De-chlor,diffuser, gravel bags
571-101-75	Hydrant Flushing	West Channel	6/8/2011	11	1482	16302	0.09	8.5	0	De-chlor,diffuser, gravel bags
572-107-75	Hydrant Flushing	West Channel	6/8/2011	12	1433	17196	0.00	8.5	0	De-chlor,diffuser, gravel bags
572-106-75	Hydrant Flushing	West Channel	6/8/2011	12	1433	17196	0.11	8.6	0	De-chlor,diffuser, gravel bags
572-105-75	Hydrant Flushing	West Channel	6/8/2011	12	1463	17556	0.07	8.3	0	De-chlor,diffuser, gravel bags
572-104-75	Hydrant Flushing	West Channel	6/8/2011	13	1500	19500	0.10	8.3	0	De-chlor,diffuser, gravel bags
572-103-75	Hydrant Flushing	West Channel	6/8/2011	12	1500	18000	0.11	8.5	0	De-chlor,diffuser, gravel bags
252-107-75	Hydrant Flushing	Calabazas Creek	6/8/2011	13	1233	16029	0.14	8.2	0	De-chlor,diffuser, gravel bags
252-108-75	Hydrant Flushing	Calabazas Creek	6/8/2011	11	1162	12782	0.11	8.1	0	De-chlor,diffuser, gravel bags
252-109-75	Hydrant Flushing	Calabazas Creek	6/8/2011	13	1258	16315	0.05	8.1	0	De-chlor,diffuser, gravel bags
252-110-75	Hydrant Flushing	Calabazas Creek	6/8/2011	12	1249	15060	0.14	8.1	0	De-chlor,diffuser, gravel bags
252-111-75	Hydrant Flushing	Calabazas Creek	6/8/2011	12	1255	15060	0.07	8.1	0	De-chlor,diffuser, gravel bags
250-105-75	Hydrant Flushing	West Channel	6/2/2011	11	1404	15444	0.04	8.1	0	De-chlor,diffuser, gravel bags
250-104-75	Hydrant Flushing	West Channel	6/2/2011	14	1424	19936	0.02	8.0	0	De-chlor,diffuser, gravel bags
251-105-75	Hydrant Flushing	West Channel	6/2/2011	11	1210	13310	0.02	8.2	0	De-chlor,diffuser, gravel bags
251-106-75	Hydrant Flushing	West Channel	6/2/2011	10	1162	11260	0.00	7.9	0	De-chlor,diffuser, gravel bags
251-107-75	Hydrant Flushing	West Channel	6/2/2011	10	1186	11860	0.08	8.4	0	De-chlor,diffuser, gravel bags
251-108-75	Hydrant Flushing	West Channel	6/2/2011	12	1186	14232	0.00	8.2	0	De-chlor,diffuser, gravel bags
251-104-75	Hydrant Flushing	West Channel	6/2/2011	12	1186	14232	0.02	8.2	0	De-chlor,diffuser, gravel bags
251-103-75	Hydrant Flushing	West Channel	6/2/2011	12	1233	14796	0.01	8.6	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
251-102-75	Hydrant Flushing	West Channel	6/2/2011	10	1186	11860	0.00	8.1	0	De-chlor,diffuser, gravel bags
251-101-75	Hydrant Flushing	West Channel	6/2/2011	11	1186	13046	0.13	7.9	0	De-chlor,diffuser, gravel bags
572-101-75	Hydrant Flushing	West Channel	6/2/2011	30	1491	44730	0.04	7.9	0	De-chlor,diffuser, gravel bags
572-102-75	Hydrant Flushing	West Channel	6/2/2011	23	1482	34086	0.02	8.1	0	De-chlor,diffuser, gravel bags
573-102-75	Hydrant Flushing	West Channel	6/2/2011	12	1500	18000	0.01	8.4	0	De-chlor,diffuser, gravel bags
573-103-75	Hydrant Flushing	West Channel	6/2/2011	13	1500	19500	0.06	8.1	0	De-chlor,diffuser, gravel bags
573-104-75	Hydrant Flushing	West Channel	6/2/2011	15	1500	22500	0.00	8.3	0	De-chlor,diffuser, gravel bags
574-103-75	Hydrant Flushing	West Channel	6/2/2011	11	1520	16720	0.05	8.7	0	De-chlor,diffuser, gravel bags
230-102-75	Hydrant Flushing	Calabazas Creek	6/1/2011	14	1162	16268	0.00	8.1	0	De-chlor,diffuser, gravel bags
230-101-75	Hydrant Flushing	Calabazas Creek	6/1/2011	11	1138	12518	0.09	8.4	0	De-chlor,diffuser, gravel bags
230-103-75	Hydrant Flushing	Calabazas Creek	6/1/2011	12	1087	13044	0.05	8.6	0	De-chlor,diffuser, gravel bags
230-104-75	Hydrant Flushing	Calabazas Creek	6/1/2011	11	1087	11957	0.00	8.7	0	De-chlor,diffuser, gravel bags
229-101-75	Hydrant Flushing	Calabazas Creek	6/1/2011	21	1162	24402	0.03	8.1	0	De-chlor,diffuser, gravel bags
229-105-75	Hydrant Flushing	Calabazas Creek	6/1/2011	12	1233	14796	0.05	7.9	0	De-chlor,diffuser, gravel bags
229-106-75	Hydrant Flushing	Calabazas Creek	6/1/2011	11	1210	13310	0.04	8.7	0	De-chlor,diffuser, gravel bags
229-107-75	Hydrant Flushing	Calabazas Creek	6/1/2011	12	1266	15192	0.01	8.3	0	De-chlor,diffuser, gravel bags
229-109-75	Hydrant Flushing	Calabazas Creek	6/1/2011	13	1210	15730	0.08	8.5	0	De-chlor,diffuser, gravel bags
229-108-75	Hydrant Flushing	Calabazas Creek	6/1/2011	13	1162	15106	0.08	8.4	0	De-chlor,diffuser, gravel bags
231-114-75	Hydrant Flushing	Calabazas Creek	6/1/2011	13	1424	18152	0.07	7.7	0	De-chlor,diffuser, gravel bags
231-113-75	Hydrant Flushing	Calabazas Creek	6/1/2011	13	1186	15418	0.06	8.6	0	De-chlor,diffuser, gravel bags
250-108-75	Hydrant Flushing	Calabazas Creek	6/1/2011	11	1500	16500	0.02	8.2	0	De-chlor,diffuser, gravel bags

Project Name	Discharge Type	Recv. Waterbody(ies)	Discharge Date	Duration of Discharge (Hours & Mins)	Est. Volume (gal)	Est. Flow Rate (gal/day)	Chlorine Residual (mg/L)	pH (standard Units)	Turbidity (NTU)	Implemented BMP/s & Corrective Actions
250-107-75	Hydrant Flushing	Calabazas Creek	6/1/2011	12	1500	18000	0.05	8.2	0	De-chlor,diffuser, gravel bags
250-109-75	Hydrant Flushing	Calabazas Creek	6/1/2011	14	1500	21000	0.05	8.30	0	De-chlor,diffuser, gravel bags
250-106-75	Hydrant Flushing	Calabazas Creek	6/1/2011	13	1500	19500	0.03	7.80	0	De-chlor,diffuser, gravel bags
250-101-75	Hydrant Flushing	Calabazas Creek	6/1/2011	12	1113	13356	0.03	8.20	0	De-chlor,diffuser, gravel bags
250-102-75	Hydrant Flushing	Calabazas Creek	6/1/2011	14	1162	16268	0.05	8.50	0	De-chlor,diffuser, gravel bags

FY 2010-2011 Annual Report
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Section 15
Provision C.15 Exempted and Conditionally Exempted Discharges

Appendix 15-2: C.15.b.iii (2)
Unplanned Discharges of the Potable Water System
FY 10-11 Data Table

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System¹

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) ²	pH (standard units) ⁵²	Discharge Turbidity (Visual) ⁵²	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ³	Inspector arrival time	Responding crew arrival time
S. Mathilda at Tennis Center Dr.	Sheared Hydrant	Sunnyvale East Channel	7/5/10	1025-1115	45000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1025	Not available	2000	2000
W. Washington Ave. & Lometa Ave.	Sheared Hydrant	Sunnyvale West Channel	7/19/10	1113-1120	10500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1113	Not available	1120	1120
494 Bernardo at Olive	Leaking backflow	Sunnyvale West Channel	8/2/10	1534-1600	39000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1534	Not available	1600	1600
Sunnyvale Saratoga Rd. at S. Mathilda Ave.	Sheared hydrant	Sunnyvale East Channel	8/3/10	1525-1545	30000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1525	Not available	1545	1545
Wolfe & Arques	Main Break	Sunnyvale East Channel	8/21/2010 – 8/22/2010	2000 - 1100	Not available	Not available	0.02	8.5	0	Dechlor, gravel bags	2000	Not available	Not available	Not available
806 E. California at Fair Oaks	Knocked down backflow	Sunnyvale East Channel	9/6/10	0750-0812	33000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0750	Not available	0812	0812
615 Tasman Dr. at N Fair Oaks Ave.	Contractor hit main	Sunnyvale East Channel	9/21/10	1154-1210	24000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1154	Not available	Not available	Not available
175 San Lazaro Ave. at Kifer Rd	Sheared Hydrant	Sunnyvale East Channel	10/2/10	1710-1725	22500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1710	Not available	1725	1725

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

² Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.

³ Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System¹

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) ²	pH (standard units) ⁵²	Discharge Turbidity (Visual) ⁵²	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ³	Inspector arrival time	Responding crew arrival time
609 Grand Fir Ave. at Garland Ave.	Service Line	Sunnyvale East Channel	10/8/10	1232-1245	19500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1232	Not available	1245	1245
208 Florence at Washington	Sheared Hydrant	Sunnyvale East Channel	10/12/10	1500-1515	22500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1500	Not available	1515	1515
1227 Sargent Dr. at Verdi Dr.	Main break	Sunnyvale East Channel	10/14/10	2045-2105	30000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	2045	Not Available	2105	2105
431 Offenbach at Klee Ct.	Service line	Sunnyvale East Channel	10/22/10	1250-1300	15000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1250	Not Available	1250	1250
Ferndale Ave. at Carolina Ave.	Main Break	Sunnyvale East Channel	11/3/10	0350-0418	42000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0350	Not Available	0418	0418
Fair Oaks & Arcata Terrace	Main Break	Sunnyvale East Channel	11/12/2010-11/15/2010	0900- 1130	Not available	Not available	0.0	7.9	0	Dechlor, gravel bags	0900	Not available	Not Available	Not Available
125 Connamerra Way	Main Break	Sunnyvale East Channel	11/22/2010-11/23/2010	Not available	Not available	Not available	1.43	7.6	0	Dechlor, gravel bags	Not available	Not available	Not Available	Not Available
1612 Warbler at Lochnivar	Broken Water Line	Calabazas Creek	11/29/10	0805-0815	15000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0805	Not available	0805	0805
1223 Innsbrock at Moffett Park	Main Break	Sunnyvale West Channel	11/30/10	0930-1000	45000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0930	Not available	1000	1000

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System¹

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) ²	pH (standard units) ⁵²	Discharge Turbidity (Visual) ⁵²	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ³	Inspector arrival time	Responding crew arrival time
229 E. Duane at Waite	Main Break	Sunnyvale East Channel	12/1/10	0230-0258	42000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0230	Not available	0230	0230
586 Maple Ave. at Duane	Main Break	Sunnyvale East Channel	12/3/10	0525-0550	37500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0525	Not available	0550	0550
350 Java Dr. at Bordeaux	Sheared Hydrant	Sunnyvale West Channel	12/31/10	0212-0233	31500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0212	Not available	0233	0233
Duane at Stewart	Sheared Hydrant	Sunnyvale East Channel	1/9/11	1750-1800	15000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1750	Not available	1800	1800
285 Beechnut at Madrone	Main Break	Sunnyvale East Channel	1/11/11	0320-0345	37500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0320	Not available	0345	0345
751 Fir at Worley	Main Break	Sunnyvale East Channel	1/20/11	0345-0400	22500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0345	Not available	0400	0400
Columbia at Fair Oaks	Main Break	Sunnyvale East Channel	1/21/11	0330-0350	30000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0330	Not available	0350	0350
1434 Rincon at Olive	Main Break	Sunnyvale East Channel	1/22/11	0745-0805	30000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0745	Not available	0805	0805
1614 Redwing at Kildare	Main Break	Calabazas Creek	2/3/11	1835-1900	37500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1835	Not available	1900	1900
W. Tasman at Fair Oaks	Sheared Hydrant	Sunnyvale East Channel	2/8/11	0005-0020	22500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0005	Not available	0020	0020
S. Bernardo at El Camino	Sheared Hydrant	Sunnyvale West Channel	2/18/11	1057-1125	42000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1057	Not available	1125	1125
1602 Swallow at Lochinvar	Main Break	Calabazas Creek	2/21/11	1100-1110	15000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1100	Not available	1110	1110
761 Borregas at Del Norte	Main Break	Sunnyvale West Channel	2/26/11	0245-0300	22500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0245	Not available	0300	0300

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System¹

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) ²	pH (standard units) ⁵²	Discharge Turbidity (Visual) ⁵²	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ³	Inspector arrival time	Responding crew arrival time
731 Santa Paula at Coachella	Main Break	Sunnyvale East Channel	3/24/11	0813-0836	34500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0813	Not available	0836	0836
941 Olympus Ct.	Main Break	Stevens Creek	3/28/11	0735-0800	37500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0735	Not available	0800	0800
1077 Arques at Santa Trinita	Leaking Backflow	Calabazas Creek	4/3/11	1200-1215	22500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1200	Not available	1215	1215
325 N. Bayview	Main Break	Sunnyvale East Channel	4/15/11	1803-1819	24000	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1803	Not available	1819	1819
Tasman at Lawrence Expy	Sheared Hydrant	Calabazas Creek	5/17/11	1900-1915	22500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1900	Not available	1915	1915
California Ave at Commercial St.	Sheared Hydrant	Calabazas Creek	6/7/11	0728-0740	19500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	0728	Not available	0740	0740
105 E. El Camino Real at S. Sunnyvale Ave.	Sheared Hydrant	Sunnyvale East Channel	6/23/11	1449-1500	16500	2,160,000	Not available	Not available	Not available	Dechlor, gravel bags	1449	Not available	1500	1500