

CITY OF CUPERTINO

# Urban Runoff Management Program



*Calabazas Creek, Cupertino*

## Annual Report FY 2011-2012



**PUBLIC WORKS DEPARTMENT**

CITY HALL  
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September 15, 2012

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 Cupertino FY 2011-2012 Annual Report**

Dear Mr. Wolfe:

This letter and Annual Report is submitted by the City of Cupertino, in conjunction with the Santa Clara Valley Urban Runoff Pollution Prevention Program's Annual Report pursuant to Permit Provision C.16.a of the Municipal Regional Stormwater NPDES Permit (MRP) issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of activities conducted during FY 2011-2012 and consists of the following:

- 0: Table of Contents
- 0: Certification Statement
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- 1: Permittee Information
- 2: Municipal Operations
- 3: New Development and Redevelopment
- 4: Industrial and Commercial Site Controls
- 5: Illicit Discharge Detection and Elimination
- 6: Construction Site Controls
- 7: Public Information and Outreach
- 8: Water Quality Monitoring
- 9: Pesticides Toxicity Controls
- 10: Trash Load Reduction
- 11: Mercury Controls
- 12: PCBs Controls
- 13: Copper Controls
- 14: PBDE, Legacy Pesticides and Selenium Controls
- 15: Exempted and Conditionally Exempted Discharges

Program Highlights and Accomplishments

The City of Cupertino revised and adopted Chapter 9.18 of its Municipal Code, *Stormwater Pollution Prevention and Watershed Protection*, for Council's consideration on November 15, 2011. The new Code, which became effective on February 17<sup>th</sup>, specifies the City's authority to

require regulated projects to treat 100% of a project's runoff with low impact development (LID) stormwater treatment measures (by December 1, 2011) and (by December 1, 2012) to require projects between 2,500 ft<sup>2</sup> and 10,000 ft<sup>2</sup>, as well as detached single-family homes greater than 2,500 ft<sup>2</sup>, to install one or more LID site design measures. The new code also specifies City inspectors' authority to enforce MRP requirements during investigations of illicit discharges to the storm drainage system, outdoor inspections at businesses and inspections at construction sites. Additionally, Section 9.18.115 of Cupertino's Code requires the installation of full trash capture devices in all storm drain inlets on new City-permitted project sites to prevent the litter and trash on commercial sites from entering the streets or City's storm drainage system.

#### Litter Control and Trash Load Reductions

During FY 11-12 City staff focused significant staff time developing its Short-Term Trash Load Reduction Plan (Litter Plan). The City conducted twice the number of trash hot spot assessments and cleanups as are required by the MRP and hosted five volunteer creek cleanup events and one volunteer on-land cleanup. The City continued its aggressive daily litter cleanup program, run by the Grounds Division of its Public Works Department, to maintain litter-free parks, medians and public right-of-ways. The Grounds Division's litter prevention efforts cost the City an estimated \$200,000 annually, but result in significantly less litter reaching the creeks in and around Cupertino.

On March 30<sup>th</sup> staff provided a report to City Council on the City's Short-Term Trash Reduction Plan, and requested Council's consideration of a citywide bag ban ordinance. Council agreed to take the first step toward considering a reusable bag ordinance by directing staff to say yes to an offer by San Mateo County's Health Department to include the City of Cupertino in its regional Environmental Impact Review (EIR). Additional litter reduction actions and associated costs were discussed at the council meeting, which led to scheduling a two-hour City Council Study Session on Litter Reduction for August 2012.

To help identify trash management activities that would result in the greatest litter reduction, City volunteers sorted through two loads of street sweeping debris collected after bi-weekly sweeping and weekly sweeping of its retail areas. While the litter from the City's retail area included several litter categories (cigarette butts, cups/lids/straws, plastic bags, food-to-go containers and snack wrappers), the majority of the material, an estimated 88%, was comprised of dirt and leaves. The City will further explore the cost and estimated effectiveness of installing drain inlet screens in conjunction with increasing street sweeping to meet its ultimate 100% litter reduction goal. The City also made plans to double the number of drain inlets it cleans annually by FY 13-14.

Thank you for your review of this Annual Report. Please contact me at 408-777-3242 or [CheriD@cupertino.org](mailto:CheriD@cupertino.org) regarding any questions or concerns.

Very truly yours,



Cheri Donnelly  
Environmental Programs Manager  
City of Cupertino



**CITY OF CUPERTINO  
FY 2011-2012 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:**

Timm Borden  
Director of Public Works

8-31-12

Date

## Cupertino Acronyms/Abbreviations

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AERC	A full service recycling company facility in Hayward which collects universal waste such as lamps, ballast, batteries, electronic scrap and mercury containing material. AERC Specialists provide regulatory compliance and consulting for handling U-waste.
CESSWI	Certified Erosion Sediment Storm Water Inspector
CIP	Capital Improvement Project
EC	Erosion Control
IDDE Inspector	Illegal Discharge Detection and Elimination Inspector
MRP	Municipal Regional Permit
NPS Inspector	Non Point Source Inspector also called the IDDE Inspector
PCA	Pest Control Advisor
Pub Ed	TAC Public Education Sub Group
PW	Public Works
QAC	Qualified Applicator Certificate. A category of the DPR licensing and certification Program. To be certified, the applicant must demonstrate specific knowledge on topics such as pesticide application drift problems and prevention, soil and water problems resulting from restricted use pesticides, phytotoxicity, potential for environmental contamination, etc.
R-O-W	Right of Way
WV	West Valley (communities)

## SCVURPPP Acronyms/Abbreviations

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AB	Assembly Bill
ABAG	Association of Bay Area Governments
ABC	Annual Budget Review Compilation
ACCWP	Alameda Countywide Clean Water Program
ACOE	U.S. Army Corps of Engineers
AHTG	Ad Hoc Task Group
AR	Annual Report
ASCE	American Society of Civil Engineers
BAAQMD	Bay Area Air Quality Management District
BART	San Francisco Bay Area Rapid Transit
BATG	Budget Ad Hoc Task Group
Basin	Santa Clara Basin
Basin Plan	Water Quality Control Plan for the San Francisco Basin
BACWA	Bay Area Clean Water Agencies
BAHM	Bay Area Hydrology Model
BAMBI	Bay Area Macroinvertebrate Bioassessment Information
BASMAA	Bay Area Stormwater Management Agencies Association
Bay	San Francisco Bay
Bay Area	San Francisco Bay Area
BMI	Benthic Macroinvertebrate
BMM	Lower South Bay Monitoring and Modeling Subgroup
BMP	Best Management Practice
BOMA	Building Owners and Managers Association
BPP	Brake Pad Partnership
BU	beneficial use
C	Celsius
C.3	Permit Provision C.3
C3PO	C.3 Provision Oversight
CA	California
Cal-EPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CAMLnet	California Aquatic Macroinvertebrate Laboratory Network

## SCVURPPP Acronyms/Abbreviations

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Campaign	Watershed Watch Campaign
CAP	Copper Action Plan
CASQA	California of Stormwater Quality Association
CB	Copper Baseline
CCC	Continuous Concentration Criterion
CD-ROM	Compact Disk-Read Only Memory
CDS	Continuous Deflective Separation
CEP	Clean Estuary Partnership
CEUs	Continuing Education Units
CESQG	Conditionally Exempt Small Quantity Generator
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CI	Continuous Improvement
CIWMB	California Integrated Waste Management Board
CMIA	Conceptual Model Impairment Assessment
CMS	Copper Management Strategy
COA	Condition of Approval
CoHHW	Santa Clara County Household Hazardous Waste Program
CoHHW Program	Santa Clara County Household Hazardous Waste Program
COLD	cold freshwater habitat
CRMP	Coordinated Resources Management and Planning
CSBP	California Stream Bioassessment Procedures
CTR	California Toxic Rule
Cu	Copper
CWA	Clean Water Act
DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
DEH	Santa Clara County Department of Environmental Health
District	Santa Clara Valley Water District
DO	Dissolved Oxygen
DOE	Department of Energy

## SCVURPPP Acronyms/Abbreviations

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DPR	Department of Pesticide Regulation
DWR	Department of Water Resources
E. Coli	Enterococcus Coli
EEC	SF Bay Wildlife Refuge Environmental Education Center
EEDMS	Environmental Enforcement Data Management System
EEPS	Exposure and Effects Pilot Study
e.g.	for example
EIR	Environmental Impact Report
EMAP	Environmental Monitoring Program
EMB	Executive Management Board
EOA	Eisenberg, Olivieri, and Associates
EPA	U.S. Environmental Protection Agency
ERP	Enforcement Response Plan
Estuary	San Francisco Bay Estuary
F	Fahrenheit
FLT	Fluorescent Light Tube
FY	Fiscal Year
GCRCD	Guadalupe-Coyote Resource Conservation District
GIASP	General Industrial Activities Stormwater Permit
GIS	Geographic Information System
GRTS	Generalized Random Tessellation Stratified
HBANC	Home Builders Association of Northern California
Hg	Mercury
HHW	Household Hazardous Waste, Santa Clara County
HMP	Hydromodification Management Plan
HVAC	Heating, Ventilation and Air Conditioning
IBI	Index of Biotic Integrity
IDDE	Illicit Discharge Detection and Elimination
IC/ID	Illicit Connection and Illegal Dumping
ID	Identification
IND	Industrial/Commercial
i.e.	that is
IPM	Integrated Pest Management

## SCVURPPP Acronyms/Abbreviations

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JPA	Joint Powers Authority
K	Kindergarten
KAB	Keep America Beautiful
kg	Kilogram
L	Liter
Lb	Pound
LA	load allocation
LFA	Limiting Factors Analysis
LID	Low Impact Development
LID Treatment	Rain water harvesting, Water re-use, Infiltration, Evapotranspiration, or Biotreatment
LSSB	Lower South San Francisco Bay
LUS	Land Use Subgroup
MC	Management Committee
MCMP	Metals Control Measures Plan
MCTT	Multi-Chambered Treatment Train
Mddb	Metadata Database
MDL	Most Downstream Location
MEP	Maximum Extent Practicable
Mercury Plan	Mercury Pollution Prevention Plan
Mg	milligram
mgd	million gallons per day
MIGR	fish migration
MOA	Memorandum of Agreement
MOFO	Morrison & Foerster
MOU	Memorandum of Understanding
MP	Monitoring Priority
MROSD	Mid-Peninsula Regional Open Space District
MRP	Municipal Regional Stormwater NPDES Permit – 10/14/2009
MYRWMP	Multi-Year Receiving Waters Monitoring Plan
NAP	Nickel Action Plan
NEMA	National Electrical Manufacturers Association
NAIOP	National Association of Industrial and Office Properties

## SCVURPPP Acronyms/Abbreviations

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NEPA	National Environmental Policy Act
ng	Nanogram
Ni	Nickel
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
OC	Organochlorine
O&M	Operation and Maintenance
OP	Organophosphate
OWOW	Our Water Our World
P2	Pollution Prevention
PAHs	Polynuclear Aromatic Hydrocarbons
PBDE	Polybrominated Diphenyl Ether
Pb	Lead
PCBs	Polychlorinated Biphenyls
PCDD	Polychlorinated Dibenzo-p-Dioxins
PCDF	Polychlorinated Dibenzofurans
PCO	Pest Control Operator
pg	Picogram
PHAB	Physical Habitat Assessments
PIP	Public Information and Participation
PI/P	Public Information and Participation
PIPP	Public Information and Participation Program
PMPS	Pest Management Performance Standard
POC	Pollutant of Concern
POTW	Publicly Owned Treatment Works
PPPS	Planning Procedures Performance Standard
Program	Santa Clara Valley Urban Runoff Pollution Prevention Program
PS	Performance Standard
PVC	Polyvinyl Chloride
Q	Quarter
QAPP	Quality Assurance Project Plan
RAC	Regional Ad Campaign
RARE	preservation of rare and endangered species

## SCVURPPP Acronyms/Abbreviations

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RCRA	Resource Conservation and Recovery Act
REC- 1	water contact recreation
REC-2	non-contact water recreation
Regional Board	San Francisco Bay Regional Water Quality Control Board
RFP	Request for Proposal
RMAS	Regional Monitoring and Assessment Strategy
RMP	Regional Monitoring Program
RPT	Report Preparation Team
RS	Regulatory Subgroup
RTA	Rapid Trash Assessment
RWQCB	San Francisco Bay Regional Water Quality Control Board
SC	Steering Committee
SCC	Santa Clara County
SCBWM1	Santa Clara Basin Watershed Management Initiative
SCVURPPP	Santa Clara Valley Urban Runoff Pollution Prevention Program
SCVWD	Santa Clara Valley Water District
SF	San Francisco
SFEI	San Francisco Estuary Institute
SFEP	San Francisco Estuary Project
SIC	Standard Industrial Classification
SMaRT®	Sunnyvale Materials Recovery and Transfer
SOP	Standard Operating Procedures
South Bay	Lower South San Francisco Bay
SPCWC	Stevens and Permanente Creeks Watershed Council
SPLWG	Sources, Pathways and Loadings Work Group (RMP)
SPWN	fish spawning
SSC	Suspended Sediment Concentration
SSI	Inventory of Santa Clara Basin Stream Studies
SSO	Water Quality Site-Specific Objective
State Board	State Water Resources Control Board
STOPPP	San Mateo Countywide Stormwater Pollution Prevention Program
SWAMP	Surface Waters Ambient Monitoring Program
SWANA	Solid Waste Association of North America

## SCVURPPP Acronyms/Abbreviations

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SWMP	Stormwater Management Plan
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	Technical Advisory Committee
TMDL	Total Maximum Daily Load
TO	Tentative Order
TP	Total Phosphorus
TPH	Total Petroleum Hydrocarbons
TRC	Technical Review Committee
ug	Microgram
UPC	Urban Pesticide Committee
URMP	Urban Runoff Management Plan
URQM	Urban Runoff Quality Management
USA	Unified Stream Assessment
USEPA	U. S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VTA	Santa Clara Valley Transportation Authority
WAC	Watershed Assessment Consultant
WAMS	Watershed Assessment and Monitoring Subgroup
WAR	Watershed Assessment Report
WARM	warm freshwater habitat
Water Board	San Francisco Bay Regional Water Quality Control Board
Water District	Santa Clara Valley Water District
WEF	Water Environment Federation
WEO	Watershed Education and Outreach
WE&O	Watershed Education and Outreach
WERF	Water Environment Research Foundation
WG	Work Group
WILD	wildlife habitat
WLA	Waste Load Allocation
WMI	Watershed Management Initiative
Work Group "I"	SCBWMI Phase I Indicators Work Group

## **SCVURPPP Acronyms/Abbreviations**

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WP	Work Plan
WRPC	Water Resources Protection Collaborative
WVC	West Valley Communities
WVCWP	West Valley Clean Water Program
WW	Watershed Watch
WWTP	Wastewater Treatment Plant
WY	Water Year
YSI	Youth Science Institute
Zn	Zinc

**ATTACHMENT B**

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Section 1 – Permittee Information

Background Information			
Permittee Name:	Cupertino		
Population:	59,022		
NPDES Permit No.:	CAS612008		
Order Number:	R2-2009-0074R		
Reporting Time Period (month/year):	July/2011 through June/2012		
Name of the Responsible Authority:	Timm Borden	Title:	Director of Public Works,
Mailing Address:	10300 Torre Ave		
City:	Cupertino	Zip Code:	95014
		County:	Santa Clara
Telephone Number:	408-777-3354	Fax Number:	408-777-3333
E-mail Address:	TimmB@cupertino.org		
Name of the Designated Stormwater Management Program Contact (if different from above):	Cheri Donnelly	Title:	Environmental Programs Manager
Department:	Public Works		
Mailing Address:	10300 Torre Avenue		
City:	Cupertino	Zip Code:	95014
		County:	Santa Clara
Telephone Number:	408-777-3242	Fax Number:	408-777-3333
E-mail Address:	<a href="mailto:CheriD@cupertino.org">CheriD@cupertino.org</a>		

## Section 2 - Provision C.2 Reporting Municipal Operations

### Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

#### Summary:

The Environmental Programs Manager and (as appropriate) additional City of Cupertino staff participated in the SCVURPPP's Municipal Operations Committee/Work Group. Please see the C.2 Municipal Operations section of the SCVURPPP FY 11-12 Annual Report for a description of activities implemented at the local level.

The City hired a stormwater engineering consultant to completely rewrite the Service Center yard's map and the Service Center SWPPP in FY 09-10. In FY 10-11 and FY 11-12, the engineering consultant was hired to make minor revisions to the SWPPP to keep it current.

In FY 10-11, with the assistance of the Information Technology Department, Public Works implemented an automated work order system for the storm drain maintenance division. The work order system has the capability of tracking three types of debris pulled from storm drain structures; 1) mud/dirt/rock; 2) leaves/vegetative debris; 3) litter/trash. Tracking by material type recovered from the drainage system began in the summer of FY 11-12. Maintenance staff met several times with the GIS Coordinator to discuss fine-tuning the new work order system and to make corrections to the structure identifiers based on observations they made while in the field.

With the City's emphasis, in FY 11-12, on planning for litter reduction and striving for efficiency to accomplish more drain inlet cleaning, Public Works staff determined it was not the best use of staff's time to track more than the overall volume of debris removed and to estimate the quantities of litter found in specific storm drain structures. In FY 12-13, the City will use the work order system primarily to identify structures which have been either moderately or significantly impacted by litter. This data is intended to support management decisions affecting the City's long-term litter reduction plan, completion of which is required by Feb 2014. The total volume of material removed from the City's storm drain system will also be tracked, but differentiating between mud/dirt/rock and leaves/vegetative debris will not be done in FY 12-13, although this could be reinstated later, if needed.

**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:

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

Comments:  
 BMPs are required contractually in all public work projects and are standard operating procedures for city personnel.  
Staff Training: On April 17, 2012, The Environmental Programs Manager met with the newly appointed Streets Maintenance Supervisor for Public Works, to discuss MRP requirements; BMPs staff have been trained to use; and the role of the IDDE inspector, who is also part of the Supervisor's street maintenance staff.

**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:

<b>X</b>	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
<b>X</b>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments: Per the Assistant Public Works Director of Maintenance, BMPs are required contractually in all public work projects and are standard procedures for City personnel. Maintenance staff are trained to conduct surface cleaning using the BASMAA-recommended best management practices. Overall, staff employed these BMPs whenever they conducted surface cleaning. However, on July 27, 2011 a staff person was power-washing without adequate BMPs. The IDDE Inspector stopped him immediately; required him to prevent the flow from reaching the storm drain system; reviewed the BASMAA surface cleaning guidance with him; and asked him to sign an acknowledgment of his receipt of the requirements. The supervisor was notified and the responsible staff and supervisor assured the IDDE Inspector they would prevent all waste water discharges during power- washing or maintenance activities. BASMAA surface cleaning BMPs will be reviewed and emphasized in the annual Maintenance staff training scheduled for October 2012.

**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:

<input checked="" type="checkbox"/>	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
<input checked="" type="checkbox"/>	Control of discharges from graffiti removal activities
<input checked="" type="checkbox"/>	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
<input checked="" type="checkbox"/>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
<input checked="" type="checkbox"/>	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
<input checked="" type="checkbox"/>	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments:

**C.2.d. ► Stormwater Pump Stations**

Does your municipality own stormwater pump stations:	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If your answer is <b>No</b> then skip to C.2.e.				

C.2.e. ► Rural Public Works Construction and Maintenance	
Does your municipality own/maintain rural <sup>1</sup> roads:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If your answer is <b>No</b> then skip to C.2.f.	
Place an <b>X</b> 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 checked="" type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
<input checked="" 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 checked="" type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality
<input checked="" 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 checked="" 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
<p>Comments including listing increased maintenance in priority areas:                      No repair or major maintenance was required on Cupertino’s rural roads during FY 11-12. Minor maintenance consisted of vegetation control, done by hand with supervising City staff trained annually on rural public works BMPs and IPM practices.                      The City does not have any unpaved rural roads. The combined length of paved rural roads in Cupertino is between one and two miles, including the western end of Regnart Road, west of Lindy Lane and the section of Stevens Canyon Road southwest of Ricardo Road to the City limit north of the entrance to Stevens Creek County Park. Inspection and maintenance of this limited amount of rural roadways are done as part of the City’s ongoing street maintenance or on a complaint basis. The Assistant Director of Public Works, Maintenance, verified that the Rural Public Works Maintenance BMPs as noted in the City’s Urban Runoff Management Plan (2004) Performance Standard for Public Streets are consistently being implemented by City staff whenever work is done in “rural” areas. The last maintenance of these roads was completed in fall 2009 by a contractor, O’Grady Paving. The City’s Performance Standard BMPs for Rural Public Works were included in the contract specifications and the appropriate BMPs and City requirements were reviewed with the contractor in a pre-construction meeting with City Engineering staff.</p> <p><u>Staff Training on Rural Road BMPs:</u> October 3<sup>rd</sup> – 4<sup>th</sup>, 2011, SCVURPPP held a Rural Roads Workshop in Cupertino’s Community Hall. Cupertino’s Environmental Programs Manager and Engineering Project Manager for the Stevens Creek Corridor Restoration Project gave a PowerPoint</p>	

<sup>1</sup> 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.

presentation showing the variety of measures employed to protect riparian and creek habitat and to prevent established ecosystems from being disturbed during restoration of the segment of Stevens Creek that lies within Blackberry Farm in Cupertino. The goal was to present a local project designed to improve habitat while providing enhanced recreational facilities.

Rural Roads Workshop Agenda: This full-day workshop, taught by Tyler Ledwith of Ledwith Watershed Resources, focused on practical, effective best management practices for road maintenance that also protect fish habitat and water quality. Topics included the impact of roads on fish; routine maintenance of paved and unpaved roads; sediment control; working near streams; culvert cleaning; woody material management; emergency work; general housekeeping; etc. The workshop also included a group exercise in the afternoon where attendees developed BMP plans for provided scenarios.

City Staff Participation: Four Cupertino maintenance staff and one Public Works maintenance supervisor attended the workshop. Staff reported that the workshop was interesting and entertaining.

C.2.f. ► Corporation Yard BMP Implementation			
Place an <b>X</b> 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 <b>Stormwater Pollution Prevention Plan (SWPPP)</b> for the Corporation Yard(s)		
Place an <b>X</b> in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type <b>NA</b> 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 checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments:			
<p>The Water Board's C.2 annual report review table (April 2011) shows that the City of Cupertino has two (2) corporation yards. The <b>City of Cupertino has only one corporation yard</b>, known as the Service Center.</p> <p>-July 17, 2012: The annual June Corporation Yard walk-through was conducted late this year, a few weeks after the end of the fiscal year to accommodate staff schedules. This year's inspection and SWPPP review was led by the city's NPDES consulting engineer with participation from the new Street Maintenance Supervisor, Public Works staff responsible for proper storage of hazardous material and service yard operations, the City's IDDE Inspector, and the Environmental Programs Manager. The walk-through revealed some key improvements since last year's inspection, e.g. the removal of old leaky equipment and added storm drain inlet protection in the stenciling area. The Environmental Programs Manager used the inspection findings to generate an improvement implementation schedule for FY 12-13. Minor updates (staff changes and procedural changes) will be incorporated in the City's SWPPP early in FY 12-13.</p>			
If you have a corporation yard(s) that is not an NOI facility , complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:			
Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
Cupertino Service Center	1/9/2012	18 drain inlets, (8) with media filters, were cleaned and follow-up inspection was conducted for potential runoff issues.	No problems were observed.

Cupertino Service Center	3/29/2012	<p>18 drain inlets (8) with media filters were cleaned and follow-up inspection was conducted for potential runoff issues.</p> <p>Pavement Stains Visible: YES</p> <p>Drain inlets DI-4 and DI-5 had areas of Stencil Guard residue around their location. This residue is from street legend painting operations where old material is removed and a new coating of the material is applied. Stencils sat out and were exposed to weather. BMPs (drain inlet plugs, inlet covering) were used in these drains.</p>	<p>Follow-Up Action Needed or Recommended:</p> <p>1: Although BMPs were used, it was recommended to move the stencil cleaning operation, cover stencils, or store them elsewhere.</p> <p>2: It is recommended to clean all pavement areas and racks to prevent residue from running off after BMPs are removed from the drain inlets.</p> <p>3: As part of annual stormwater quality training, the Environmental Program Manager will re-emphasize the need to use stencil cleaning BMPs.</p>
Cupertino Service Center	6/19/2012	<p>18 drain inlets (8) with media filters were cleaned and follow-up inspection was conducted for potential runoff issues.</p> <p>Pavement Stains Visible: YES</p> <p>Drain inlets DI-4 and DI-5 had areas of Stencil Guard residue around their location. This residue is from street legend painting operations where old material is removed and new a new coating of the material is applied. Stencils sat out and were exposed to weather. BMPs (drain inlet plugs, inlet covering) were used in the drains.</p>	See Follow-Up Actions for 3/29/2012 .
Cupertino Service Center	7/17/2012 (conducted late due to staff availability)	<p><b>Dry weather runoff/standing water in drainage system?</b> Yes, in DI-13, at the northwest corner of the fuel island. According to staff The catch basin is extremely deep, 8' from outlet pipe to bottom, and there is often standing water in this catch basin because this configuration minimizes evaporation after a storm. The water in the basin did not have an odor or oily sheen and there were no apparent signs of other runoff contaminants.</p> <p><b>Pollutants visible in drainage system? If so, give location(s)</b></p>	<p><b>Follow-Up Action Needed or Recommended:</b></p> <p>1. By mid-September 2012, City crews should clean</p> <ul style="list-style-type: none"> <li>- sediment from the trench drains at the Fuel Island</li> <li>- paper and other waste at the loading dock</li> </ul>

		<p><b>and/or catch basin # and describe (ex: oil sheen, debris, sludge, sediment, cigarette butts).</b></p> <ul style="list-style-type: none"> <li>- All catch basins were cleaned on 6/19/12. Those with filters were cleaned by a contractor. City staff cleaned catch basins without filters (this is done quarterly).</li> <li>- The trench drains around the fuel island were much cleaner than at the June 30, 2011 storm water quality inspection, however some sediment was still present.</li> <li>- Paper (which appeared to be from shredding/recycling, other waste, and leaves had blown into DI-8, by the loading dock/warehouse.</li> <li>- Small amounts of gravel were present in the parking lot concrete swale. Gravel is removed during pavement cleaning, done periodically by Elmwood work crews.</li> </ul> <p><b>Deposits on Pavement?</b></p> <ul style="list-style-type: none"> <li>- The new sweeping contractor parks equipment off-site at their yard. However, there is still old, accumulated oily sediment at the corner near where the former contractor used to park equipment north of the Admin. Building.</li> <li>- Although the pavement throughout yard was recently cleaned, paper debris had blown into the loading dock area.</li> <li>- Some green waste was creeping out in front of the Yard Waste storage area, Shed 3B.</li> <li>- At the striping test area behind Shed 3, runoff from tree watering was conveying yellow striping paint to the north end of the test area, near the wash rack. However, this corner acts as a sump and does not discharge anywhere and there is no tracking outside the area.</li> <li>- The stencil cleaning area behind Shed 2 was very clean. Past field reviews noted particles of scraped stencil paint accumulated where they might enter the storm drain. Crews now tarp the area during stencil cleaning operations (the adjacent catch basin is also plugged).</li> <li>- There was significant sediment build-up at the west end of the wash rack parking area, however the area</li> </ul>	<ul style="list-style-type: none"> <li>- oily sediment stains at the former sweeper parking area east of the Administration Building</li> </ul> <ol style="list-style-type: none"> <li>2. By mid-October 2012, replace straw wattles near the wash rack/striping test area and by DI-6 (behind the warehouse near the southeast corner of the yard).</li> <li>3. Document how often Elmwood crews clean the pavement at the MSC.</li> <li>4. By December 2012, City management staff should determine whether to pursue having the sweeping contractor use a truck sweeper to clean the yard pavement or continue to have Elmwood crews clean.</li> </ol>
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		<p>in front (east) of the wash rack is very clean.</p> <p><b>Fresh Stains on Pavement?</b> None</p> <p><b>Comments/Notes:</b></p> <ol style="list-style-type: none"> <li>1. During FY '11-'12, covered area was installed near Haz Waste #1 to store pressure -treated wood waste.</li> <li>2. In spring 2012, various pieces of leaky equipment were replaced, removed from the yard, or fixed. A leaky Sign Shop crane was replaced and the generator by the cell phone tower, mowers, and pick-up trucks were removed. A leaky tractor noted in the 6/30/11 yard inspection report is in the process of being fixed. In the meantime, there is a leak pan and absorbent underneath this tractor.</li> <li>3. Two storm drain "No Dumping" medallions have been installed at catch basins by the wash rack and the front gate. Staff will install more medallions at the MSC during FY '12-'13.</li> <li>4. In FY '11-'12, the old wash rack was re-graded, the sump removed, and a concrete floor was installed.</li> <li>5. The cigarette butt disposal problem previously observed by the Sign Shop appears to have been successfully resolved with the placement of dedicated receptacles in the area.</li> <li>6. It appears that there is no inappropriate use of the emergency eyewash (staff are reminded on proper use at periodic tailgate meetings).</li> </ol>	
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### Section 3 - Provision C.3 Reporting New Development and Redevelopment

#### 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.

Summary:

The parking lot of the City's *Stevens Creek Corridor Park and Restoration project* received some attention as a potential pilot green street. However, its pre-MRP design and construction (completed for the most part by July 2009) precludes it from qualifying as a "pilot green street" for MRP compliance purposes. Nevertheless, the project's inspirational achievements and challenges may make it worthy of inclusion in the regional summary of green street projects due to the Water Board in next year's Annual Report. For project description and details visit the City of Cupertino's website [www.cupertino.org](http://www.cupertino.org) under *Services*, then *Public Works, Capital Projects* and *Stevens Creek Corridor Project Phase I*; or use the following link <http://www.cupertino.org/index.aspx?page=314>

The C.3 New Development and Redevelopment section of the SCVURPPP's FY 11-12 Annual Report provides a description of the activities conducted at the countywide or regional level.

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

The City of Cupertino's Table **C.3.b.v.(1)** is attached.

#### C.3.c.iii(3) ► Low Impact Development Reporting

(For FY 11-12 Annual Report only) Report the method(s) of implementation of Provision C.3.c.i in the 2012 Annual Report. For specific tasks listed in Provision C.3.c.i. that are reported using the reporting tables required for Provision C.3.b.v, a reference to those tables is adequate.

Please see Table C.3.b.v. (1) for specific information on regulated projects approved during FY 11-12. Note that projects approved prior to December 1, 2011 were not required to fully implement the LID requirement in Provision C.3.c.i.

The City did not approve any C.3 regulated projects after December 1, 2011. However, at least two C.3 project proponents are working toward project approval in FY12-13, Main Street (<http://www.cupertino.org/index.aspx?page=1127>) and Apple Campus 2 (<http://www.cupertino.org/index.aspx?page=1107>). The City's Engineering and Planning staff began preparing for LID implementation in September 2011. The City's Provision C.3 Impervious Surface Data Form was revised and finalized after approval of the SCVURPPP's format in November 2011 and the LID Feasibility Worksheets and attachments were incorporated into the City's planning documents. Engineering staff is using the Program and BASMAA products, Biotreatment Soil Specifications and Green Roof Specifications as appropriate to ensure LID implementation. The City's C.3 Data Form and LID Feasibility attachments are provided on the City's website at <http://www.cupertino.org/index.aspx?page=813> under the heading: **C3 & LID Forms 12-1-2011** - Provided by the Public Works Department,

Environmental Services.

**Legal Authority:** A comprehensive revision of the City's stormwater ordinance began in March 2010 and became effective in FY 11-12. Prior to adoption of the revised ordinance, the Environmental Programs Manager contacted developers who have work frequently within the City's jurisdiction to inform them of the upcoming code revision and to give them an opportunity to ask questions or discuss the proposed code. This worked well as there were not any challenging questions or comments from the public when the ordinance was presented to Council for approval. The new watershed protection ordinance can be viewed on the City's website at:

[http://www.amlegal.com/nxt/gateway.dll/California/cupertino/title9healthandsanitation/chapter918stormwaterpollutionpreventiona?f=templates\\$fn=default.htm\\$3.0](http://www.amlegal.com/nxt/gateway.dll/California/cupertino/title9healthandsanitation/chapter918stormwaterpollutionpreventiona?f=templates$fn=default.htm$3.0)

Sections specifically pertinent to regulated C.3 projects, 100% LID implementation by December 1, 2011 and LID requirements for single family home projects (9.18.100.C.8) are:

[9.18.100](#) Permanent stormwater measures required for development and redevelopment projects.

[9.18.130](#) Low impact development (LID) requirements.

Additionally, the new watershed protection ordinance includes a requirement for all regulated projects to install full trash capture devices in inlets that connect to the City's storm drain system. This section is:

[9.18.115](#) Trash load reductions to storm drain collection system.

**Staff Training:** The City's Environmental Programs Mgr. is a regular participant in the C.3 provision oversight meetings and discusses C.3 implementation with engineering and planning staff to ensure that the City is meeting requirements such as the December 1st deadline to treat 100% of the runoff required for the regulated project's drainage area with LID treatment measures (C.3.c.i) and the drop to the 5,000 sq ft threshold for special land use category projects (C.3.b.ii). In FY11-12 City staff reviewed four fact sheets that will be instrumental in providing guidance for implementing LID on single family home projects. Additionally, a fall workshop will be held for planners in 2012 to give them the tools they need to approve projects that are subject to the new requirements.

Two senior planners and the Public Works Engineer responsible for reviewing all C.3 regulated projects attended the SCVURPPP LID workshop on January 27, 2012. The Environmental Programs Manager attended the LID Municipal Staff workshop on November 8, 2011 and the SCVURPPP C.3 workshop on June 5, 2012.

The Public Works Inspector (responsible for construction site and O&M inspections) was trained, tested and certified as a QSP (Feb. 2-3 & 4 2011), and the Public Works Associate Engineer responsible for plan checking of land development projects was trained, tested and certified as a QSD (Feb. 2-3 & 4 2011).

**C.3.e.v. ► Alternative or In-Lieu Compliance with Provision C.3.c.**

(For FY 11-12 Annual Report only) Did your agency make any ordinance/legal authority and procedural changes to implement Provision C.3.e.?	<input type="checkbox"/>	Yes.	<input checked="" type="checkbox"/>	No
If yes, attach a copy of the ordinance/legal authority changes or provide a link to the document(s). Discuss any procedural changes made.				
(For FY 11-12 Annual Report and each Annual Report thereafter) Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Comments: To date, the City of Cupertino has not issued permits for alternative compliance measures, or collected in-lieu fees in place of 100% LID treatment, however, the option of alternative compliance has not been disallowed. This option will likely not be implemented until regional projects or in-lieu fees have been identified or determined.				

**C.3.e.vi ► Special Projects Reporting**

1. Has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2012 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<b>The City of Cupertino does not yet have any transit-oriented hubs or prospective development projects without parking lots that would be eligible for "special project" status as smart growth, high density and transit-oriented developments.</b>				

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

(1) Table C.3.h.iv.(1) (below) details operation and maintenance verification inspections conducted in the City of Cupertino during FY11-12.
(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.
There have not been any significant problems with installed stormwater treatment system in the past two years and all sites with permanent C.3 treatment measures have been inspected annually by the City of Cupertino's Public Works Engineering Inspector.

**Mechanical treatments**

Several of Cupertino's C.3 regulated projects approved in previous years have mechanical treatments installed on-site. The mechanical units have not yet had any maintenance problems.

**Swales**

The one type of treatment that has been problematic at some sites is bioswales. In FY11-12 one bioswale required additional maintenance due to an accumulation of litter in the swale. In FY10-11 one site owner needed to provide some weeding and additional vegetation in the bioswales. The only significant problem requiring several corrective measures in FY09-10 was dying vegetation in bio-swales in a parking lot where the swales were subject to excessive foot traffic and pavement-generated heat. The City's re-inspections in subsequent years have verified that the swales have been successfully remediated.

- (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).

The City's authority and procedures to verify and enforce the maintenance requirements of stormwater treatment measures for C.3 regulated projects have been in place and working effectively since the permanent measures were first required, pre-MRP. The City has not approved any projects that have required HM controls. Due to the relatively small number of C.3 regulated projects that have been approved and completed up to 2012, the City's Public Works Engineering Inspector has inspected each existing treatment measure annually. Although maintenance records are required to be kept and submitted by the property owner upon request, the City's Inspector conducts each inspection personally and refers to private property maintenance records only as supplemental verification of consistent maintenance. With just one inspector to manage this program and the growing number of regulated projects in Cupertino, the inspection procedures will be modified to ensure inspections of 20% of the previously-installed vault-based systems and 20% of the total number of installed treatment systems annually, as allowed under C.3.h.ii. (6).

The City's watershed protection ordinance was rewritten and adopted in FY11-12. Municipal code sections related to the City's Maintenance and Verification Program for regulated projects are:

- [9.18.150](#) Stormwater treatment measure operation and maintenance responsibility.
- [9.18.160](#) Agreement to maintain stormwater treatment systems and best management practices.
- [9.18.170](#) Stormwater treatment systems and BMP inspection and verification responsibility (C.3.h).
- [9.18.180](#) Records of maintenance and inspection activities and submission of revised stormwater management plan.
- [9.18.190](#) Failure to maintain.
- [9.18.195](#) Inspections by City.
- [9.18.200](#) Inspection and maintenance easement.

Ongoing Permanent Treatment O&M is ensured through a recorded stormwater BMP operation and maintenance agreement between the property owner and the City, as well as requirements in City Municipal Code sections 9.18.150 – 9.18.200, giving the City the legal authority to ensure that the property owner adequately maintains and repairs all installed treatments regardless of the reason for the failure. The stormwater BMP operation and maintenance agreement provides that, in the event maintenance or repair is neglected, the City has the authority to perform maintenance and/or repair work and to recover the costs from the owner.

A description of the City of Cupertino's Permanent Treatment O&M Verification Inspection Program for installed C.3 regulated storm water treatment systems is provided below.

**Selection of Annual O&M Inspection Sites:**

- Permanent installed treatment measures at all C.3 regulated project properties are inspected annually. The installed treatment measures are inspected by the Public Works Inspector within 45 days of being installed [and the initial inspection will be reported in that year's annual report]. The permanently installed treatment measure will be inspected annually thereafter.
- Starting in FY12-13, the City will inspect 20% of the previously-installed vault-based systems and 20% of the total number of installed treatment systems annually, as allowed under C.3.h.ii. (6).

**Permanent Treatment O&M Inspection Program Responsibilities**

- Public Works Engineering Division staff review development plans for stormwater quality compliance.
- The Public Works Inspector tracks the construction of the permanent treatment during his construction site inspections and performs O&M inspections and enforcement for all of the City's C.3 regulated projects. Inspection details and outcomes are tracked in an Excel database and are checked against the C.3.h.iv project reporting table.
- The Public Works Inspector field-checks construction of the on-site permanent treatments at C.3 regulated projects and provides the sign-off on grading permits prior to City-approval for site occupancy, he also notes when the project is completed.
- The Public Works Inspector submits a Permanent Treatment O&M Inspection summary table for the previous fiscal year to the Environmental Programs Manager by July 31st of each year.
- The Environmental Programs Manager includes Treatment O&M inspection data in the Annual Report.

**Permanent Treatment O&M Pre-Inspection Preparation**

- The Public Works Inspector reviews the C.3 regulated project reporting table and the Permanent Treatment O&M Inspection records prior to beginning annual inspections.
- The Public Works Inspector or Public Works administrative staff will contact each C.3 regulated site owner/manager to arrange a mutually agreeable inspection appointment, if needed, for the City's inspection of the stormwater treatment systems.
- Prior to an initial site inspection, the Public Works Inspector may review the site's Storm Water Management Plan, including applicable as-built construction plans, for permanent treatment information, including types and locations of treatments. This may not be necessary as he becomes very familiar with the older treatment measures.
- The Inspector will review any previous City inspection results and may also review the property owner's O&M maintenance records.
- The Public Works Inspector will, if needed, review the applicable CASQA or SCVURPPP fact sheets and information on the City's O&M Inspection Program, which may be useful in addressing questions or comments raised during the inspection by the site owners or operators.

**Permanent Treatment O&M Inspection and Enforcement Procedures**

- Permanent treatment O&M inspection by the Public Works Inspector is conducted and results are documented in the City's permanent treatment O&M inspection Excel database.
- If any deficiency is noted, the Public Works Inspector will document it in writing. If the Inspector issues a written notice of violation, it will include the O&M inspection results, a list of corrective actions needed, and a compliance schedule. This notice will be given to the property owner/manager and compliance will be expected within ten working days of the inspection.
- The inspector will complete a follow-up inspection, noting whether all recommended maintenance activities have been completed and if any other actions are needed to ensure proper operation of the facility.
- If repairs are not undertaken or are not done properly within the time allocated in the compliance schedule, the City will begin enforcement

<p>proceedings as provided in City Code Section 9.18.190.</p> <ul style="list-style-type: none"> <li>Once all necessary repairs have been completed, the Public Works Inspector will note this in the City's Permanent Treatment O&amp;M Excel spreadsheet, including the date remedial work was completed and any other pertinent information (e.g., if City intervention was required to complete corrective work).</li> </ul>				
<b>(4)</b> During the reporting year, did your agency:				
<ul style="list-style-type: none"> <li>Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation?</li> </ul>	<b>X</b>	<b>Yes</b>	<input type="checkbox"/>	<b>No</b>
<ul style="list-style-type: none"> <li>Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls?</li> </ul>	<b>X</b>	<b>Yes</b>	<input type="checkbox"/>	<b>No</b>
<ul style="list-style-type: none"> <li>Inspect at least 20 percent of the total number of installed vault-based systems?</li> </ul>	<b>X</b>	<b>Yes</b>	<input type="checkbox"/>	<b>No</b>
<p>If you answered "No" to any of the questions above, please explain:</p>				

**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 <sup>1</sup> , Street Address	Name of Developer	Project Phase No. <sup>2</sup>	Project Type & Description <sup>3</sup>	Project Watershed <sup>4</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>5</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>6</sup>	Total Pre- Project Impervious Surface Area <sup>7</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>8</sup> (ft <sup>2</sup> )
<b>Private Projects</b>											
Cupertino Crossroads Shopping Center (52,752)	20730 Stevens Creek Blvd	Byer Properties	1 of 1	Commercial Remodel with Parking Lot Improvements	Calabazas Watershed to San Francisco Bay (Calabazas Creek)	10.249 AC	0.92 AC	3,835 SF	31,263 SF	408,188 SF	400,812 SF
Cupertino Crossroads Pad E and F (52,752.02)	20750 Stevens Creek Blvd	Byer Properties	2 of 2	Commercial and Restaurant with Parking Lot Improvements	Calabazas Watershed to San Francisco Bay (Calabazas Creek)	11.62 AC	2.88 AC	15,670 SF	92,790 SF	408,188 SF	423,858 SF
Homestead Retail Riteaid (Store No. 5967) (52,537.01)	20572 Homestead Rd	The Sobrato Organization	1 of 2	New Commercial Structure with Parking Lot Improvements	Sunnyvale East Watershed to San Francisco Bay (Sunnyvale East Channel)	2.87 AC	2.87 AC	0	109,500 SF	115,750 SF	109,500 SF
Hyatt Place/Aloft Hotel (52,517)	10165 N. De Anza Blvd	Shashi Corp.	1 of 1	Redevelopment, 123 room, 4-story hotel with basement	Sunnyvale East Watershed to San Francisco Bay (Sunnyvale East Channel)	0.8 AC	0.8 AC	1,033 SF	28,151 SF	28,151 SF	29,184 SF
Gate of Heaven Catholic	22555 Cristo Rey Drive	Roman Catholic Diocese of San	1 of 1	New Development, Private roadway	Permanente Watershed to San	58.0 AC	2.8 AC	42,675 SF	0	2,420 SF	45,095 SF

<sup>1</sup> Include cross streets

<sup>2</sup> 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".

<sup>3</sup> 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.

<sup>4</sup> State the watershed(s) in which the Regulated Project is located. Optional but recommended: Also state the downstream watershed(s).

<sup>5</sup> All impervious surfaces added to any area of the site that was previously existing pervious surface.

<sup>6</sup> All impervious surfaces added to any area of the site that was previously existing impervious surface.

<sup>7</sup> For redevelopment projects, state the pre-project impervious surface area.

<sup>8</sup> 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 <sup>1</sup> , Street Address	Name of Developer	Project Phase No. <sup>2</sup>	Project Type & Description <sup>3</sup>	Project Watershed <sup>4</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>5</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>6</sup>	Total Pre- Project Impervious Surface Area <sup>7</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>8</sup> (ft <sup>2</sup> )
Cemetary – St. Mary's Section		Jose		extensions	Francisco Bay (Permanente Creek)						
Comments: <b>The City of Cupertino did not approve any public projects during FY11-12 that were subject to provision C.3 requirements.</b>											

**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 <sup>9</sup>	Application Final Approval Date <sup>11</sup>	Source Control Measures <sup>10</sup>	Site Design Measures <sup>11</sup>	Treatment Systems Approved <sup>12</sup>	Operation & Maintenance Responsibility Mechanism <sup>13</sup>	Hydraulic Sizing Criteria <sup>14</sup>	Alternative Compliance Measures <sup>15/16</sup>	Alternative Certification <sup>17</sup>	HM Controls <sup>18/19</sup>
<b>Private Projects</b>										
Cupertino Crossroads Shopping Center (52,752)	Submittal 6/4/11; Deemed Complete 7/27/11	Final Discretionary Approval 11/15/11	<ul style="list-style-type: none"> <li>• Covered trash storage areas.</li> <li>• Storm drain stenciling</li> <li>• Beneficial Landscaping</li> <li>• Efficient Irrigation Systems.</li> <li>• Maintenance (pavement sweeping, catch basin cleaning, good house-keeping).</li> </ul>	<ul style="list-style-type: none"> <li>• Minimize Impervious Surfaces.</li> </ul>	<ul style="list-style-type: none"> <li>• Infiltrating/flow through vegetated swale.</li> </ul>	O & M Agreement; Property Owners	1.b.	None	Mike Campbell, HMH, Inc., Third Party Certification	No, Project adds less than 1 AC impervious.
Cupertino Crossroads Pad E and F	Submittal 6/4/11; Deemed	Final Discretionary Approval	<ul style="list-style-type: none"> <li>• Covered trash storage areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Minimize Impervious Surfaces.</li> </ul>	<ul style="list-style-type: none"> <li>• Infiltrating/flow through vegetated</li> </ul>	O & M Agreement; Property Owners	1.b.	None	Stephanie Conran, Schaaf and	No, Project not in an HMP required zone.

<sup>9</sup> For private projects, state project application deemed complete date and final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

<sup>10</sup> 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.

<sup>11</sup> 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.

<sup>12</sup> 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.).

<sup>13</sup> 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.

<sup>14</sup> 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).

<sup>15</sup> 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.

<sup>16</sup> 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.

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

<sup>18</sup> If HM control is not required, state why not.

<sup>19</sup> 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 <sup>9</sup>	Application Final Approval Date <sup>11</sup>	Source Control Measures <sup>10</sup>	Site Design Measures <sup>11</sup>	Treatment Systems Approved <sup>12</sup>	Operation & Maintenance Responsibility Mechanism <sup>13</sup>	Hydraulic Sizing Criteria <sup>14</sup>	Alternative Compliance Measures <sup>15/16</sup>	Alternative Certification <sup>17</sup>	HM Controls <sup>18/19</sup>
(52,752.02)	Complete 7/27/11	11/15/11	<ul style="list-style-type: none"> <li>• Storm drain stenciling</li> <li>• Beneficial Landscaping</li> <li>• Efficient Irrigation Systems.</li> <li>• Maintenance (pavement sweeping, catch basin cleaning, good house-keeping).</li> </ul>		swale.				Wheeler, Third Party Certification	
Homestead Retail Riteaid (Store No. 5967) (52,537.01)	Submittal 11/9/09; Deemed Complete 3/3/10	Final Discretionary Approval 5/4/10	<ul style="list-style-type: none"> <li>• Covered trash storage areas.</li> <li>• Storm drain stenciling</li> <li>• Beneficial Landscaping</li> <li>• Maintenance (pavement sweeping, catch basin cleaning, good house-keeping).</li> </ul>	<ul style="list-style-type: none"> <li>• Limit direct connections from impervious area into storm drain system.</li> </ul>	<ul style="list-style-type: none"> <li>• Infiltrating/flow through vegetated swales.</li> <li>• Media Filter System</li> </ul>	O & M Agreement; Property Owners	2.c. for media filters  2.c. for infiltrating vegetated swales	None	Stephanie Conran, Schaaf and Wheeler, Third Party Certification	No, Project not in an HMP required zone.
Hyatt Place/Aloft Hotel (52,517)	Submittal 8/4/10; Deemed Complete 10/12/10	Final Discretionary Approval 11/1/10	<ul style="list-style-type: none"> <li>• Basement garage drains to sanitary.</li> <li>• Covered trash storage areas – drain to sanitary.</li> <li>• Pool connects to</li> </ul>	<ul style="list-style-type: none"> <li>• Minimum impact parking lot design</li> </ul>	<ul style="list-style-type: none"> <li>• Media Filter System</li> </ul>	O & M Agreement; Property Owners	2.b.	None	Edward Boscacci, Jr., BKF Engineers, Third Party Certification	No, Project adds less than 1 AC impervious.

**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 <sup>9</sup>	Application Final Approval Date <sup>11</sup>	Source Control Measures <sup>10</sup>	Site Design Measures <sup>11</sup>	Treatment Systems Approved <sup>12</sup>	Operation & Maintenance Responsibility Mechanism <sup>13</sup>	Hydraulic Sizing Criteria <sup>14</sup>	Alternative Compliance Measures <sup>15/16</sup>	Alternative Certification <sup>17</sup>	HM Controls <sup>18/19</sup>
			sanitary. • Storm drain stenciling • Maintenance (pavement sweeping, catch basin cleaning, good house-keeping).							
Gate of Heaven Catholic Cemetary – St. Mary's Section	Submittal 1/26/11; Deemed Complete 3/11/11	Final Discretionary Approval 3/22/11	• Efficient Landscape Irrigation. • Maintenance (pavement sweeping, catch basin cleaning, good house-keeping). • Storm drain stenciling	• Minimize Impervious Surfaces. • Conserve Natural Areas.	• Bio-swales	O & M Agreement; Property Owners	1.b.	None	Edward Boscacci, Jr., BKF Engineers, Third Party Certification	No, Project adds less than 1 AC impervious.

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period										
Project Name Project No.	Approval Date <sup>20</sup>	Date Construction Scheduled to Begin	Source Control Measures <sup>21</sup>	Site Design Measures <sup>22</sup>	Treatment Systems Approved <sup>23</sup>	Operation & Maintenance Responsibility Mechanism <sup>24</sup>	Hydraulic Sizing Criteria <sup>25</sup>	Alternative Compliance Measures <sup>26/27</sup>	Alternative Certification <sup>28</sup>	HM Controls <sup>29/30</sup>
Comments: <b>The City of Cupertino did not approve any public projects during FY11-12 that were subject to provision C.3 requirements.</b>										

<sup>20</sup> For public projects, enter the plans and specifications approval date.

<sup>21</sup> 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.

<sup>22</sup> 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.

<sup>23</sup> 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.).

<sup>24</sup> 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.

<sup>25</sup> 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).

<sup>26</sup> 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.

<sup>27</sup> 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.

<sup>28</sup> Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>29</sup> If HM control is not required, state why not.

<sup>30</sup> If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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

Fill in table below or attach your own table including the same information. **Note: The City of Cupertino did not approve any C.3 regulated projects in FY11-12 after December 1, 2011. Therefore, full LID requirements did not apply to the projects listed in this inspection table.**

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) <sup>31</sup>	Party Responsible <sup>32</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>33</sup>	Type of Treatment/HM Control(s) Inspected <sup>34</sup>	Inspection Findings or Results <sup>35</sup>	Enforcement Action Taken <sup>36</sup>	Comments/Follow-up
Panasonic	10900 N Tantau Avenue	No	Larry Wallerstein	1/20/2012	Routine	Vortex Separator	1. No Visible/Apparent Problems	None	During Rain
Panasonic	10900 N Tantau Avenue	No	Larry Wallerstein	1/20/2012	Routine	Porous Pavement	1. No Visible/Apparent Problems	None	During Rain
Panasonic	10900 N Tantau Avenue	No	Larry Wallerstein	1/20/2012	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	During Rain
Panasonic	10900 N Tantau Avenue	No	Larry Wallerstein	1/20/2012	Routine	Drain Insert	1. No Visible/Apparent Problems	None	City to receive 3rd party verification as to insert replacement schedule. Raining
Whole Foods	20955 Stevens Creek Blvd	No	Scott Sherman	4/18/2012	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	No Problems Found
Apple	10495 DeAnza Blvd	No	Maria Moules	4/18/2012	Routine	Vortex Separator	1. No Visible/Apparent Problems	None	City also receives 3rd party Verification of CDS inspection & maintenance
Apple	10495 DeAnza Blvd	No	Maria Moules	4/18/2012	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	No Problems Found
Market Place	19620 Stevens Creek Blvd	No	Edward Chan	1/20/2012	Routine	Vortex Separator	1. No Visible/Apparent Problems	None	During Rain
Market Place	19620 Stevens Creek Blvd	No	Edward Chan	1/20/2012	Routine	Vegetated Swale	5. Trash/Debris Accumulation or Dumping	Verbal Notice	During Rain
Market Place	19620 Stevens Creek Blvd	No	Edward Chan	1/23/2012	Follow-up	Vegetated Swale	1. No Visible/Apparent Problems	None	Trash removed.
1st Baptist Church	10505 Miller Avenue	No	Senior Pastor Robin Davies	1/20/2012	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	During Rain
St. Jude's Episcopal	20920 McClellan Rd	No	Tom Dyer	4/18/2012	Routine	Underground Detention Systems	1. No Visible/Apparent Problems	None	No Problems Found
Blaney Ventures	790 S. Blaney Ave	No	Rick Towne	4/18/2012	Routine	Infiltration Trench	1. No Visible/Apparent Problems	None	No Problems Found
Amelia Ct Subdivision	10321 Amelia Ct	No	Brian Kelly	4/18/2012	Routine	Infiltration Trench	1. No Visible/Apparent Problems	None	No Problems Found
Apple Vallco	19333 Vallco Pkwy	No	Maria Moules	5/17/2012	Routine	Extended Detention Basin	1. No Visible/Apparent Problems	None	No Problems Found
Apple Vallco	19333 Vallco Pkwy	No	Maria Moules	5/17/2012	Routine	Vegetated Buffer Strip	1. No Visible/Apparent Problems	None	No Problems Found
Blackberry Farm	21979 San Fernando	No	City Staff	6/7/2012	Routine	Porous Pavement	1. No Visible/Apparent Problems	None	No Problems Found

<sup>31</sup> Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

<sup>32</sup> State the responsible operator for installed stormwater treatment systems and HM controls.

<sup>33</sup> State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

<sup>34</sup> 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.

<sup>35</sup> State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

<sup>36</sup> 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. **Note: The City of Cupertino did not approve any C.3 regulated projects in FY11-12 after December 1, 2011. Therefore, full LID requirements did not apply to the projects listed in this inspection table.**

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) <sup>31</sup>	Party Responsible <sup>32</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>33</sup>	Type of Treatment/HM Control(s) Inspected <sup>34</sup>	Inspection Findings or Results <sup>35</sup>	Enforcement Action Taken <sup>36</sup>	Comments/Follow-up
	Ave								
Villa Serra	20800 Homestead Rd	No	Promethius/Mike Ducote	6/7/2012	Routine	Vortex Separator	1. No Visible/Apparent Problems	None	No Problems Found
Villa Serra	20800 Homestead Rd	No	Promethius/Mike Ducote	6/7/2012	Routine	Vegetated Buffer Strip	1. No Visible/Apparent Problems	None	No Problems Found
Las Palmas	10855 N. Stelling Rd	No	HOA	6/7/2012	Routine	Vortex Separator	1. No Visible/Apparent Problems	None	No Problems Found
Cupertino Crossroads	20750 Stevens Creek Blvd	Yes	WL Butler Constrution	5/8/2012	45-days	Hydrodynamic Separators	1. No Visible/Apparent Problems	None	45- day inspection of Newly Installed system
Rite-Aid	20572 Homestead Rd	Yes	DevCon Construction	5/17/2012	45-days	Hydrodynamic Separators	1. No Visible/Apparent Problems	None	45- day inspection of Newly Installed system



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

**Program Highlights**

Provide background information, highlights, trends, etc.

In FY 11-12 the City approved a new Municipal Code Chapter, 9.18, which specifies the City’s authority to enforce the requirements in the MRP. Language was included in section 9.18.040 (Discharge into the Storm Drain Prohibited), in response to comments from inspectors, to help them enforce and explain the City’s reason for enforcement of certain threats to the storm drainage system (e.g. uncontained litter and ongoing landscape irrigation water). The City of Cupertino also updated its Industrial/Commercial Site Control Program Business Inspection Plan and facility inspection list after re-prioritizing facilities based on inspection results. Three dry cleaners, a florist and a bakery were removed from the list because they were closed and approximately ten food facilities were added to the list to be inspected separately rather than as part of one shopping area even though they share dumpsters and tallow bins.

In fiscal year 2012-2013 private property owners will have more reason to stay in compliance. The City Council approved a \$100 watershed protection inspection fee each time an inspector must return to a site to verify corrective action. One inspection per year is conducted at no charge.

The Environmental Programs Manager is a regular participant in the IND/IDDE SCVURPPP ad hoc task group. Inspection staff is informed about topics that come up in the countywide meetings. See the C.4 section of the SCVURPP FY 11-12 Annual Report for information on C.4 AHTG activities.

During FY 11-12, the City conducted inspections at 24 food facilities, grocery stores and retail areas and inspected 28 automotive, construction-related and dry cleaner businesses for a total of 52 sites inspected. The City is emphasizing a zero litter policy that targets dumpster areas and requires complete containment and cleanliness. The City considers any material stockpiled around a trash enclosure area to be a violation, including stockpiled cardboard. Under the City’s zero litter tolerance policy, sites receive a verbal warning or a notice of violation for any litter found on the property regardless of how it arrived there. In addition to the City’s inspection program, the Santa Clara County Department of Environmental Health conducts annual inspections of all food facilities, farmer’s markets, school cafeterias and convenience stores in the City. DEH Inspectors have been trained to look for potential stormwater violations and report back to the City’s IDDE Inspector when violations are discovered. The lack of violations found by the County’s DEH inspectors over the past two years is likely a testament to the success of Cupertino’s targeted food facility compliance program.

	<b># of Food Sites Inspected by DEH</b>	<b>DEH Food Facility Inspections Conducted</b>	<b>Total Storm Water Violations found in Cupertino by DEH</b>
<b>FY11-12</b>	268	372	0
<b>FY10-11</b>	282	401	1

In addition to food facility concerns, five automotive businesses had potential violations (e.g. materials stored outside without cover in dry weather, storm drain inlets with leaves and drain inlets in need of “flows to creek” labels). Inspectors gave a verbal warning and required drain inlets to be cleaned and labeled. Each potential violation that results in a verbal warning is recorded in the IND database. Only one of the violations caused an actual discharge of litter to a storm drain inlet. Generally, potential violations are resolved on the same day or within 48 hours

**C.4.b.i. ► Business Inspection Plan**

Do you have a Business Inspection Plan?

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
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**C.4.b.iii.(1) ► Potential Facilities List**

See the City of Cupertino’s Industrial/Commercial Site Control Program Business Inspection Plan (attached) for the list of all facilities within the City that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

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

See the City of Cupertino’s Industrial/Commercial Site Control Program Business Inspection Plan (attached) for the list of facilities scheduled for inspection during the 2012-2013 fiscal year.

**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	52	
Total number of inspections conducted	69	
Number of violations (excluding verbal warnings)	5	
Sites inspected in violation	14	27%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	13	93%

Comments:

The violations observed at a site (primarily at restaurants and service stations in Cupertino) are counted as one violation, but the Inspector’s comments entered in the City’s database describe each type of violation and how it was resolved. The City did not observe any site with an illegal discharge to a stream or other water body. However, if there had been an actual discharge, each discharge to a storm drain inlet/water body would have been recorded as a separate discharge. A site could have multiple discharges if more than one storm drain or water body was impacted.

There was one violation at a service station involving improper material storage that did not receive re-inspection in a timely manner. The Building Dept inspectors conduct initial inspections of non-food facilities. If a violation is observed that cannot be immediately corrected the Building inspector has been instructed to refer the site to the IDDE Inspector for follow-up. The building inspector misunderstood procedure and did not refer the incident immediately. He left time for the business to complete cleanup before notifying the IDDE Inspector, which caused a delay in the reinspection. The Building inspector was reminded of the 10-day window the City is allotted in which to verify compliance and agreed to notify the IDDE inspector immediately when violations require intervention or re-inspection.

**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)	1
Potential discharge and other	13
Comments: The City did not observe any site with an illegal discharge to a stream or other water body. However, if there had been an actual discharge, each discharge to a separate storm drain inlet/water body would have been recorded as a separate discharge. A site could have multiple violations for discharges, if more than one storm drain or water body were impacted.	

**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) <sup>38</sup>	Number of Enforcement Actions Taken	% of Enforcement Actions Taken <sup>39</sup>
Level 1	Verbal Warning	9	64%
Level 2	Written Notice of Violation	5	36%
Level 3	Pre-Administrative Citation	0	0
Level 4	Administrative Citation with Fine	0	0
<b>Total</b>		14	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 Category <sup>40</sup>	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Automotive Service/Maintenance	1	4
Restaurant/ Food Facility	0	5

<sup>38</sup> Agencies to list specific enforcement actions as defined in their ERPs.

<sup>39</sup> Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<sup>40</sup> List your Program's standard business categories.

Retail/Commercial	0	2
Construction related businesses (Cabinet Making)	0	1
Dry Cleaners	0	1

**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 are no facilities in the City of Cupertino that are required to have coverage under the Industrial General Permit.** Therefore, there were no facilities identified as non-filers during inspections this fiscal year. Lehigh Cement Plant, for example, has a Cupertino address, but is not in the City of Cupertino; rather it is in the County of Santa Clara

**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 Training Roundtable – Update on stormwater inspections of industrial and commercial facilities	May 23, 2012	<ol style="list-style-type: none"> <li>Regulatory Review – MRP Compliance</li> <li>Inspections for Litter</li> <li>Inspecting for Nurdles</li> <li>Inspection Case Studies</li> <li>BMPs for Mobile for Businesses (Site/ler Car Was gave a presentation on correct use of BMPs) Requirements for Copper Roofs &amp; other Architectural Copper</li> </ol>	<p>6</p> <p>IDDE Inspector Code Enforcement Officers Environmental Prog Mgr</p> <p>All Building Inspectors were trained at their staff meeting on 6-12-12</p>	<p>60%</p> <p>(all other inspectors received in-house training 6/12/11)</p>
IND Inspection training - during Building Inspector staff meeting Environmental Programs Manager reviewed all concepts relevant to Cupertino's Industrial and Commercial Site Control Program that were presented at the May 23 <sup>rd</sup> Countywide workshop	June 12, 2011	<ol style="list-style-type: none"> <li>Conducting industrial/commercial inspections in the City of Cupertino – reviewed timely referral to IDDE Inspector and new \$100 inspection fees required for each follow-up inspection</li> <li>Regulatory Review – MRP Compliance</li> <li>Escalating enforcement: referral to IDDE Inspector or to Code Enforcement</li> <li>Entering inspection results in database</li> <li>MRP Requirements for ensuring BMPs during maintenance of architectural copper. Reviewed photos and results of Inspection Case Studies</li> </ol>	<p>4</p>	<p>40%</p> <p>(Review of workshop topics for inspectors that could not attend on 5/23/12)</p>

<p>Training MRP SOP's Database &amp; New Ordinance Building Department</p>	<p>11/22/11</p>	<ol style="list-style-type: none"> <li>1. Reviewed the City's new Watershed Protection Ordinance CMC 9.18 written to comply with the MRP and to give inspectors more authority when requiring compliance.</li> <li>2. Explained changes to the City's Industrial/ Commercial Site Control Inspection database, which allow inspectors to enter their own data.</li> </ol>	<p>6 Attendees included Business Official 5 Building Inspectors</p>	<p>60%</p>
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## **Appendix C.4**

### **CITY OF CUPERTINO Environmental Programs Division**

### **Industrial/Commercial Site Control Program Business Inspection Plan**

#### C.4.b.i. BUSINESS INSPECTION PLAN

The City of Cupertino's Industrial and Commercial Business Inspection Plan describes the overall strategy for the City's inspections and provides a prioritized list of IND/Commercial facilities for the City to inspect throughout the duration of the Municipal Regional NPDES stormwater discharge permit (MRP), adopted on October 14, 2009.

#### LIST OF FACILITIES TO BE INSPECTED AND MONITORED

**There are no NOI filers in the City of Cupertino.**

A list of targeted businesses has been prepared for the City's commercial and industrial site inspectors. This list includes all facilities identified in the MRP, including, but not limited to: 1) outdoor process and manufacturing areas; 2) outdoor material storage areas; 3) outdoor waste storage and disposal areas; 4) outdoor vehicle and equipment storage and maintenance areas; 5) outdoor wash areas; 6) outdoor drainage from indoor areas; 7) rooftop equipment; 8) food facilities that generate grease; and any other sources that have reasonable potential to contribute to pollution of stormwater runoff.

#### PRIORITIZATION STRATEGY

Facility inspections are prioritized based on business type, pollutant threat, results of the initial inspection and available history of site performance. Facilities with previous violations, of any enforcement level, are given the highest priority for follow-up inspections and will be inspected annually until an inspection is conducted without a report of any violations or potential violations.

Types of businesses considered the highest priority include, but are not limited to: 1) restaurants and grease-generating food facilities or stores; 2) vehicle mechanical repair, maintenance, fueling or cleaning facilities; 3) the City's corporation yard, or municipal service center (MSC); 4) nurseries or gardening centers; and 5) dry cleaners.

Cupertino has developed a planned facility inspection list for each fiscal year from FY 10-11 through FY 13-14. The annual lists are available in the City's IND Excel workbook as part of the Business Inspection Plan for the duration of the 2009 MRP. The FY 12-13 list for businesses to be inspected is included in this submittal. Each fiscal year, the City will refine the lists based on the inspection results, as well as to add new businesses, or to delete closed businesses.

#### INSPECTION PLANS

The following inspection plans are included in this document:

1. C.4.b.iii.(1): Identified list of industrial/commercial facilities (excluding food facilities) that will be inspected during the 2009 MRP period. Note: This list has been updated from the previous year to show deletions and additions of facilities.

2. C.4.b.iii.(1): List of food facilities that are subject to annual stormwater inspections by the County's Dept. of Environmental Health (DEH) according to a written agreement between DEH and the City. DEH Inspectors are trained to report all stormwater violation resolutions and potential stormwater problems to the City. Additionally, any report from DEH will trigger a follow-up inspection by the City's IDDE Inspector.
3. C.4.b.iii.(2): List of facilities scheduled for Industrial/Commercial inspections during fiscal year 2012-2013 (excluding food facilities).
4. C.4.b.iii.(2): List of food facilities and other facilities of concern scheduled for inspections during fiscal year 2012-2013. These facilities will be targeted due to a previous violation or other reported concern, or because they are a new facility that has the potential to be a stormwater violator but has not yet appeared on the DEH list.

Note: Cupertino's Business Inspection Plan Lists for years previous to and beyond FY12-13 are retained in the City's Environmental Programs' Business Inspection Plan Excel file.

**1. C.4.b.iii.(1): Identified List of Industrial/Commercial Facilities (excluding food facilities)**

	Business Name	Business Address	Business Type
1	Supreme Dog & Cat	21686 Stevens Creek Blvd	Animal Care
2	Cupertino Animal Hospital	10026 Peninsula Ave	Animal Care
3	Acadia Veterinary Clinic	10012 N Foothill Blvd	Animal Care
4	European Auto Performance	10550 S De Anza Blvd	Auto Dealer
5	Goodyear Tire & Rubber Co	10931 N De Anza Blvd	Auto Supply And Service
6	Cupertino Union 76	21530 Stevens Creek Blvd	Auto Supply And Service
7	Clark's Auto Parts &	10270 Imperial Ave	Auto Supply And Service
8	Driving Machine, The	10100 Bubb Rd	Auto Supply And Service
9	Tom Brown's House Of	21680 Lomita Ave	Auto Supply And Service
10	Chevron Usa Inc 95700	11010 N De Anza Blvd Ste 5700	Auto Supply And Service
11	Cupertino Beacon Service Ctr	22510 Stevens Creek Blvd	Auto Supply And Service
12	De Anza Shell Service	20999 Stevens Creek Blvd	Auto Supply And Service
13	Homestead 76	21855 Homestead Rd	Auto Supply And Service
14	Cupertino Auto Tech	10073 Imperial Ave	Auto Supply And Service
15	Rotten Robbie 25	19030 Stevens Creek Blvd	Auto Supply And Service
16	Vallco 76 Service	19550 Stevens Creek Blvd	Auto Supply And Service
17	Cupertino U S Gas (Valero)	10002 N De Anza Blvd	Auto Supply And Service
18	Cupertino Beacon Auto	22510 Stevens Creek Blvd	Auto Supply And Service
19	Cupertino Smog Pro & Auto	10625 N De Anza Blvd	Auto Supply And Service
20	Cupertino Service	10280 Imperial Ave	Auto Supply And Service
21	International Auto Clinic	10221 Imperial Ave	Auto Supply And Service
22	Imperial Automotive Of	10261 (10262) Imperial Ave	Auto Supply And Service
23	Vikhar Vallero	1699 S De Anza Blvd	Auto Supply And Service
24	De Anza Auto Repair	11025 N De Anza Blvd	Auto Supply And Service
25	Henry's Union 76	10490 S De Anza Blvd	Auto Supply And Service
26	Shell Oil #135216	19990 Stevens Creek Blvd	Auto Supply And Service
27	AAA Auto Repair And	10121 N Foothill Blvd	Auto Supply And Service

	Business Name	Business Address	Business Type
28	Jiffy Lube #2355	19480 Stevens Creek Blvd	Auto Supply And Service
29	Crossroads Chevron	10023 S De Anza Blvd	Auto Supply And Service
30	De Anza Auto Center	10151 Imperial Ave	Auto Supply And Service
31	Union 76	20755 Stevens Creek Blvd	Auto Supply And Service
32	Sears Auto Service	10101 N Wolfe Rd	Auto Supply And Service
33	Cupertino Supply Inc	10230 Imperial Ave	Building Supplies
34	Keiser, Ross Gener Contr	10281 Imperial Ave	Contractor - General
35	Cupertino Glass & Windows	10281 Imperial Ave	Contractor - Glass
36	Ekim Painting	10200 Imperial Ave	Contractor - Painting
37	De Anza Plumbing	10260 Imperial Ave	Contractor - Plumbing
38	Granite Rock Co	1505 S De Anza Blvd	Contractor - Specialty
39	Cupertino Custom Cabinetry	10121 Imperial Ave Ste D	Contractor - Specialty
40	Dry Clean Pro	20379 Stevens Creek Blvd	Dry Cleaners And Laundry
41	Oakmont Cleaners	19948 Homestead Rd	Dry Cleaners And Laundry
42	Scottys Cleaners	10620 S De Anza Blvd	Dry Cleaners And Laundry
43	Happy Dry Clean Shop	10020 Imperial Ave	Dry Cleaners And Laundry
44	One Hour Cleaners By Lee	10045 E Estates Dr	Dry Cleaners And Laundry
45	Mcclellan Square Cleaners	10477 S De Anza Blvd Ste A	Dry Cleaners And Laundry
46	N & K Cleaners	21749 Stevens Creek Blvd	Dry Cleaners And Laundry
47	Sierra Cleaners (El Dorado)	10151 S De Anza Blvd	Dry Cleaners And Laundry
48	Scandinavian Designs	19900 Stevens Creek Blvd	Furniture
49	Murasaki Home Furnishings,	10525 S De Anza Blvd Ste 145	Furniture
50	Yamagami's Nursery	1361 S De Anza Blvd	Garden Supply & Equipment
51	Senne Company	19925 Stevens Creek Blvd Ste 114	Manufacturer
52	Aeroflex High Speed Test	10411 Bubb Rd	Manufacturer
53	Ae Biofuels, Inc.	20400 Stevens Creek Blvd Ste 700	Manufacturer
54	Apple Inc, e-waste collection	10300 Bubb Rd	Marketing
55	Comcast Of California Ii Llc	10040 Imperial Ave	Payment Center – by complaint only
56	China Visa Svc	10525 S De Anza Blvd Ste 205	Photography Supplies
57	Kwik-Kopy Dayton Printing	10675 S De Anza Blvd Ste 1	Printing Service & Supplies
58	Advantage Grafix	10161 S De Anza Blvd	Printing Service & Supplies
59	Summer Winds Garden	1491 S De Anza Blvd	Retail Sales
60	Hitachi Chemical Co	10080 N Wolfe Rd Ste Sw3200	Sales
61	Ice Center Enterprises Llc	10123 N Wolfe Rd Ste 30	Skating Rink
62	A Perfect Tan	19949 Stevens Creek Blvd	Tanning Salon
63	Walgreens, Store #4416	20011 Bollinger Rd	Retail Sales
64	Aaron Brothers	20600 Stevens Creek Blvd	Retail Sales
65	Pier 1 Imports	20610 Stevens Creek Blvd	Retail Sales
66	T.J. Maxx	20650 Homestead Rd	Retail Sales
67	Ameek Auto Co	10057 Imperial Ave	Auto Dealer-New in FY 10-11
68	Alan White Service	21530 Stevens Creek Blvd	Auto Supply And Service-New in FY 10-11
69	Pan American Body Shop	10100 Bubb Rd	Auto Supply And Service-New in FY 10-11
70	Zarin Sewing, Alteration And	19775 Stevens Creek Blvd	Dry Cleaners And Laundry-New in FY 10-11
71	Serene Orchids	10525 S De Anza Blvd Ste 115	Florist-New in FY 10-11

**2. C.4.b.iii.(1): Food Facilities Inspected Annually by County Dept. of Environmental Health**

1	Restaurant/Food Facility Name	Business Address
2	212 NEW YORK PIZZA	19998 E HOMESTEAD RD
3	360 GOURMET BURRITOS	10123 N WOLFE RD
4	7-ELEVEN	21490 MCCLELLAN RD
5	7-ELEVEN FOOD STORE 2367-14320F	21220 HOMESTEAD RD
6	99 RANCH MARKET	10983 N WOLFE RD
7	A & J RESTAURANT	10893 N WOLFE RD #C160
8	ALEXANDER'S STEAKHOUSE	10330 N WOLFE RD
9	AMC CUPERTINO 16 THEATRES	10123 N WOLFE RD
10	APPLE CITY CENTER II	20330 STEVENS CREEK BL
11	APPLE-VP2	19333 VALLCO PY
12	ARMADILLO WILLY'S	10100 SOUTH DE ANZA BOULEVARD
13	ARYA GLOBAL CUISINE	19930 STEVENS CREEK BL
14	AZUMA	19645 STEVENS CREEK BL
15	BAGEL STREET CAFE - CUPERTINO	10591 N DE ANZA BL
16	BAJA FRESH	20735 STEVENS CREEK BL
17	BAR CODE CUPERTINO	10619 S DEANZA BLVD
18	BATEH BROTHERS LIQUORS	22690 STEVENS CREEK BL
19	BEARD PAPA'S CUPERTINO	19748 STEVENS CREEK BL
20	BENIHANA OF TOKYO	10123 N WOLFE RD 2074
21	BETHEL LUTHERAN CHURCH/SCHOOL	10181 FINCH AV
22	BITTER & SWEET, LLC	20560 TOWN CENTER LN
23	BJ'S RESTAURANT & BREWHOUSE	10690 NORTH DE ANZA BOULEVARD
24	BLACKBERRY FARM	21979 SAN FERNANDO AV
25	BLANEY AVE SHELL	19990 STEVENS CREEK BL
26	BLUE PHEASANT RESTAURANT	22100 STEVENS CREEK BL
27	BLUELIGHT CINEMAS	21275 STEVENS CREEK BL STE 500
28	BOMBAY OVEN	20803 STEVENS CREEK BL
29	BONJOUR CREPES AND SANDWICHES	20371 STEVENS CREEK BL
30	BURGER KING	10123 N WOLFE RD FC5
31	CAFE ROCOCO @ CAMPUS CENTER	21250 STEVENS CREEK BL
32	CAFFE MACS	1 INFINITE LP, MS47-EHS
33	CARL'S JR #7024	20680 HOMESTEAD RD
34	CFARM MKT-CO-CUPERTINO OAKS	STEVENS CREEK & MARY AV
35	CFARM MKT-CS-CUPERTINO SQUARE	WOLFE RD
36	CHATEAU CUPERTINO	10150 TORRE AV
37	CHEVRON STATION APSI #1543	11010 NORTH DE ANZA BOULEVARD
38	CHUCK E CHEESE	19805 STEVENS CREEK BI
39	CHUNG CHOU CITY	10959 N WOLFE RD
40	CHUNG HSIN HERBS	10925 N WOLFE RD
41	CINNABON CUPERTINO SQUARE	10123 N WOLFE RD
42	COACH HOUSE WINE & LIQUORS	1655 S DE ANZA BL
43	COFFEE BAR @ DE ANZA 7	10431 N DE ANZA BL

44	COFFEE SOCIETY	10800 TORRE AV #100
45	COFFEE SOCIETY	21265 STEVENS CREEK BL 202
46	COLD STONE CREAMERY	10123 N WOLFE RD 2020
47	COURTYARD BY MARRIOTT	10605 N WOLFE RD
48	CUPERTINO BEACON	22510 STEVENS CREEK BL
49	CUPERTINO HIGH SCHOOL	10100 FINCH AV
50	CUPERTINO INDIAN	10251 S DE ANZA BL
51	CUPERTINO INN	10889 N DE ANZA BL
52	CUPERTINO LIQUORS	7335 BOLLINGER RD F
53	CUPERTINO SENIOR CENTER	21251 STEVENS CREEK BL
54	CUPERTINO SMOG & AUTO REPAIR	10625 N DE ANZA BL
55	CUPERTINO SQUARE	10123 N WOLFE RD
56	CUPERTINO UNION 76	21530 STEVENS CREEK BL
57	CUPERTINO VALERO	10002 N DE ANZA BL
58	CVS/PHARMACY #9894	1 CVS DR 23062A
59	DAISO JAPAN CUPERTINO STORE	19750 STEVENS CREEK BL
60	DE ANZA 2-EXPRESSO KIOSK	10201 DE ANZA BL
61	DE ANZA 3	10500 N DE ANZA BL
62	DE ANZA 6	10355 N DE ANZA BL
63	DE ANZA COLLEGE	21250 STEVENS CREEK BL
64	DE ANZA COLLEGE-LE CAFE	21250 STEVENS CREEK BL
65	DE ANZA SHELL FOOD MART	20999 STEVENS CREEK BL
66	DONUT WHEEL	10250 N DE ANZA BL
67	DUKE OF EDINBURGH	10801 N WOLFE RD
68	DYNASTY SEAFOOD RESTAURANT	10123 N WOLFE RD #1688
69	EATON SCHOOL-CAFETERIA	20220 SUISUN DRIVE
70	ELEPHANT BAR	19780 STEVENS CREEK BL
71	ERIK'S DELI CAFE	19652 STEVENS CREEK BL
72	ESTAMPAS CAFE	10631 S FOOTHILL BL
73	FALAFEL ON THE ROW	19725 STEVENS CREEK BL
74	FANTASIA COFFEE & TEA	10933 N WOLFE RD
75	FARIA ELEMENTARY SCHOOL	10155 BARBARA LANE
76	FATIMA RESTAURANT	10125 BANDLEY DR
77	FONTANA'S	20840 STEVENS CREEK BL
78	FORUM RETIREMENT COMMUNITY	23500 CRISTO REY DR
79	FRESH CHOICE	10123 N WOLFE RD 2104
80	FUSION AFTER SCHOOL @ GOOD SHEPHERD	940 S STELLING RD
81	FUSION KOREA	20956 HOMESTEAD RD A1
82	GARDEN GATE SCHOOL	10500 ANN ARBOR AVENUE
83	GENERAL NUTRITION CENTER #576	10123 N WOLFE RD #2134
84	GOCHI JAPANESE FUSION TAPAS	19980 HOMESTEAD RD
85	GOKAKU RESTAURANT	10789 S BLANEY AVE
86	GOOD SHEPHERD CHRISTIAN CHURCH	940 S STELLING
87	GRAIN D'OR	10123 N WOLFE RD 2011

88	GUAN DONG HOUSE	10851 N WOLFE RD
89	GUMBA'S	21678 STEVENS CREEK BL
90	GYU-KAKU RESTAURANT	19620 STEVENS CREEK BL 150
91	HARUMI SUSHI	19754 STEVENS CREEK BL
92	HILTON GARDEN INN-CUPERTINO	10741 N WOLFE RD
93	HOBEE'S DE ANZA	21267 STEVENS CREEK BL 310
94	HOMESTEAD CAFE - HS1	18880 HOMESTEAD RD
95	HOMESTEAD FAMILY FUN CENTER	20990 HOMESTEAD RD
96	HOMESTEAD HIGH SCHOOL	21370 HOMESTEAD RD
97	HONG FU GOURMET CHINESE RESTAU	20588 STEVENS CREEK BL
98	HOUSE OF FALAFEL	19590 STEVENS CREEK BL
99	HYDE JUNIOR HIGH SCHOOL	19335 BOLLINGER ROAD
100	I LOVE BENTO	10129 S DE ANZA BL
101	I S STEW HOUSE	10271 TORRE AV
102	I SUSHI	21670 STEVENS CREEK BL
103	IKE'S LAIR	21000 STEVENS CREEK BL
104	IMAHARA'S PRODUCE	19725 STEVENS CREEK BL
105	IT'S A GRIND COFFEE HOUSE	19622 STEVENS CREEK BL
106	J & J HAWAIIAN BARBECUE	20950 STEVENS CREEK BL
107	J & J HAWAIIAN BBQ	10745 S DE ANZA BL D
108	JAMBA JUICE	21265 STEVENS CREEK BL
109	JOY LUCK PLACE	10911 N WOLFE RD
110	JUDY'S KITCHEN	10635 S FOOTHILL BL
111	KEE WAH BAKERY	10370 S DE ANZA BL
112	KENNEDY CAFETERIA	821 BUBB RD
113	KENTUCKY FRIED CHICKEN #057	10520 S DE ANZA BL
114	KIKKA - STEVENS CREEK	20955 STEVENS CREEK BL
115	KIKUSUSHI JAPANESE RESTAURANT	1655 S DE ANZA BL
116	KITSHO SUSHI	19541 RICHWOOD DR
117	KONG TOFU & BBQ	19626 STEVENS CREEK BL
118	KOREA TOFU HOUSE	10885 N WOLFE RD
119	L.P. COLLINS ELEMENTARY SCHOOL	10300 N BLANEY AV
120	LA PATISSERIE	19758 STEVENS CREEK BL
121	LAWSON MIDDLE SCHOOL	10401 VISTA DRIVE
122	LE BOULANGER	20488 STEVENS CREEK BL
123	LEE'S SANDWICHES	20363 STEVENS CREEK BL
124	L'EPI D'OR BAKERY	19675 STEVENS CREEK BL
125	LIANG'S KITCHEN CUISINE	19772 STEVENS CREEK BL
126	LINCOLN ELEMENTARY SCHOOL	21710 MC CLELLAN ROAD
127	LITTLE CAFFE MAC	1 INFINITE LP
128	LITTLE SHEEP MONGOLIAN HOTPOT	19062 STEVENS CREEK BL
129	LUDLOW	21265 STEVENS CREEK BL #205
130	MANDARIN GOURMET	10145 N DE ANZA BL
131	MANLEY'S DONUTS	10991 N DE ANZA BL #B

132	MARINA FOOD II	10122 BANDLEY DR
133	MARUKAI MARKET	19750 STEVENS CREEK BL
134	MCDONALD'S	10990 N STELLING RD
135	MCHART'S PIZZA & GRILL	19732 STEVENS CREEK BL
136	MERLION MARKET PLACE	19628 STEVENS CREEK BL
137	MICHAEL'S	20640 HOMESTEAD RD
138	MICHELLE'S PANCAKE HOUSE	19060 STEVENS CREEK BL
139	MONTA VISTA HIGH SCHOOL	21840 MC CLELLAN RD
140	MRS FIELDS COOKIES	10123 N WOLFE RD
141	NOAH'S NEW YORK BAGELS #2146	20520 STEVENS CREEK BOULEVARD
142	NOODLE FUN RESTAURANT	10123 N WOLFE RD #FC7
143	NUTRITION RESTAURANT	10935 NORTH WOLFE ROAD
144	OAKMONT PRODUCE MARKET	19944 HOMESTEAD RD
145	OLARN THAI CUISINE	19672 STEVENS CREEK BL
146	ONE POT SHABU SHABU	19648 STEVENS CREEK BL
147	ORANGE TREE	21267 STEVENS CREEK BL #313
148	OUTBACK STEAKHOUSE	20630 VALLEY GREEN DR
149	PANDA EXPRESS	21000 STEVENS CREEK BL
150	PANERA BREAD	20807 STEVENS CREEK BL
151	PARK PLACE RESTAURANT	10030 S DE ANZA BL
152	PASHA'S MARKET	19082 STEVENS CREEK BL
153	PAUL & EDDIES MONTA VISTA INN	21619 STEVENS CREEK BL
154	PEET'S COFFEE & TEA	20807 STEVENS CREEK BL
155	PEET'S COFFEE & TEA	22350 HOMESTEAD RD
156	PHO - LICIOUS	21271 STEVENS CREEK BL
157	PHO MINH	10118 BANDLEY DR #H
158	PIZZA HUT #281101	20770 STEVENS CREEK BOULEVARD
159	PIZZA MY HEART	20530 STEVENS CREEK BL
160	POTSTICKER KING	19634 STEVENS CREEK BL
161	PRETZEL TIME	10123 N WOLFE RD 2056
162	Q MART	10041 N BLANEY AV
163	Q-CUP	10963 N WOLFE RD
164	QUICKLY	21265 STEVENS CREEK BL
165	QUICKLY	10123 N WOLFE RD #2119
166	QUICKLY	10887 N WOLFE RD
167	QUICKLY AT HOMESTEAD	20916 HOMESTEAD RD #F
168	QUIZNO'S	20672 HOMESTEAD RD
169	QUIZNO'S SUB	19959 STEVENS CREEK BL
170	RANCHO RINCONADA CLUB HOUSE	18000 CHELMSFORD DR
171	RC 01 CAFE	10435 N TANTAU AV
172	RED HOT WOK	10074 E ESTATES AV
173	REGNART ELEMENTARY SCHOOL	1170 YORKSHIRE DRIVE
174	RIO ADOBE	10525 S DE ANZA BL
175	RITE AID #5967	PO BOX 3165

176	ROASTED COFFEE BEAN	19110 STEVENS CREEK BL
177	SEDGWICK SCHOOL	19200 PHIL LANE
178	SHAN RESTAURANT	20030 STEVENS CREEK BL
179	SHANGHAI DIM SIM	19066 STEVENS CREEK BL
180	SHANGHAI GARDEN RESTAURANT	20956 HOMESTEAD RD A
181	SHANGHAI RESTAURANT	10877 N WOLFE RD
182	SHENG KEE BAKERY	10961 N WOLFE RD
183	SHENG KEE BAKERY	10122 BANDLEY DRIVE
184	SHUN TIAN HERBS	10787 S BLANEY AVE
185	SIMPLY THAI	21267 STEVENS CREEK BL 340
186	SITAR EXPRESS INDIAN CUISINE	21267 STEVENS CREEK BL
187	SK NOODLE	20735 STEVENS CREEK BL A
188	SMOKE EATERS	10650 S DE ANZA BL
189	SODEXO AMERICA LLC @ HP	19091 PRUNERIDGE AV
190	SODEXO AMERICA LLC @ HP PEPPERTREE	19091 PRUNERIDGE AV
191	SOUTHLAND FLAVOR CAFE	10825 N WOLFE RD
192	ST ANDREW ARMENIAN CHURCH	11370 S STELLING ROAD
193	ST JOSEPH CUPERTINO CHURCH	10110 N DE ANZA BL
194	STARBUCKS COFFEE #10885	22390 HOMESTEAD ROAD
195	STARBUCKS COFFEE #5217	20520 STEVENS CREEK BL #A
196	STARBUCKS COFFEE #5662	11111 N WOLFE RD #C
197	STEVENS CREEK ELEMENTARY SCHOOL	10300 AINSWORTH DR
198	STEVENS CREEK MARKET & LIQUOR	10629 S FOOTHILL BL
199	STRIKE CUPERTINO	10123 N WOLFE RD
200	SUBWAY #17377	19110 STEVENS CREEK BL
201	SUBWAY #35532	10123 N WOLFE RD FC-1
202	SUBWAY SANDWICH #41149	21682 STEVENS CREEK BL
203	SUBWAY SANDWICHES #42133	19998 HOMESTEAD RD #C
204	SUBWAY SANDWICHES & SALAD	20916 HOMESTEAD RD E
205	SUBWAY SANDWICHES & SALADS	495 TARTER CT
206	SURF CITY SQUEEZE	10123 N WOLFE RD K-7
207	SUSHI HANA	19068 STEVENS CREEK BL
208	SUSHI KUNI	10211 S DE ANZA BL
209	SWEET PASSIONS BAKERY	20700 STEVENS CREEK BLVD
210	SZECHUAN ERA	10971 N WOLFE ROAD
211	T G I FRIDAYS	10343 N WOLFE RD
212	TACO BELL #4606	10710 DE ANZA BL
213	TANTAU 1-TA01	10300 N TANTAU
214	TAPIOCA EXPRESS	10118 BANDLEY DR #G
215	TARGET STORE #323	20745 STEVENS CREEK BL
216	TATAMI BUFFET	10123 N WOLFE RD #2001
217	TEN REN TEA	10881 N WOLFE RD
218	TERIYAKI EXPERIENCE	10123 N WOLFE RD
219	THAI DELIGHT	20916 HOMESTEAD RD A

220	THE RED CRANE	7335 BOLLINGER RD C
221	TOGO'S CUPERTINO	21267 STEVENS CREEK BL STE #314
222	TONG DUMPLING	10869 N WOLFE RD
223	TUTTI FRUTTI FROZEN YOGURT	10123 N WOLFE RD #16
224	UNA MAS MEXICAN GRILL@DEANZA	21250 STEVENS CREEK BL
225	VALLCO 76 SERVICE	19550 STEVENS CREEK BL
226	VALLEY GREEN SIX (VG6)	20705 VALLEY GREEN DR
227	VENUS TAM'S CAFE	20956 HOMESTEAD RD #G
228	VERDE TEA CAFE	19620 STEVENS CREEK BL
229	VIKHAR VALERO	1699 S DE ANZA BL
230	VILLAGE FALAFEL	20010 STEVENS CREEK BL
231	VIVI'S	21731 STEVENS CREEK BOULEVARD
232	VPI	19191 VALLCO PY
233	WALGREENS #4416	1905 ASTON AVE
234	WHOLE FOODS MARKET	20955 STEVENS CREEK BL
235	WINGSTOP	19620 STEVENS CREEK BL 190
236	YANG BBQ	10831 N WOLFE RD
237	YIASSOO #2	10660 S DE ANZA BL
238	YOSHIDA	10700 S DE ANZA BL
239	YOSHINOYA RESTAURANT #2125	19825 STEVENS CREEK BL

**3. C.4.b.iii.(2): Industrial/Commercial Facilities Scheduled for Inspection in FY 12-13  
(excluding food facilities)**

	Business Name	Business Address	Business Type
1	A Perfect Tan	19949 Stevens Creek Blvd	Tanning Salon
2	Aaron Brothers	20600 Stevens Creek Blvd	Retail
3	Advantage Grafix	10161 S De Anza Blvd	Printing Service
4	Ae Biofuels, Inc.	20400 Stevens Creek Blvd Ste 700	Manufacturer
5	Aeroflex High Speed Test Solutions	10411 Bubb Rd	Manufacturer
6	Apple Computer Inc (E-Waste Collection)	10300 Bubb Rd	Marketing
7	Chevron Usa Inc 95700	11010 N De Anza Blvd Ste 5700	Automotive
8	China Visa Service	10525 S De Anza Blvd Ste 205	Photography
9	Cupertino Animal Hospital	10026 Peninsula Ave	Animal Care
10	Cupertino Custom Cabinetry	10121 Imperial Avenue Ste D	Other
11	Cupertino Health Care & Wellness	22590 Voss Avenue	Hospital
12	De Anza Auto Repair	11025 North De Anza Blvd	Automotive
13	Dry Clean Pro	20379 Stevens Creek Blvd	Automotive
14	Hitachi Chemical Co America Ltd	10080 N Wolfe Rd Ste Sw3-200	Sales
15	Ice Center Enterprises	10123 N Wolfe Rd	Skating Rink
16	JC Penney	10123 N Wolfe Rd	Retail
17	Jiffy Lube	19480 Stevens Creek Blvd	Automotive
18	Kwik-Kopy Dayton Printing	10675 S De Anza Blvd Ste 1	Printing Service
19	Murasaki Home Furnishings, Inc.	10525 S De Anza Blvd Ste 145	Furniture
20	Pier 1 Imports	20610 Stevens Creek Blvd	Retail

21	Scandinavian Designs	19900 Stevens Creek Blvd	Furniture
22	Senne Company	19925 Stevens Creek Blvd Ste 114	Manufacturer
23	Summer Winds Garden Centers	1491 S De Anza Blvd	Retail-Gardening
24	Supreme Dog & Cat Grooming	21686 Stevens Creek Blvd	Animal Care
25	Target	20745 Stevens Creek Blvd	Retail
26	Tom Brown House Of Miracles	12680 Lomita Avenue	Automotive
27	Vikhar Valero Smog	1699 South De Anza Blvd	Automotive

**4. C.4.b.iii.(2): Food Facilities and Other Facilities of Concern Scheduled for Targeted Inspection in FY 12-13 (Some listed as high priority due to previous violations)**

1	99 Ranch Market	10983 N.Wolfe Road	Food Facility
2	Alexander's Steak House	10330 North Wolfe Rd	Food Facility
3	Azuma Japanese Cuisine *	19645 Stevens Creek Blvd	Food Facility
4	Beard Papa's*	19748 Stevens Creek Blvd	Food Facility
5	Benihana Of Tokyo	10123 N Wolfe Rd Ste 2074	Food Facility
6	BJ's Restaurant	10690 N De Anza Blvd	Food Facility
7	Café Ophelia Cupertino	10118 Bandlely Drive #H	Food Facility
8	Chili's	20060 Stevens Creek Blvd	Food Facility
9	Cupertino Village	Wolfe Rd & Homestead Rd	Food Facility
10	Donut Wheel	10250 N De Anza Blvd	Food Facility
11	Duke of Edinburgh	10801 N. Wolfe Road	Food Facility
12	Dynasty Restaurant	10123 N Wolfe Rd	Food Facility
13	Elephant Bar	19780 Stevens Creek Blvd	Food Facility
14	Fantasia Coffee*	10933 N. Wolfe Road	Food Facility
15	Fontana's Italian Restaurant	20840 Stevens Creek Blvd	Food Facility
16	Guan Dong House*	10851 N. Wolfe Road	Food Facility
17	Hobee's	21267 Stevens Creek Blvd	Food Facility
18	Hong Fu: Chinese Cuisine	20588 Stevens Creek Blvd	Food Facility
19	House of Falafel	19590 Stevens Creek Blvd	Food Facility
20	Hu-Chiang Dumpling House*	10271 N. Wolfe Road	Food Facility
21	Imahara Produce	19725 Stevens Creek Blvd.	Food Facility
22	It's a Grind Coffee House	19622 Stevens Creek Blvd	Food Facility
23	J & J Hawaiian Barbeque	20950 Stevens Creek Blvd	Food Facility
24	Jack in Box	1451 S. De Anza Blvd	Food Facility
25	Jamba Juice	21265 Stevens Creek Blvd, # 2001	Food Facility
26	Korea Tofu House*	10885 N. Wolfe Road	Food Facility
27	Kumud Grocery	10255 S. De Anza Blvd	Food Facility
28	M & M Food Market	10021 S Blaney Ave	Food Facility
29	Marina Food	10122 Bandlely Drive	Food Facility
30	Marion Restaurant	19628 Stevens Creek Blvd	Food Facility
31	Marukai Market	19750 Stevens Creek Blvd	Food Facility
32	Panda Express	21000 Stevens Creek Blvd	Food Facility
33	Peacock Indian Restaurant*	10251 S. De Anza Blvd	Food Facility

34	Shan Restaurant	20300 Stevens Creek Blvd	Food Facility
35	Shanghai Garden*	20956 Homestead Road	Food Facility
36	Wingstop*	19620 Stevens Creek Blvd #190	Food Facility
37	99 Ranch Market (New)*	10425 S De Anza Blvd	Food Facility

\* Added to Inspection List for FY 12-13

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

**Program Highlights**

Provide background information, highlights, trends, etc.

**Ordinance Revision:** To comply with the MRP and in response to feedback from Cupertino Building Inspectors, the City’s Watershed Protection Ordinance, Chapter 9.18 of the Municipal Code, was extensively revised, effective 1/17/12. Provisions related to the IDDE Program allow greater authority to enforce prohibited and threatened stormwater discharges and a strengthened City administrative citation process. The Watershed Protection Ordinance may be viewed at [http://www.amlegal.com/nxt/gateway.dll/California/cupertino/cityofcupertinocaliforniamunicipalcode?f=templates\\$fn=default.htm\\$3.0\\$vid=amlegal/cupertino\\_ca](http://www.amlegal.com/nxt/gateway.dll/California/cupertino/cityofcupertinocaliforniamunicipalcode?f=templates$fn=default.htm$3.0$vid=amlegal/cupertino_ca)

**Staff Training**

On 11/22/11, the City’s Environmental Programs Manager held a training session covering anticipated revisions to the Watershed Protection Ordinance related to the IDDE and Construction Inspection programs. Four Building Inspectors and the IDDE Inspector attended the training.

All four of the City’s Code Enforcement Officers attended SCVURPPP’s Annual IND/IDDE Training on 5/23/12. After two years of focused training, Code Enforcement Officers provide the City with additional IDDE inspection, response, and enforcement.

**IDDE Task Group Participation**

Cupertino staff regularly participated in the SCVURPPP IND/IDDE Ad Hoc Task Group. City staff reviewed and commented on AHTG products such as the new Mobile Cleaner Brochure which was finalized in May 2012. See the C.5 Illicit Discharge Detection and Elimination section of the SCVURPPP FY 11-12 Annual Report for description of activities at the countywide or regional level.

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

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

Contact	Description	Phone Number
Santa Clara County Fire Department	Hazardous and/or unknown substance response and/or discharge to storm drain	911
Public Works Department	Inspectors respond to hazardous and non-hazardous spills as needed.	408-777-3269; 408-777-3354
Code Enforcement	Code Enforcement officers respond to spills as needed to aid in controlling scene and/or providing enforcement.	408-777-3182
County Communications Dispatch	After-hours contact to notify County Fire, on-call Public Works personnel and/or Code Enforcement officers, depending on the incident type.	408-299-2507

**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.

In addition to conducting annual City-wide surveillance to identify illicit discharges, the City's IDDE Inspector receives complaints through the IDDE reporting program from the general public, other City departments, and outside agencies.

The IDDE Inspector is trained on the BMPs for mobile businesses developed by the BASMAA Mobile Surface Cleaners regional program. A handout on BASMAA storm drain protection BMPs is distributed by the IDDE inspector to mobile business employees whenever they are observed working in Cupertino without employing the required BMPs. When a mobile business is found in violation of the City's Watershed Protection Ordinance, the Inspector requires immediate resolution and documents the enforcement proceedings as outlined in the City's IDDE ERP. To ensure prompt resolution and proper cleanup, the property owner of the site where a mobile business works is held responsible for the violations of mobile business staff while they are working on the owner's property. The City notifies the property owner (not only the business owner leasing the property) to explain the property owner is ultimately responsible for the actions of persons leasing or working on their property.

At least once during FY11-12, communication with the property owner resulted in quick compliance with a mobile business contractor. Notices of violation are also issued to the mobile business owner or manager. Communication (e.g. by phone, email, or face-to-face meeting) with the property owner and with the mobile business owner serve to encourage Cupertino property owners to hire responsible contractors and incentivizes mobile businesses to apply the required BMPs to ensure future business in Cupertino.

Please see the C.5 Illicit Discharge Detection and Elimination section of the SCVURPPP FY 11-12 Annual Report for a description of additional efforts by countywide committees/work groups 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.

Cupertino's collection system screening sites were strategically selected from a storm drain map in FY 09-10 by the IDDE Inspector and the City's Public Works Associate Engineer. The sites allow the City to monitor structures downstream of commercial areas and outfalls at each of the City's three largest creek stretches (Stevens, Calabazas and Regnart). City GIS staff used "City Works", a storm drain infrastructure work order system for tracking maintenance, to provide Public Works staff with a map that highlights the collection system screening points. See attached GIS Map identifying the locations of Cupertino's outfall screening inspections.

In FY 11-12, ten of the twelve checkpoints in the Cupertino Collection Screening Program were clean and showed no indication of problems. There were four checkpoints that had initial indications of concern. In FY 11-12 staff identified two sites that need attention. One outfall, SWST 1720, was filled with sediment and some litter. It is covered by a locked grate. Staff returned to the outfall on 10/14/2011 to remove roots, sediment and litter. The outfall was completely cleaned. Outfall SWST 2234 is bent at the end of the pipe. It does not have any other noticeable signs of problems. In the previous year a piece of cloth was caught on the end of the pipe and in FY 11-12 a Styrofoam container and a plastic bag were caught in the same place. Staff took photos of all sites and picked up any litter that was reachable.

Outfall Structure ID	Location of Outfall or Structure	Outfall Structure ID	Receiving Water Body	Insp Date; Rain < 3 weeks?	Standing Water? Description of Flow	List observed trash; odor; color; turbidity; oil sheen; sediment/debris?	Corrective Action required?	Inspector Notes
SWST 46	Outfall at Homestead Rd– under bridge; nearest cross street is Swallow Way	SWST 46	Calabazas Creek	9-20-11; No	Yes, steady flow; ½ "	None detected. 2 torn plastic bags	No	Water running continuously from a well; No illicit discharge or indications of problems
SWST 4840	Outfall at Homestead Rd on same side of Calabazas Creek but further down from SWST 46 under bridge near Swallow Way	SWST 4840	Calabazas Creek	9-20-11; No	Yes; steady flow; 2"	None detected.	No	No illicit discharge or indications of problems
SWST 2349	Outfalls at Vallco Pkwy on both sides of creek flow to box culvert (access is behind SCVWD gate)	SWST 2349	Calabazas Creek	9-20-11 No	Some standing water; No flow	Odor was slightly mossy due to closed in area, no ventilation. Found Styrofoam peanut, 1 candy wrapper in water downstream.	No	No illicit discharge or indications of problems
SWST 3519	Outfall at Phar Lap behind house at 10441	SWST 3519	Stevens Creek	9-21-11 No	Very little standing water; trickle flow; 1/8"	None detected. 1 small piece of Styrofoam.	No	No illicit discharge or indications of problems
SWST 3514	Outfall near 22045 Creekside Ct off of Phar Lap ( <i>This site requires property owner's permission on property</i> )	SWST 3514	Stevens Creek	9-27-11; No	No standing water; ½ inch trickle flow	None detected	No	Drains from residential area; No illicit discharge or indications of problems

Outfall Structure ID	Location of Outfall or Structure	Outfall Structure ID	Receiving Water Body	Insp Date; Rain < 3 weeks?	Standing Water? Description of Flow	List observed trash; odor; color; turbidity; oil sheen; sediment/debris?	Corrective Action required?	Inspector Notes
SWST 1720	Outfall near 22104 Clearwood Ct. On northeast side of creek.	SWST 1720	Stevens Creek	9-21-11; No	No standing water; no flow	Evidence of plastic bags and litter buried in sediment at bottom of pipe blocked by locked rebar grate & thick vegetation.	Yes. Outfall was cleaned & vegetation pruned by crew on 10/14/11. Rechecked Dec 2011; still clean.	Vegetation and rebar grate covers outfall. Initially found large amount of sediment build-up and some litter. Cleaned out by City crew.
SWST 3536	Outfall south of Stevens Crk Blvd; next to Blackberry Farm golf course; on Blue Pheasant restaurant side of creek.	SWST 3536	Stevens Creek	9-20-11; No	No standing water; no flow	None detected. Vegetation has grown over outfall – acts like a filter	No	No illicit discharge or indications of problems
SWST 4829	Outfall north of Stevens Creek Blvd by Blue Pheasant restaurant (2 <sup>nd</sup> outfall)	SWST 4829	Stevens Creek	9-21-11; No	No standing water; trickle ¼" flow; Running water is not pulsating as in past.	None detected. Tree root in pipe.	Yes. Tree root in pipe.	No illicit discharge or indications of problems;
SWST 7633	Outfall at Bubb Rd; nearest Main is at 11257 Bubb Rd	SWST 7633	Regnart Creek	9-27-11; No	Standing water; steady ¾" flow	Low amount of sediment detected.	No	No illicit discharge at this time and the outfall was free of debris

Outfall Structure ID	Location of Outfall or Structure	Outfall Structure ID	Receiving Water Body	Insp Date; Rain < 3 weeks?	Standing Water? Description of Flow	List observed trash; odor; color; turbidity; oil sheen; sediment/debris?	Corrective Action required?	Inspector Notes
SWST 8434	Top of Regnart Rd, ¾ of a mile from road to Outfall	SWST 8434	Regnart Creek	9-21-11; No	No standing water; no flow	None detected.	No sediment	No illicit discharge.
SWST 4802	Outfall from eastbound Bollinger storm drain system to Calabazas Creek	SWST 4802	Calabazas Creek	9/20/11; No	Standing water; trickle; 1/8" flow	None detected.	No	No illicit discharge.
SWST 2234	Outfall near 10778 East Estates	SWST 2234	Calabazas Creek	9-21-11; No	No standing water; No flow	Styrofoam & food storage bags observed. No odor, color, turbidity, oil observed.	Erosion undercutting the bank of the creek. Pipe is bent where it protrudes from bank & has big gap. City resp for repair.	No illicit discharge – 2 litter items found.



### CUPERTINO STORM DRAIN SYSTEM

	CHECK POINT LOCATIONS
	STORM WATER PIPE
	STORM WATER CHANNEL
	STORM WATER BOX CULVERT
	CREEKS




0      0.25      0.5  
Miles

R:\ArcView\_Proj\InfoPublic\_Works\StormDrainData\StormDrain\_CheckpointLocations8411.mxd    Created: August 16, 2011

SANTA  
CLARA

SARATOGA

**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))	45	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	33	73%
Discharges resolved in a timely manner (C.5.f.iii.(3))	44	98%

Comments:

The City maintains an active spill and discharge complaint response program by soliciting reports and feedback from the public via articles in the City’s newsletter, the *Cupertino Scene* and the *City’s Best Management Practices* webpage under “**Take Action - Report Illicit Stormwater Discharges**” (<http://www.cupertino.org/index.aspx?page=169>). The City also has a dedicated IDDE Inspector who provides immediate response to calls. The City has several staff that provide backup to handle reports and complaints when the IDDE Inspector is out. The City’s four code enforcement officers were trained in 2011 and again in May 2012 to respond to storm drain violations. Public Works Maintenance staff and Public Works Environmental Programs staff are also available as backup if the IDDE Inspector is not available.

All reports are tracked in the City’s IDDE Excel Database. Details of each incident are documented. If a complaint is not found (e.g. if a caller thinks an illegal discharge is occurring, but the IDDE Inspector finds that effective BMPs are in use), the complaint will be tracked, but the comments will indicate that no violation occurred and no enforcement action was taken. All potential violations are met with an enforcement action; at least a verbal warning and education are given to the responsible party and the property owner. Each violation is recorded as having either reached or not reached a storm drain or water body and immediate cleanup is required to prevent all threats to the storm drainage system.

In FY11-12, one incident was not resolved in a timely manner because it involved an irrigation leak at a private home for which the source of the problem could not be readily identified. The City inspector went out several times to work with the property owner and thought that the problem had been resolved. The plumbing problem was finally pin-pointed and the repairs were made.

IDDE data was tracked in a manner consistent with MRP requirements. Cupertino has adopted the SCVURPPP-developed Excel IDDE tracking database, which includes drop-down responses that make it easy for the inspector to use, and provides the flexibility of sorting by several fields to help staff access relevant data quickly and make comparisons used to develop a strategy of continuous improvement.

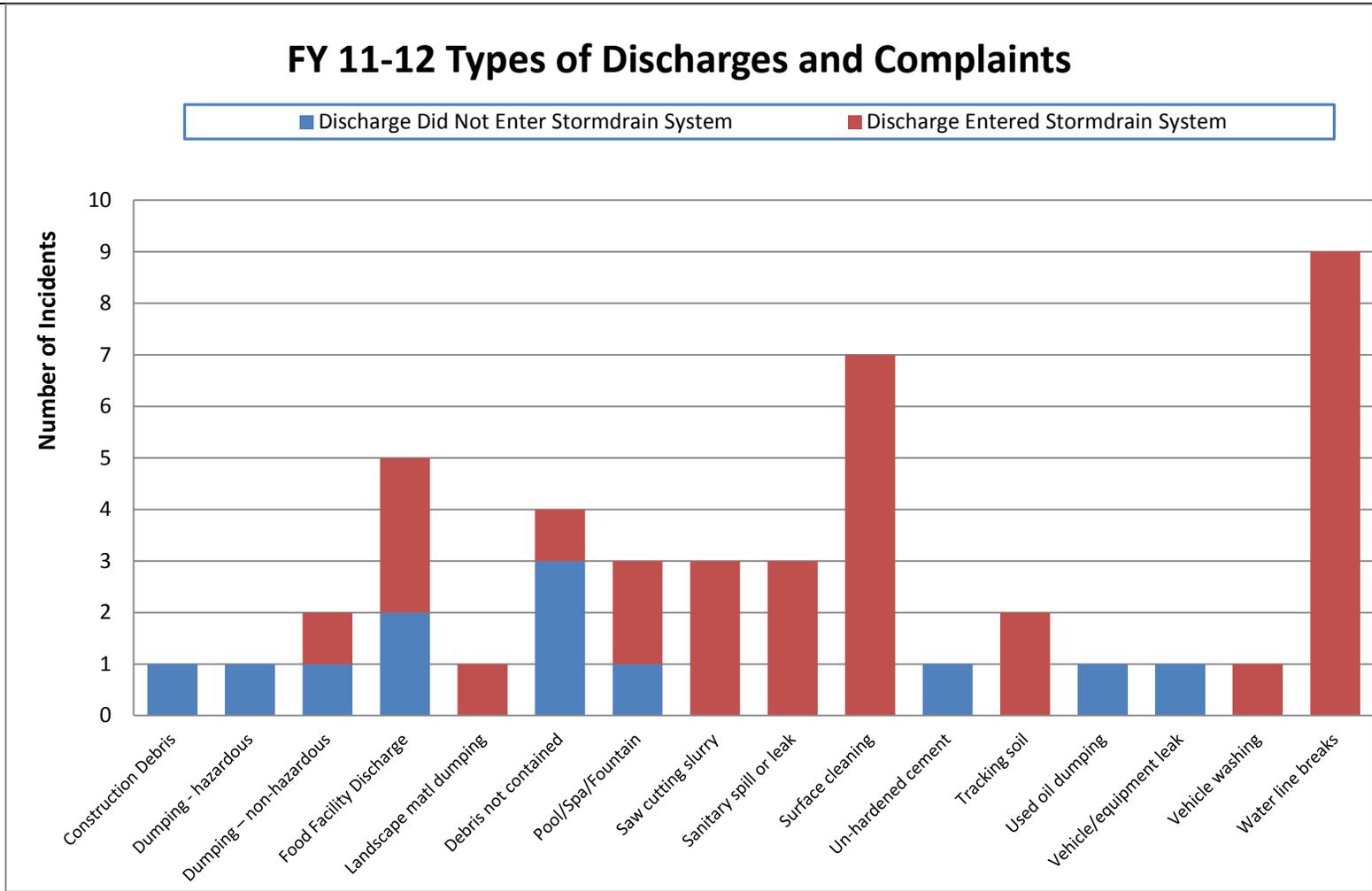
**C.5.f.iii.(4) ► Summary of major types of discharges and complaints**

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

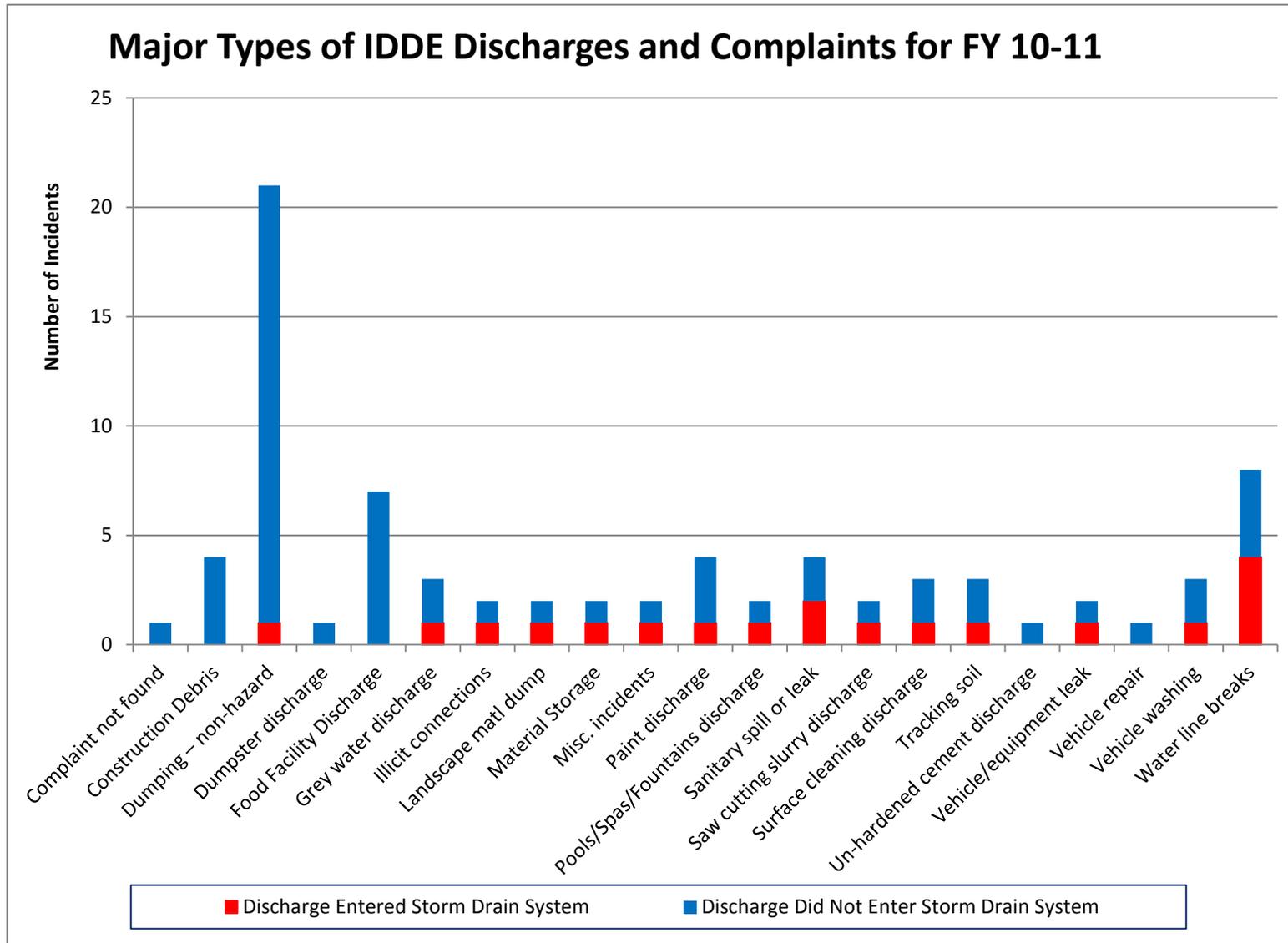
The majority of calls were attributed to water line breaks, which are the responsibility of the water purveyors. The City cannot prevent the water line breaks, but correction is required immediately. In FY 12-13 Cupertino will target housekeeping around trash enclosure areas, grease containment at food facilities and will conduct additional staff training on mobile and surface cleaning BMPs. See the table and charts below for the most frequently occurring types of discharges in FY11-12 and in the two previous years.

FY 2011-2012 Complaints of Illicit Discharges

Types of discharges and complaints	Number	Percentage
Construction Debris	1	2%
Dumping – hazardous	1	2%
Dumping – non-hazardous	2	4%
<b>Food Facility Oil &amp; grease discharge</b>	5	11%
Landscape material dumping	1	2%
<b>Litter or debris not contained</b>	4	9%
Pools/Spas/Fountains discharge	3	7%
Sanitary spill or leak	3	7%
Saw cutting slurry discharge	3	7%
<b>Surface cleaning discharge</b>	7	16%
Tracking soil	2	4%
Un-hardened cement discharge	1	2%
Used oil dumping	1	2%
Vehicle & equipment leaking	1	2%
Vehicle washing	1	2%
<b>Water line breaks</b>	9	20%
	<b>45</b>	<b>100%</b>

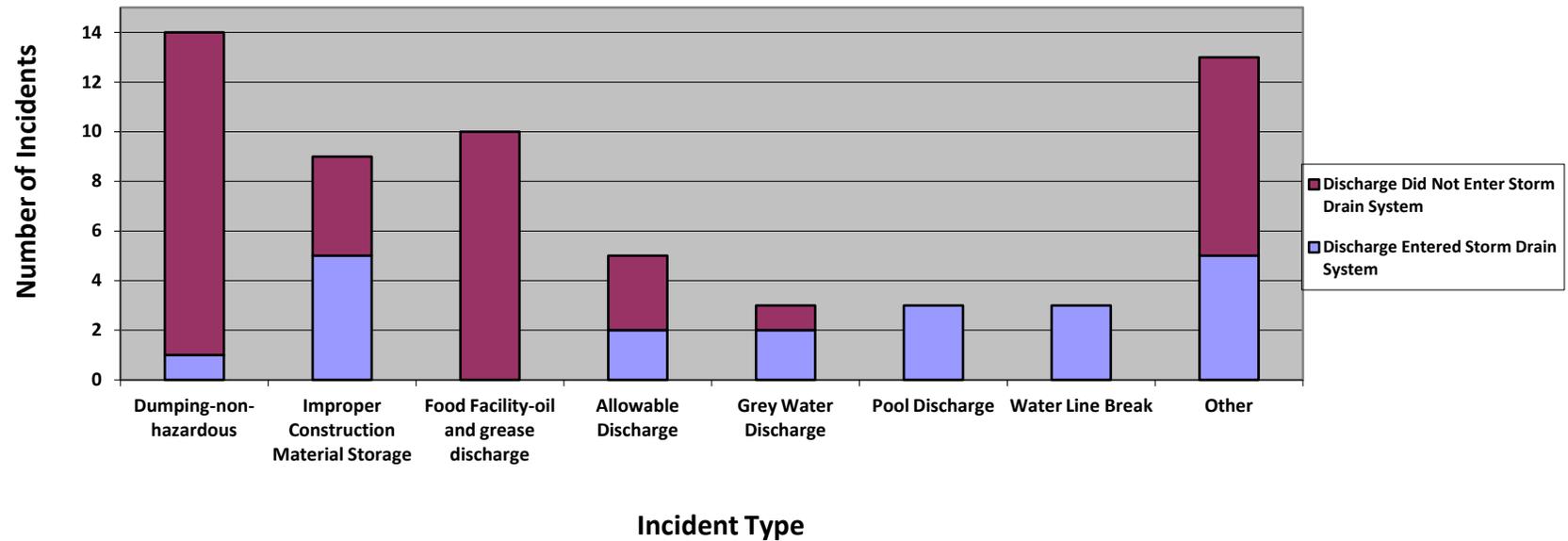


The above chart shows the breakdown of 45 responses to reports of potential and actual illicit discharges for FY 11-12.



The above chart shows the breakdown of 59 responses to reports of potential and actual illicit discharges for FY 10-11.

### Major Types of IDDE Discharges and Complaints for FY 09-10



\*Other includes:

Discharge entered Storm Drain: 2 Sanitary Spills, 1 Unhardened Cement Discharge, 1 Dumpster Discharge; 1 Accidental Spill (milk)

No Discharge to Storm Drain: 2 Surface Cleaning Discharge, 1 Dumpster Discharge, 1 Vehicle Washing, 2 Tracking Soil, 1 Landscape Material Dumping, 1 Dumping-hazardous (empty spraypaint cans)

Section 6 – Provision C.6 Construction Site Controls

<b>C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals</b>		
<b>Number of sites disturbing &lt; 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)</b>	<b>Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)</b>	<b>Total number of storm water runoff quality inspections conducted (C.6.e.iii.1.c)</b>
<b>2</b>	<b>3</b>	<b>51</b>
<p>Comments: The City inspects all C.3 or “regulated” project construction sites monthly during the rainy season. In addition to the 51 storm water inspections noted above (done by the Public Works Engineering Inspector at 5 sites), in FY 11-12, Building Inspectors conducted 17,487 inspections. The Building Inspectors are trained annually on storm water issues and timely compliance. Building Inspectors require immediate correction of problems or they refer incidents to the IDDE Inspector for further enforcement. Stormwater violations and enforcement actions referred to the IDDE Inspector by the Building Inspectors and complaint-based Public Works inspections are tracked as IDDE incidents and included in the IDDE section of the Annual Report.</p>		

<b>C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations</b>		
<b>BMP Category</b>	<b>Number of Violations<sup>41</sup></b>	<b>% of Total Violations<sup>42</sup></b>
Erosion Control	4	25%
Run-on and Run-off Control	0	0%
Sediment Control	10	62.5%
Active Treatment Systems	0	0%
Good Site Management	2	12.5%
Non Stormwater Management	0	0%
<b>Total</b>	<b>16</b>	<b>100%</b>

<sup>41</sup> Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

<sup>42</sup> 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 (as listed in ERP) <sup>43</sup>	Number Enforcement Actions Taken	% Enforcement Actions Taken <sup>44</sup>
Level 1	Verbal Warnings	3	27%
Level 2	Written Notice	8	73%
Level 3	Pre-Citation Letter or Citation with Fine	0	0%
Level 4	Stop Work Order	0	0%
<b>Total</b>		<b>11</b>	<b>100%</b>

Comments:  
Only one enforcement action is taken by the Public Works Engineering Inspector per site visit if any violations are observed during the inspection. One enforcement action may be the result of more than one problem observed at the site and each problem must be resolved as part of the correction required by each enforcement action. Five of the eleven enforcement actions referred to in the above table were the consequence of two problems observed at each of the five sites during one inspection. Six enforcement actions were the result of one problem observed at the site during one inspection.

**C.6.e.iii.1.f, g ► Illicit Discharges**

	Number
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)	0
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)	0
Comments: There were no illicit discharges observed during any of the construction site inspections in FY 11-12.	

<sup>43</sup> Agencies should list the specific enforcement actions as defined in their ERPs.

<sup>44</sup> Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<b>C.6.e.iii.1.h, i ► Violation Correction Times</b>		
	<b>Number</b>	<b>Percent</b>
<b>Violations fully corrected within 10 business days after violations are discovered</b> or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	11	100% <sup>5</sup>
<b>Violations not fully corrected within 30 days after violations are discovered</b> (C.6.e.iii.1.i)	0	0% <sup>6</sup>
<b>Total number of violations for the reporting year<sup>7</sup></b>	11	100%
<b>Comments:</b> The Public Works Inspector generally verifies compliance within 2 days or less.		

<b>C.6.e.iii.(2) ► Evaluation of Inspection Data</b>						
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).						
Description: The Public Works Engineering Inspector noted that a site may receive more than one verbal warning or written notice for the same violation category (e.g. good site management), but they are not repeated warnings for the same problem. Repeated or unresolved issues are escalated to the next enforcement level. Violations are generally corrected on the same day and before the next rain event.  The Environmental Programs Manager and the Public Works Engineering Inspector continued to work with and modify the Excel database to ensure that it includes enough information to identify areas for improvement and to note any meaningful trends. A brief comparison chart of violations from FY 11-12 and the previous two years is provided below.						
	<b>Erosion Control</b>	<b>Run-on &amp; Runoff</b>	<b>Sediment Control</b>	<b>Active Treatment</b>	<b>Good Site Management</b>	<b>Non-Stormwater Management</b>
<b>FY 11-12</b>	4	0	10	0	2	0
<b>FY 10-11</b>	3	0	14	0	19	3
<b>FY 09-10</b>	8	0	22	0	10	0

<sup>5</sup> 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.

<sup>6</sup> 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.

<sup>7</sup> 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:**

Cupertino's Construction Site Inspection Program is conducted by the Public Works Engineering Inspector. He inspects all sites disturbing more than an acre, C.3 regulated sites, and other sites that require a SWPPP. The Public Works Engineering Inspector was certified as a Qualified SWPPP Practitioner during the previous fiscal year on the 2<sup>nd</sup> – the 4<sup>th</sup> of February 2011. The City's Construction Site Inspection program is further strengthened by the Building Department Inspectors who have received training on stormwater issues and require compliance during routine inspections (17,487 inspections were conducted by building inspectors in FY11-12). The City's IDDE Inspector also provides enforcement at construction sites, having received annual construction site inspection training since the adoption of the MRP. For the most part, contractors working in Cupertino fixed problems within a few hours or by the next day. Sediment control remains the most problematic category and will be the Public Works Inspector's primary focus during pre-rainy season meetings and at construction sites in the next fiscal year. In keeping with the City's no-litter goal, good site management violations were enforced at two sites where litter or trash was not contained during an inspection.

A change in Cupertino's construction site inspection program that would emphasize the importance of maintaining a site that is in compliance with permit requirements will be discussed and decided prior to the rainy season in FY 12-13. Public Works new \$100 re-inspection fee, which was adopted for commercial site inspections during the FY 12-13 budget approval, was set up to reimburse the City for re-inspections and to share the burden of inspection costs with businesses that are in violation of MRP requirements. The first pro-active inspection is free, but each re-inspection will cost the property owner \$100. If it is determined that this fee will apply to construction sites, the Public Works Engineering Inspector will meet with each construction site manager before the rainy season to explain the fee and remind them of actions or non-actions (stormwater violations) that would result in the need for a timely follow-up inspection.

Cupertino's Environmental Programs Manager is a participant in the SCVURPPP Construction Inspection ad hoc task group and informs the Public Works Engineering Inspector about discussions and outcomes that are relevant to the City. See the C.6 Construction Site Control section of the SCVURPPP FY 11-12 Annual Report for a description of activities at the countywide and regional level.

**C.6.f ► Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Stormwater Workshop for Construction Site Inspectors	Feb 7, 2012	MRP Requirements for Inspection of Construction Sites Key Requirements of the Construction General Permit Overview of Construction BMPs Examples of Enforcement Experiences Construction Site Compliance Exercise How MRP Requirements Differ from State	7 (including four Building Inspectors and the IDDE Inspector)	100

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

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Description:

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		Permit Requirements Post Construction Module: Inspecting Construction of Stormwater Treatment and HM Measures Treatment Measure Inspection Exercise		

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:

The following separate reports developed by SCVURPPP summarize countywide advertising efforts conducted during FY 11-12: These reports are included within the C.7 Public Information and Outreach section of SVCURPPP's FY 11-12 Annual Report.

C.7.b.ii.1 Advertising Campaign

- FY 11-12 Watershed Watch Campaign Annual Campaign Report
- FY 11-12 Watershed Watch Partner Report
- FY 11-12 Watershed Watch Web Statistics Report
- FY 11-12 BASMAA Be the Street Youth Litter Outreach Campaign Report

Program Campaigns are as follows:

- Litter/TV – Litter Advertising
- Litter messages “Litter is Water Pollution” (KARMA message)
- Mercury / HHW
- KNTV Class Action Segments
- WW Display at Happy Hallow Park & Zoo
- Radio Tips - Tips on IPM, promoting Green Gardener classes, hiring a Green Gardener, Coastal Cleanup Day, World Water Monitoring day participation, fall outdoor clean-up, preventing litter, selecting an environmentally friendly (IPM trained) pest control professional, car care professional, car care, car wash events, and pool/spa draining.
- Web Ads - “Solution to Water Pollution”

- Car Wash Radio and Web Ads & Discount Cards
- Green Gardener Class Radio Ad - Green Gardener Classes –Cupertino advertised the Green Gardener Classes on the City's website, and in Cupertino Scene articles.
- Web/Online Ads
- Facebook-Fan-Web Ads
- IPM Advertising- "Watch Out for Pesticides" radio ads promoting the use of IPM practices & Green Gardener Program
- Happy Hollow Park and Zoo signage
- Be the Street Campaign
- Google Earth Watershed Grant Project
- Yamagami's Nursery and Jiffy Lube, and development of six new partnerships.

The City of Cupertino continues to participate in the WEO Ad Hoc Task Group and assist with ongoing implementation of Watershed Education and Outreach Campaign, including campaign development and staff support for special projects. Cupertino's Environmental Programs Assistant is the Co-Chair of this Committee. Cupertino's Environmental staff provides personal evaluation of WEO projects, and supports funding campaigns for programs at Alviso Ed Center, ZunZun water education performances in local schools, and Our Water Our World IPM Store Partnership.

As part of the City's Auto Pollution Campaign, an Auto Pollution display was available for viewing from 11/15/11 – 12/6/11 at Cupertino's popular Quinlan Community Center. Outreach information on water pollution prevention for vehicles included "Cars Pollute Water Too" and "Keeping it All in Tune," and literature explaining impacts of copper pollution from brake pads.

Provided annual outreach training sessions with the City Arborist and Creek Education staff on how to use the Enviroscope –Watershed model, additional training for teachers, parents, and students through the creek education program.

**The City advertised the Green Gardener program in its Cupertino Scene Newsletter on September 2011, and also advertised the program's course schedule on the City's website.**

**Purchased Creek Watchers Exploring the Worlds of Creeks and Streams booklets for the 3<sup>rd</sup> grade teachers that participated in the Creek Education Program at McClellan Ranch.**

**As part of the City's Green Business program, 7 commercial kitchen sink spray nozzles were distributed to 7 Cupertino restaurants to encourage water conservation, and green business practices.**

The City collaborated in the Regional Water Steering Committee Campaign on May 21, 2012, on evaluating GeniusRocket's submittals of usable taglines. The group developed criteria's based on tagline and branding principles espoused by experts; the Working Group used sample taglines to test the criteria, and found them and the process to be viable. City staff and summer high school interns participated by providing comments and voting on the taglines for the Be the Street campaign.

A separate report developed by BASMAA summarizes the activities of the Regional Youth Litter Campaign

- BASMAA Youth Litter Campaign Report.

**C.7.b.iii.1 ▶ Pre-Campaign Survey**

Through SCVURPPP and BASMAA Cupertino continued to develop public outreach campaigns targeting litter/trash load reduction in FY 2011-2012. The City conducted a litter-focused survey at its Earth Day Festival on April 21, 2012 and received 306 responses. Survey respondents were provided a free reusable bag and additional anti-litter messaging.

	Survey report attached
X	Reference to regional submittal: SCVURPPP's FY 11-12 Annual Report

**C.7.c ▶ Media Relations**

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

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

Summary:

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 11-12:

- BASMAA Media Relations Final Report FY 11-12

This report and any other media relations efforts conducted countywide is included within the C.7 Public Information and Outreach section of SCVURPPP's FY 11-12 Annual Report.

**Cupertino Summary: (Local Cupertino Media Activity)**

Broadcast runs for environmental PSAs and programs on The City Channel and Radio Cupertino

**TELEVISION SPOTS through City Channel 26 and AT&T U-Verse-Channel 99**

**These media spots were aired from July 1, 2011 – June 30, 2012 (Dates below are when videos were created)**

- Santa Clara County Watershed PSA – five times weekly (average)
- Santa Clara County Home Energy Upgrade PSA (Acterra) (60 seconds) – 5 times weekly
- Give an Experience PSA – five times weekly (between Thanksgiving and New Years only)
- PSA – Save the Bay (Plastic Bag Pollution) (airs four times a week)
- Earth Day 2009 Spot – Acterra (airs once a week)
- Earth Day 2009 Spot – Department of Environmental Health (airs once a week)
- Earth Day 2009 Spot – Heifer (airs once a week)
- Earth Day 2009 Spot – Lawson Middle School E-Club (airs once a week)
- Earth Day 2009 Spot – Permanente (airs once a week)
- Earth Day 2010 Spot – Environmental Services (Non-Point Source Pollution) (airs three times a week)
- Earth Day 2010 Spot – McClellan Ranch Nature Programs (airs three times a week)

Earth Day 2010 Spot – SCVWD (airs three times a week)  
Earth Day 2010 Spot – WV Greenleaf (airs three times a week)  
Earth Day 2010 Spot – 511.org Carpool message (airs three times a week)  
Earth Day 2011 Spot – Acterra (airs four times a week)  
Earth Day 2011 Spot – CNPS (airs four times a week)  
Earth Day 2011 Spot – Green Steaders (airs four times a week)  
Earth Day 2012 Spot – Coda: Energy Efficient Vehicles (airs five times a week)  
Earth Day 2012 Spot – McClellan Ranch Preserve Programs (airs five times a week)  
Earth Day 2012 Spot – City of Cupertino Trees Program (airs five times a week)  
Earth Day 2012 Spot – Yamagami Nursery (airs five times a week)  
Earth Day 2012 Spot – Environmental Video Games (airs five times a week)  
Energy Audit 2010 PSA (airs once a week)  
Five Cheeses Music Video – Native Plant project (airs twice a week)  
City of Cupertino Clean Energy Press Conference (7 minutes)  
(promoting the city's street light and water irrigation energy efficiency) (airs an average of once a week)

**TELEVISION PROGRAMS through the City Channel 26 and AT&T U-Verse-Channel 99**

**Green Biz requires good outdoor housekeeping and No polystyrene foam to go containers.**

GreenBiz Cupertino: Lessons Learned: Q& A with Existing Cupertino Certified Green Businesses (30 min.) - airs an average of once a week

GreenBiz Cupertino : Program History, Goals, and Specifics (20 min.) - airs an average of once a week

GreenBiz Cupertino: Santa Clara Valley Water District: Audits & Rebates (15 min.) - airs an average of once a week

GreenBiz Cupertino: Recology: New Cupertino Waste Management and Resource Recovery Services (14 min.) - airs an average of once a week

GreenBiz Cupertino: Participant Feedback: Strategies to Expand Program Participation (11 min.) - airs an average of once a week

**Cupertino assisted in the planning and hosted the February 23, 2011, Plastic Pollution Prevention Summit of approximately 130 attendees from several other local municipalities and environmental organizations. The City's IT department videoed this event, which included presentations on plastic litter issues and information on implementing local bans on plastic bags. Video's are as follows:**

Cupertino's Environmental Programs Assistant is the Co-Chair of the Watershed Education and Outreach Ad Hoc Group

Plastic Pollution Prevention Summit: Introduction/Understanding and Responding to Industry Claims about Plastic Bans (40 min.) - airs an average of once a week

Plastic Pollution Prevention Summit: Sources, Impacts and Magnitude of the Problem (55 min.) - airs an average of once a week

Plastic Pollution Prevention Summit: How to Advocate for a Plastic Bag Ordinance (25 min.) - airs an average of once a week

Plastic Pollution Prevention Summit: Key Outreach Tools for Plastic Bag Reduction (45 min.) - airs an average of once a week

Plastic Pollution Prevention Summit: Bans on Foam Plastics: Why and How (75 min.) - airs an average of once a week

Plastic Pollution Prevention Summit: EPS Alternatives (50 min.) - airs an average of once a week

Plastic Pollution Prevention Summit: Beyond Product Bans (40 min.) - airs an average of once a week

The Story of Stuff - This short, animated documentary, written and narrated by filmmaker Annie Leonard, follows the lifecycle of material goods. The film promotes sustainability and is critical of excessive consumerism. (22 min.) – airs an average of once a week

The Habitable Planet: A Systems Approach to Environmental Science – PBS Series (13 half-hour shows) This series begins with an overview of the Earth's systems--geophysical, atmospheric, oceanic, and ecosystems--as they exist independently of human influence. Following this introduction, the course explores the effect that human activities have on the different natural systems. Topics include human population growth and resource use, increasing

competition for fresh water, and climate change. Each of the 13 programs features two case studies following top scientists in the field – (airs four times a year on The City Channel).

Slow the Flow: Make Your Landscape Act Like a Sponge - This informative and entertaining film brings to life practices and projects that individuals and communities have created to steward our watersheds and slow the flow of storm water, one of the largest contributors of pollution into our waterways. (airs an average of once a month)

Working for Water - This half-hour documentary educates viewers about The California State Water Resources Control Board and the work being done by Water Board employees around the state to help keep water in California clean. (airs an average of once a month)

**RADIO SPOTS** – City of Cupertino’s AM radio station, broadcasting on the WQGH344 (Radio Cupertino) is the City of Cupertino's AM frequency of 1670 AM.

Reusable Bag PSA – three times daily (average)

Give an Experience PSA – Eliminate gift packaging (Litter) - three times daily (between Thanksgiving and New Years only)

**LOCALLY PRODUCED RADIO SPOTS (IN REGULAR ROTATION)\***

Recology Cupertino Expanded Services PSA – 25 times a day

Cupertino Green Tips (Spots 1 through 7) - 25 times a day

Fluorescent Bulb Recycling PSA – 25 times a day (airs for the entire year)

Electronic Waste Event PSAs – 25 times a day (promotes four events per year)

Cupertino Tree Protection PSA – 25 times a day

**Newsletter, newspaper articles, ads:**

Cupertino submits articles/ads to the weekly community newspaper (*Cupertino Courier*) and the City’s monthly newsletter (*Cupertino Scene*) providing information on environmental events, watershed protection tips, HHW services, air quality protection, composting and recycling programs.

**Cupertino Scene articles:**

Approx. dates and subjects for submittal to monthly newsletter (mailed to all residents and businesses):

- 7/11 & 8/11: Citywide Garage Sale is Coming, Water Conservation & Tips, Household Hazardous Waste Event, Important Contacts for Reporting Storm Drain Violations, Creek Clean Up Event.
- 09/11: Free Compost Gardening Naturally Classes in Cupertino, Want to Create A Beautiful, Healthy, Sustainable Garden & Learn to Compost Too?, Professional Green Gardener Training, Creek Clean Up Event, Need to Drain your Pool? Proper Placement of Batteries & CFL’s at Curbside, Wood burning Tips.
- 10/11: World Water Monitoring Day, Environmental Day (Drop-off Event for E-waste, U-waste, etc.), and Shredding Event; Free Backyard Compost Class; Pesticides and Water Quality, Copper in Brake Pads.
- 11/11: America Recycles Day-Almost everything can be Recycled, Reusable Shopping Bags, Are you Participating in the New Recycling Program?, Food Scrap Recycling Program, How do Cars Contribute to Bay Pollution?, Where is the Litter in Cupertino? Cooking Oil, Door-to Door Household Hazardous Waste Program, What to Do with your Old Computer. Thermometer Exchange and Drug Disposal at Senior Center
- 12/11: Recycling during the Holidays, Extra Holiday Trash, Environmental Recycling Day and Shred It event.
- 2/12: Environmental Recycling & Shred It Day, Cupertino’s New Recycling programs; Create a Beautiful, Healthy, Sustainable Garden and Learn to Compost Too.

- 3/12 Cupertino's Earth Day Event; May 19<sup>th</sup> Environmental Recycling deterrent to illegal dumping and burning documents, and Shred It Event; Create A Beautiful, Healthy, Sustainable Garden & Learn to Compost Too? May 19, Creek Clean Up Event. End Cigarette Litter or Pay the Price, Compost; Litter Problem, Pest Control Info.
- 4/12 Antilitter bin management message, Free Compost Class on May 5, Cupertino Earth Day Festival, Compost Available Again; May 19 Creek Clean Up Event; Are you participating in the City's New Recycling and Composting Services for Cupertino Residents? Used Motor Oil Proper Disposal, What to do with Your Hazardous Waste, Environmental Recycling Day & Document Shredding Event, May 19.
- 5/12: Another Environmental Recycling Day & Document Shredding Event Saturday, May 19; Creek Clean Up May 19 Event; Public Input on Environmental Impacts of Bag Ban, Help Keep Our Storm Drains and Creeks Clean, Car Washing Tips to Save the Bay.
- 6/12: Compost with Success, Help protect Cupertino's Creeks and Bay-Illegal Dumping/Discharges In or Near Storm Drains: Gardener a Green Gardener?, Compost with Success; 2012 Garage Sale Date Set.

**Evaluation:** The Scene, the City's newsletter provides an easy way for staff to inform local residents and businesses about issues of civic concern. The Scene is mailed to 26,000 postal customers – all residences and businesses in the City.

**Cupertino Courier Newspaper articles at no charge to the City:**

Learn How to Compost from Home 8/5/11  
Registration for Green Gardener Program 8/19/11  
Garage Sale coming to Cupertino 8/26/11 & 9/24/10  
Residents invited to help clean up Calabazas Creek 9/16/11  
Environmental Recycling Day 10/14/11  
Recology, City offering free drop-off recycling day(Litter, Illegal Dumping deterrents) 10/21/11  
County seeks master home composters 10/28/11  
City, Recology e-waste event arrives Jan 21 11/13/11  
Thanksgiving will Impact waste Services 11/18/11  
City/Recology Host Backyard Compost Classes 8/5/11  
City Compost Site Returns 3/16/12  
Litter 3/30/12  
Cupertino Officials discuss Potential Bag Ban 3/30/12  
Learn How to Compost at Free Workshop 4/27/12  
Mandatory Recycling 5/11/12  
Recycling Day Set for May 19 5/18/12  
Styrofoam Ban? 5/18/12  
City of Cupertino teams with Recology to offer the free drive-Through  
Residents Speak Out on Bag Ban 4/20/12

**Cupertino Courier ads:**

Cupertino Citywide Garage Sale (8/12/11, 8/18/11, 8/26/11, 9/2/11, 9/9/11, 9/16/11, 9/23/11)

S.J. Mercury articles: Articles and ads in the Mercury are usually submitted by the Program and paid for jointly by the co-permittees.

Provided notices to City employees as a reminder to use less-toxic pest control methods in their own homes, and not to use over-the-counter pesticides on the job unless they are a licensed pest control operator for the City. 8/22/11

9 Spare the Air emails were sent to City employees informing them of Spare the Air Days.

An email was sent to employees on 9/7/11 informing them of the importance of battery recycling and listed locations of battery recycling containers at City Hall, Quinlan, Senior Center, and Service Center.

**Polystyrene Foam Food Service Ware Policies:** The City adopted a policy prohibiting food vendors and City staff from purchasing and distributing polystyrene foam food and beverage ware at City-sponsored events or on City-owned property, effective October 1, 2011. Staff developed outreach flyers for City staff, facility renters, and vendors regarding the ban and provides email reminders to City staff regarding the polystyrene ban. Plastic Bags and Polystyrene Bans were discussed throughout FY 11-12 with Council in preparation for the August 2012 Scoping Sessions.

**C.7.d ► Stormwater Point of Contact**

No changes were made to Cupertino’s program.

**C.7.e ► Public Outreach Events**

SCVURPPP staff, the Watershed Watch consultant, and Co-permittees staffed eleven outreach events in FY 11-12. Events were selected based upon target audience and attendance. Materials distributed at the events included the following: Less Toxic Pest Management fact sheets, “10 Most Wanted Backyard Bugs” brochures, “Don’t Plant a Pest” brochure, “You are the Solution to Water Pollution” brochures, “Clean Cars & Clean Creeks” brochure, and giveaways (e.g. flyswatters, OWOW magnets, notepads, and Watershed Watch temporary tattoos). The flyswatters have the Watershed Watch website and hotline number and the words “The Original Earth-Friendly Pest Control” printed on them. The Campaign also continued using QR codes (“Quick Response” codes) in printed materials. These codes have URLs embedded in them and when scanned with smart phones direct users to specific webpages. This was targeted at people that are reluctant to collect paper materials and prefer to look up information online. The water drop beanbag game for children was used at most of the events. Event staff distributed approximately 3,500 outreach materials and giveaways.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Name: Silicon Valley Fall Festival Location: Memorial Park, Cupertino Date: 9/10/11 Region: Local	Type of Event: Community Fair - Health Education & Safety, including Keep it Green Environmental Fair.  Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control, proper disposal of household hazardous waste (HHW), Solid Waste Resource Reduction and Recycling	General Feed Back: The event was very well attended. Many attendees stopped at the booth to play Environmental Jeopardy and collect brochures & giveaways. This is a good event for educating families with children.  Estimated Overall Event Attendance: 10,000 visitors Number of Brochures Distributed:200
Name: Silicon Valley Fall Festival Location: Memorial Park, Cupertino Date: 9/10/11	Stevens & Permanente Creeks Watershed Council (SPCWC) staff had an informational table. Displays of what they do and why	General Feed Back: Since this is not a specific environmental event, this is a great opportunity to reach folks who are not already inclined to think about

<p>Region: Local</p>	<p>they do it, hand out brochures, invite folks to look at the fresh creek bugs in a tray and offer the opportunity for visitors to do a bit of water quality monitoring on the "portable creek" (creek water in a bucket).</p>	<p>how their actions affect the quality of habitat in our local creeks. Estimated Overall Event Attendance: 300 visitors at booth.</p>
<p>Name: Drug Disposal 7 thermometer Exchange Date: 9/20/11 Location: Cupertino Senior Center Region:</p>	<p>Type of Event: Drop off unused and expired drugs and mercury thermometers for safe disposal in conjunction with National Pollution Prevention Week (P2 Week).</p>	<p>General Feedback: Estimated Overall Event Attendance: 100 Pharmaceutical Collected: 171.5 pounds Mercury Thermometers Collected: 53 Reusable Bags Passed Out: 60 Participants Surveyed: 100</p>
<p>Name: Pumpkins in the Park Date: 10/8/11 Location: Guadalupe River Park/Discovery Meadow, San Jose Region: Countywide</p>	<p>Type of Event: Community fair Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.</p>	<p>General Feedback: Good attendance with lots of children and families. This is a great event for educating families with small children. The water drop Bean Bag game was very popular with the kids. Estimated Overall Event Attendance: 12,000-15,000 Number of Brochures Distributed: 895 Number of Giveaways Distributed: 599 Number of kids that played the bean bag game: 426</p>
<p>Name: World Water Monitoring Day Event Date: 10/15/11 Location: Blackberry Farm/Stevens Creek Region: Cupertino</p>	<p>Type of Event: Water Quality Monitoring Audience: City of Cupertino and the Stevens &amp; Permanente Creeks Watershed Council invited citizens of all ages to participate in the City's free World Water Monitoring Day event at Blackberry Farm. Testing was performed for dissolved oxygen, pH, turbidity (clarity) and temperature. Biomonitoring" (identifying which creek bugs live in Stevens Creek) –too many pollution tolerant bugs may indicate a pollution problem.</p> <p>Type of Activities Included:</p> <ul style="list-style-type: none"> <li>• Water Quality Monitoring at Creek</li> <li>• Creek Bug Monitoring</li> <li>• Enviroscope Demonstration:</li> </ul>	<p>General Feedback: 30 volunteers Folks had a really good time and seemed to learn a lot with the monitoring, bugs, the City's Naturalist led a creek restoration tour, and the city Enviroscope. STEVENS &amp; PERMANENTE CREEKS WATERSHED COUNCIL signed on eight new SPCWC members. Participants learned more about the watershed in which you live, how watersheds work and what Creeks do to protect wildlife and creek habitat.</p>
<p>Name: Cupertino's Environmental Recycling Days</p>	<p>Type of Event: Drive through, drop off service.</p>	<p>General Feed Back: Very Successful Estimated Overall Event Attendance: 1,168</p>

<p>Dates: 10/22/11, 1/21/12, 5/19/12 Location: De Anza College Region: Local</p>	<p>Audience: Cupertino residents Message: encourage extended use of products and to prevent valuable resources into the landfill.</p>	<p>Pounds collected: 66,844</p>
<p>Name: Annual Wildlife Education Day (Audubon Fair) Date: 10/22/11 Location: McClellan Ranch, Region: Local</p>	<p>Type of Event: Wildlife &amp; Environmental Educational Audience: Families with children Message: To preserve, restore and to foster public awareness of native birds and their ecosystems, mainly in Santa Clara County.</p>	<p>General Feed Back: The event was very well attended. This is a good event for educating families with children. Estimated Overall Event Attendance: 700 visitors and approximately 400 at the City's table. The Enviroscape and Environmental Jeopardy game was very successful in engaging school age children. Number of Brochures Distributed: Only a small amount of brochures were distributed. <i>(Participants were less interested in the brochures and more interested in playing the Environmental Jeopardy game and watching the Enviroscape demonstration).</i></p>
<p>Name: Haunted History Date: 10/30/11 Location: History Park at Kelley Park, San Jose Region: Countywide</p>	<p>Type of Event: Halloween Event Audience: Families with children Messages: Stormwater pollution prevention and proper disposal of HHW</p>	<p>General Feedback: The event is small but well attended. Event organizers encouraged attendees to participate in activities at each booth. As a result a lot of children stopped by the booth and played the beanbag game. Estimated Overall Event Attendance: 300 Number of Brochures Distributed: 58 Number of Giveaways Distributed: 205 Number of kids that played the bean bag game: 118</p>
<p>Name: Cupertino's 4th Annual Earth Day Date: 4/21/12 Location: Cupertino City Hall, 10300 Torre Avenue, Cupertino Region: Local</p>	<p>Type of Event: Community Earth Day Event Audience: Families with children Message: Message: Stormwater pollution prevention, less-toxic pest control, proper disposal of household hazardous waste (HHW) and Solid Waste Resource Reduction and Recycling</p>	<p>General Feed Back: Well attended event. Many attendees stopped at the booth to watch the Enviroscape demonstration and collect giveaways. This is a good event for educating families with children. Estimated Overall Event Attendance: 8,500 Number of Brochures Distributed: 650 flyers Litter Surveys: 306</p>
<p>Name: Spring in Guadalupe Gardens Date: 4/28/12 Location: Guadalupe River Park and Gardens, San Jose Region: Countywide</p>	<p>Type of Event: Community fair, plant sale. Audience: Families with children, homeowners and gardeners Messages: Stormwater pollution prevention, less-toxic pest control and, proper disposal</p>	<p>General Feedback: Good attendance. This is a good event for reaching home gardeners. Estimated Overall Event Attendance: 4,000 Number of Brochures Distributed: 42 Number of Giveaways Distributed: 219</p>

<p>Name: Home Depot Garden Friendly Event Date: 5/19/12 Location: Home Depot, 975 S. De Anza Blvd., San Jose Region:</p>	<p>of HHW. Type of Event: Plant specialists, landscape irrigation specialists and lawn and garden representatives on hand. As well as sales on Bay Area native plants. Audience: Homeowners and Gardeners Messages: Less-toxic pest control.</p>	<p>Number of kids that played the bean bag game: 82 General Feedback: The event was not well attended, probably because it was not well publicized. However, it was the Program's first event at Home Depot and offered a good opportunity to interact with Home Depot customers and direct them to the OWOW literature racks and shelf-talkers. Estimated Overall Event Attendance: 100 Number of Brochures Distributed: 17 Number of Giveaways Distributed: 82</p>
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**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

SCVRUPPP Summary:

During FY 11-12, SCVRUPPP actively supported the Santa Clara Basin Watershed Management Initiative (SCBWMI), including the Steering Committee, the Land Use Subgroup, the Santa Clara Valley Zero Litter Initiative, and the Product Action Subgroup. The Cupertino Program Environmental Programs Manager was involved with the Roundtable Discussion on the Impacts of Homelessness on Creeks.

Additional Information on these efforts is included within the C.7 Public Information and Outreach section of SCVRUPPP's FY 11-12 Annual Report.

Summary:

As of January 2012, the Environmental Programs Manager was appointed as the Vice Chair of the RWRC TAC HHW Subcommittee, and a member of the Santa Clara Valley *Urban Runoff* Pollution Prevention Program Management Committee. The Cupertino's Environmental Programs Manager was also the Chair of the Solid Waste Source Reduction and Recycling subcommittee of the Solid Waste Technical Advisory Committee for the first 6 months of FY 11-12. Much of the work on this committee was surrounding EPS alternatives for restaurants and potential bans, single use plastic bags and potential bans, and Bay Friendly gardening activities. In addition to the above mentioned committees, the Env. Prgms. Mgr. is an active member of the Santa Clara County Zero Waste committee and participated in the Zero Litter Roundtable Discussions.

Cupertino’s Environmental Programs Assistant is the Co-Chair of the Watershed Education and Outreach Ad Hoc Group. Campaigns and activities include: support of the campaign includes funding for programs at Alviso Ed Center and for ZunZun water education performances in local schools. See SCVURPPP’s Watershed Watch Work Plan for details.

**C.7.g. ► Citizen Involvement Events**

Event Details	Description	Evaluation of effectiveness
<p>Name: Summer of Service Program Date: 7/14/11, 7/28/11, 8/11/11, 6/19/12 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide</p>	<p>Partnership program between Santa Clara Valley youth groups and the Watershed Watchers program. Youth spend a day at the Refuge and they work in the gardens in the morning and explore the Refuge in the afternoon.</p>	<p>Number of attendees on 7/14/11: 12 middle school students, 2 high school students, and 3 adults. Number of attendees on 7/28/11: 10 middle school students and 3 adults. Number of attendees on 8/11/11: 7 middle school students and 2 adults. Number of attendees on 6/19/12: 9 middle school students, and 3 adults.</p>
<p>Name: Community Service Days Date: 10/29/11, 11/19/11, 1/14/12, 2/11/12, 4/21/12, 5/21/12, Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide</p>	<p>This is an open day for the general public. Participants work in the gardens planning native plants, pulling non-native plants, and mulching.</p>	<p>Number of attendees on 10/29/11: 15 middle school student, 3 high school student, and 3 adults. Number of attendees on 11/19/11: 1 high school student and 5 adults. Number of attendees on 1/14/12: 4 high school students. Number of attendees on 2/11/12: 3 elementary school students, 4 high school students and 3 adults. Number of attendees on 4/21/12: 11 elementary school students and 4 adults. Number of attendees on 5/21/12: 7 elementary school students and 5 adults.</p>
<p>Name: Abundant Life Church Clean Up around the City of Cupertino Date: 8/12/11 – 8/20/11 Location: Cupertino Citywide Focus: Local</p>	<p>Type of Event: Volunteer Citizen Citywide Clean Up event of trash and litter around the City of Cupertino</p>	<p>General Feed Back: Good attendance Estimated Overall Event Attendance: 200 17 13 gallon bags of litter was collected off the streets of Cupertino</p>
<p>Name: National Coastal Creek Cleanup Day Date: 9/17/11 Location: Calabazas Creek @ Creekside Park Focus: Local</p>	<p>Type of Event: Volunteer Citizen Creek Clean Up Event Message: Host annual creek cleanup for local residents to encourage protection of watersheds. Taught volunteers to conduct</p>	<p>General Feed Back: Overwhelming high attendance, and successful event. Estimated Overall Event Attendance: 82 Distance of creek cleaned : 4.0 miles</p>

	trash tallying and monitoring, to categorize and quantify types of trash and likely sources.	Removed approximately 510 pounds of trash and 510 pounds of recyclables from the Creek and surrounding areas at Creekside Park and around some streets near Creek.  Cleanups are an effective way of inspiring enthusiasm for creek and water quality protection as well as bringing about an awareness of trash problems in the community and how residents can help to prevent these problems.
Name: Abundant Life Church Clean Up Date: 8/13/11 Location: Stevens Creek @ Heney Outfall Focus: Local	Type of Event: Volunteer Citizen Creek Clean Up event of trash and litter	General Feed Back: Good attendance Estimated Overall Event Attendance: 12 adults Number of bags collected: 0.1152 cubic yards of unbagged trash
Name: Habitat Restoration by SPCWC Date: (Weekly) Location: McClellan Ranch, Cupertino Focus: Local	Habitat Restoration - SPCWC volunteers conducted GPS mapping of vegetation of an adopted study site in January of 2010. Since then volunteers have met on a weekly basis to remove invasive plants from this site, install native plants and do watering during the dry season.	General Feed Back: This area had been smothered in an overgrowth of nonnative plants such as ivy. The native plants we have installed provide much better habitat for local wildlife. Estimated Overall Event Attendance: 40
Name: Bug Club (Macroinvertebrate Study) Date: (Weekly) Location: McClellan Ranch Junior Museum, Deep Cliff Golf Course, Blackberry Farm, Stockmeir Orchard, in Cupertino Focus: Local	Type of Event: Fifth year of an ongoing study of the macroinvertebrates (bugs) which live at the bottom of Stevens Creek. Each week we meet with USGS entomologist, Steve Fend, to sort and identify the bugs collected. Since bugs vary in their tolerance of pollution and other environmental stresses, identifying what we find in different areas of the creek gives us important clues to the health of the habitat.	General Feed Back: This study provides important data on habitat quality not being collected by other agencies or organizations. It is also an important component of our environmental education. Estimated Overall Event Attendance: 40
Name: Water Quality Monitoring by SPCWC Date: (Monthly) Location: Stevens Creek and Permanente Creek, McClellan Ranch, Bridge at Blackberry Farm Golf Course Focus: Local	Monthly monitoring of water quality (pH, temperature and dissolved oxygen at nine sites along Stevens and Permanente Creeks. Two sites are in Cupertino.	General Feed Back: Provides environmental education through stewardship. Estimated Overall Event Attendance: 100
Name: Water Quality Monitoring by SPCWC	Fecal Indicator Bacteria Testing - once a month	General Feed Back: Provides environmental

<p>Date: (Monthly) Location: Stevens Creek Focus: Local</p>	<p>SPCWC volunteers, in partnership with De Anza college, test water samples from Stevens Creek for contamination by fecal bacteria. One of the collection sites is in Cupertino.</p>	<p>education through stewardship. Estimated Overall Event Attendance: 100</p>
<p>Name: Thermometer Exchange &amp; Safe Drug Disposal Event Date: 9/20/11 Location: Cupertino Senior Center Region: Local</p>	<p>Type of Event: Mercury Thermometer Exchange</p>	<p>General Feed Back: Estimated Overall Event Attendance: 100 Number of Brochures Distributed:: 0 Pharmaceutical Collected: 171.5 pounds Mercury Thermometers Collected: 53 Reusable Bags given away: 60 Participants Surveyed: 100</p>
<p>Name: Bike to Work Day Date: 5/10/12 Location: throughout Cupertino Focus: Santa Clara County/Local</p>	<p>Type of Event: Bike to Work Day (BTWD) is an event to promote alternative commuting, focused on improving air quality, reducing petroleum and consumption. Organizer: Silicon Valley Bicycle Coalition Audience: employees working in the City of Cupertino (including Cupertino staff), pass-through commuters Activities: Bicycle Safety Commission organized an "energizer station" on Stelling Rd. and Apple also organized a station on De Anza Blvd. Environmental Affairs Division staff organized activities for Cupertino employees. Additional Information: The City has the first municipal employee bicycle fleet in Santa Clara County. Employees may check-out bicycles for work-related activities during regular business hours, but were also offered the opportunity to use the bikes for this event. In order to utilize the bikes, for work activities or the event, employees are required to take a safety training coordinated through the County's Sheriff's Office.</p>	<p>General Feed Back: Estimated Overall Event Attendance: 250+ (including those passing energizer stations), City employees biked/walked 125, &amp; biked 110 miles. Adding alternative transit increases total vehicle mileage savings to 235. In addition, Cupertino's energizer station hosted 91 riders on bike to work day and also supported: Northbound 151 riders, Southbound 90 riders  Number of Brochures Distributed: The City does not actively distribute flyers for this event, but rather engages employers through newsletters (i.e. the Cupertino Scene), website (<a href="http://www.cupertino.org">www.cupertino.org</a>) and through partner correspondence (i.e. the Silicon Valley Bicycle Coalition).</p>
<p>Name: National River Creek Cleanup Day Date: 5/19/12 Location: Calabazas &amp; Regnart Creeks @ Creekside Park Focus: Local</p>	<p>Type of Event: Citizen Clean Up Event Message: Host annual creek clean-up for local residents to encourage protection of watersheds. Teach volunteers to conduct trash tallying and monitoring, to categorize and</p>	<p>General Feed Back: Good attendance, and successful event. Estimated Distance of creek cleaned : 3.0 miles Overall Event Attendance: 91 Removed 104 gallons from the Creek and surrounding</p>

	quantify types of trash and likely sources.	areas at Creekside Park.
Name: Car Wash Kit Participation Date: 10/2/11, 11/12/11, 12/10/11, 3/24/12 Location: Cupertino High School Focus: Local	The City provided a carwash kit to two Cupertino residents/organizations and to Cupertino High School for fundraisers. To help prevent pollution from car wash events, the City owns a storm drain protection kit that can be borrowed by nonprofit and school groups.	General Feedback: The fundraising events using the City's Car Wash Kit were successful.
Name: Helping Hands Volunteer Clean Up Date: Ongoing Location: Parks & Stevens Creek Corridor Focus: Local	Type of Event: Helping Hands was inspired by the drive and determination of a high school student looking to help out in Cupertino, and boost the appearance of local parks. The volunteers helped with trash removal along creek and nearby streets, Cupertino parks, and McClellan Ranch.	General Feed Back: The Helping Hands Volunteer Projects have been very successful and extremely helpful to the City of Cupertino. Estimated Overall Attendance: 70 high school students volunteered a total of 541.5 hours
Name: Compost Workshops Dates: 8/13/11, 10/22/11, 3/3/12, 5/5/12 Location: Cupertino Focus: Local	The City held four free "how-to" backyard compost and how to Garden Naturally workshops at Cupertino's Community Hall, 10300 Torre Ave, & Quinlan Community Center. Cupertino residents attending one Compost or Bay Friendly Gardening Naturally without Pesticides workshops received a free compost bin.	General Feed Back: Good attendance A total of 163 people attended, and 130 compost bins were distributed. 8/13/11 = 32 attendees, 26 compost bins 10/22/11 = 26 attendees, 23 compost bins 3/3/12 = 55 attendees, 48 compost bins 5/5/12 = 50 attendees, 33compost bins
Name: Bethel Lutheran Church Clean Up Date: 1/22/12 Location: Creekside Park & Calabazas Creek Focus: Local	Type of Event: Volunteer Citizen Creek Clean Up event of trash and litter	General Feed Back: Good attendance Estimated Overall Event Attendance: 16 (12 adults & 4 children) Number of Brochures Distributed: 0 Number of Bags Collected: 4 30 gallon bags (120 gallons), 2 wooden pallets along the creek.
Name: Abundant Life Church Clean Up Date: 2/11/12 Location: Stevens Creek @ Heney Outfall Focus: Local	Type of Event: Volunteer Citizen Creek Clean Up event of trash and litter	General Feed Back: Good attendance Estimated Overall Event Attendance: 12 adults Number of bags collected: More than 6 13 gallon bags 13 gallon bags, 89.75 gallons of litter
Name: Car Wash Kit participation Date: 6/21/11, 6/16/12	The City owns, which can be borrowed a	General Feedback: The fundraising events using the

<p>Location: Home of Christ Church 10340 Bubb Road, Cupertino</p>	<p>carwash kit to the Home of Christ Church for fundraisers. To help prevent pollution from car wash events, the City owns a storm drain protection kit that can be borrowed by nonprofit and school groups.</p>	<p>City's Car Wash Kit were successful.</p>
<p>Cupertino Community Garden Adults Date: Ongoing Location: McClellan Ranch Park, Cupertino</p>	<p>Plots are made available, by waiting list, to Cupertino residents for organic gardens. A handbook is provided to participating gardeners with rules and resources for organic gardening.</p>	<p>General Feedback: Effective in encouraging gardeners to grow produce without reliance on chemical fertilizers and pesticides Number of People Participating: Approximately 124 actively working in 62 garden plots.</p>

**C.7.h. ► School-Age Children Outreach**

World Water Monitoring Day Cupertino event  
 October 15, 2011



Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
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<p>Provide the following information: Name Grade or level (elementary/ middle/ high)</p>	<p>Brief description, messages, methods of outreach used</p>	<p>Provide number or participants</p>	<p>Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.</p>
<p>Name: Cupertino’s World Water Monitoring Day Monitoring by SPCWC &amp; City of Cupertino Date: 10/15/11 Location: Blackberry Farm- Stevens Creek Focus: Local</p>	<p>Volunteers tested for dissolved oxygen, pH, turbidity (clarity) and temperature. Participants also checked for biomonitoring by identifying pollution-tolerant bugs in the creek. Results from the day were shared with communities around the world. While participating in this event, volunteers learned more about the watershed in which they live, how watersheds work and what they can do to protect important creek habitats.</p>	<p>General Feed Back: Provides environmental education through stewardship.</p>	<p>General Feed Back: Provides environmental education through stewardship. Estimated Overall Event Attendance: 30 Number of Brochures Distributed: 25</p>
<p>Name : ZunZun Musical Assembly Grade or level: elementary</p>	<p>Interactive, musical school assemblies educating K-6 children about watersheds and pollution prevention.</p>	<p><b>13,868</b> students 4 Assemblies performed in 2 Cupertino elementary schools in FY 11-12.</p>	<p>ZunZun assemblies were evaluated using postage- paid evaluation cards that were distributed to all teachers present at the performances. SCVURPPP received 184 completed evaluation cards from teachers. Overall, the feedback is positive and indicates an increase in the students’ knowledge about watersheds and pollution prevention. A few highlights of the evaluations are:</p> <ul style="list-style-type: none"> <li>• Twenty-nine teachers indicated that after the performance, 50% of their students knew what a watershed was; 75 teachers indicated that 75% of their students knew what a watershed was and 48 teachers indicated that 100% of their students knew what a watershed was.</li> <li>• Fourteen teachers indicated that after the performance, 50% of their students could name a way to prevent pollution in the watershed; 59 teachers indicated that 75% of their students could name a way to prevent pollution in the</li> </ul>

			watershed; and 67 teachers indicated that 100% of their students could name a way to prevent pollution in the watershed. The Final Teacher Evaluation Report is included in SCVURPPP's Annual Report Appendix 7-7.
Name: Watershed Watchers Program at Don Edwards Wildlife Refuge in Alviso Grade or level: pre-school, elementary, middle, high school.	The Refuge offers a number of interpretive programs to educate children and youth about preventing urban runoff pollution. These include: Monster Bacteria; Nature Drawing; All About Owls; Living Wetlands; Night Sky Party; Why Tides Matter; and Water Water Everywhere.	39 pre-kindergarteners, 1,165 elementary school students, 86 middle school students, and 469 high school students.	Visitor Surveys are used to determine visitor demographics, effectiveness of publicity, and the effectiveness of the Watershed Watchers Program. In addition, an "Urban Runoff Bead Drop" display is used to record actions (e.g., pick up litter, spread the word, take car to car wash) that children promise to do to help keep storm drains clean. Results of both these evaluation mechanisms are summarized in the Watershed Watchers Fourth Quarter Report included in the SCVURPPP's Annual Report Appendix 7-5.
Name: Garden insect & pesticide alternatives information table at community events Grade: Adults & Children Location: McClellan Ranch & Cupertino's Quinlan community Center	Cupertino's naturalist set up hands-on insect display table at Santa Clara Valley Audubon Society's Wildlife Education Day and at Cupertino's Earth Day to familiarize children and adults with common garden insects and spiders, learn about the beneficial aspect of some insects and spiders and to introduce alternative pest control materials	650	General Feed Back: This program was effective in engaging participants at event into discussion about insects and spiders, the benefits of some of these organisms in the garden and alternatives to pesticides for dealing with pests.
Name: Monte Vista High School Biology Field Trip Location: Blackberry Farm Grade Level: High School 9 <sup>th</sup>	The City's Park and Recreation staff/ Naturalist assists the students of Monte Vista High School to regularly perform water quality monitoring and research in Stevens Creek (the City's principal creek, 2 blocks from the high school).	210	This program is typically conducted annually and is very popular with both teachers and students.
Name: De Anza College Environmental Studies Field Trips Grade Level: College Location: McClellan Ranch	Seven 1 ½ hour presentations were made to students in Environmental Studies 1 & 2 and Biology 6C classes regarding Stevens Creek Watershed. Discussion of the effects of non-	185	General Feed Back: Instructor finds this field trip a valuable Addition to Environmental Studies 1 & 2 (Intro to Environmental Studies and Humans, the Environment, and Sustainability) and plans to return next semester.

	permeable surfaces, non-point source pollution, and storm water discharge into creeks was included as part of general discussion of watershed concepts.		
Name: Water Quality Monitoring and Streamside Assessment by SPCWC Date: Ongoing Grade Level: College (De Anza College Students) Location: McClellan Ranch Focus: Local	Field trips for local students - the focus is on creek ecology and the problems of pollution from stormwater runoff from residential properties. Students are given hands-on opportunities to do water quality monitoring and a streamside assessment of habitat quality using creek bugs.	350	General Feed Back: The students are from Environmental Studies and Biology classes at De Anza. The students gain real world experience and SPCWC recruits many good volunteers at these fieldtrips.
Name: Creek Education Program Grade Level: Elementary 3 <sup>rd</sup> Location: Schools & McClellan Ranch	Creek Education project available to all 3 <sup>rd</sup> grade teachers, including combo teachers and shared position teachers in the Cupertino Union School District: about 100 classes (half are in Cupertino; remaining schools in cities of San Jose, Sunnyvale, Santa Clara, Saratoga, Los Altos) participated this year. Teachers are provided training and support materials for conducting pre-trip investigations into watershed concepts, stormwater and sanitary sewer systems and creek organisms. Classes visit creek aquatic, riparian and adjacent upland habitats to investigate watershed-related issues. Students identify & count aquatic macroinvertebrates in creek water samples to assess creek health.	2,466	General Feed Back: This program is very popular with the Cupertino school district and its teachers. Started in 1995, it continues to be refined as needed. During a half hour review of general non point source pollution and creek concepts that precedes the actual creek walk, Cupertino's docents have the opportunity to observe whether each teacher has spent time in the classroom preparing the students for the field trip. Typically, 95% of the students are familiar with the concepts. During FY 11-12, 2,466 participants (2006 students, 95 teachers, 365 parent volunteers) benefitted from this unique educational opportunity).  These numbers reflect the inclusion of Murdock-Portal this year. Murdock-Portal participates every other year due to their school curriculum. 100% of Cupertino teachers have expressed the desire to come back again for this field trip.
Name: 4H Entomology Project Grade Level: Elementary -1 <sup>st</sup> – 4 <sup>th</sup> Location: McClellan Ranch	City naturalist met with 4-H members during seven 1 1/2 hr. sessions to learn about insects, insect identification, life-cycles, ecological importance,	22	General Feed Back: This program is effective in helping children overcome fears of insects, develop competency in insect identification, learn ecological importance of insects, and be introduced to some

	<p>and control alternatives. The 22 members of the 4H Entomology Project made a presentation on insects, spiders and other arthropods at the general membership meeting of the Rolling Hills 4H Club to an audience of about 95.</p>	<p>95</p>	<p>non-toxic pest control alternatives.</p>
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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 11-12, the City contributed through the countywide Program to the BASMAA Regional Monitoring Coalition (RMC). In addition, the City contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and was represented at RMP committees and work groups. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of SCVURPPP's FY 11-12 Annual Report.

With the assistance of the Water District's Watershed Stewardship Grant, the City, in partnership with Acterra held its first Annual World Water Monitoring Day event on October 15, 2011, at Blackberry Farm/Stevens Creek. At this Water Quality Monitoring creek event, 27 participants tested the creek water for dissolved oxygen, pH, turbidity (clarity) and temperature with 13 water quality testing kits purchased by the City. Participants also tested the creek for bugs to identify which creek bugs live in Stevens Creek. Too many pollution tolerant bugs may indicate a pollution problem. Cupertino also engaged participants with its EnviroScape watershed model at the event to show the impact of pollutants on the health of our creeks. By participating in this event, Cupertino residents learned more about the watershed in which we live, how watersheds work and what they do to foster wildlife and creek habitat.

After the World Water Monitoring Day event, Acterra commented to staff that it is very heartening to see how healthy the Blackberry Farm Stevens Creek area has become, and happy to see the new natives which are recolonizing at the park.

The City and Acterra coordinated a number of volunteer water monitoring activities at McClellan Ranch, Stevens Creek. Testing was done at nine sites along Stevens and Permanente Creeks (two in Cupertino). Acterra measured dissolved oxygen, temperature, turbidity and pH. Additionally, they collected small samples of water which De Anza students later analyzed to determine if any coliform bacteria was present.

The City and Acterra also coordinated a study of the macroinvertebrates (bugs) which live at the bottom of Stevens Creek. Each week Acterra met with USGS entomologist, Steve Fend, to sort and identify the bugs collected. Since bugs vary in their tolerance of pollution and other environmental stresses, identifying what is found in different areas of the creek gives important clues to the health of the habitat. This study provides data on habitat quality not being collected by other agencies or organizations. It is also an important component of the City's environmental education program.

Section 9 – Provision C.9 Pesticides Toxicity Controls

**C.9.b ► Implement IPM Policy or Ordinance**

Council adopted an IPM Resolution and Policy in 2002. The IPM policy was updated in 2008 and 2011 to reflect changes to prohibited chemicals and IPM techniques. The 2012 IPM policy was signed by the Golf Course Maintenance Superintendant contractor and the Facilities Pest Management contractor when they attended the City employee training in 2012. All of the City's pest-specific IPM plans and standard operation procedures were reviewed and updated as revisions to the City's IPM policy were discussed. (See attached Resolution and Policy to Require an Integrated Pest Management Approach to Pest Control at All City-maintained Facilities and Property.)

See table below: (Cupertino Four Year Comparison Summary of Pesticides Used on City property). **The City does not use organophosphates, pyrethroids, or carbaryl pesticides and discontinued the use of fipronil in FY 2011-2012.**

**Trends in Quantities and Types of Pesticides Used<sup>48</sup>**

**Cupertino Four Year Comparison Summary of Pesticides Used on City property (in pounds unless otherwise noted):**

Active Ingredient	Target Pest	On SF list		FY 08-09	FY 09-10	FY 10-11	FY 11-12
Alkylphenol Ethoxylate*	Aphid	No	Trees	0	0	.310	0
Bayleton	Fungus	Yes	Greens	15.3lbs	0	0	0
Difethialone **	Rats	No	Facilities	0	0	27 Boxes/95.5 mg	340.2 mg**
Dinotefuran	Aphids	No	Trees	0	0	1.5 lbs	0
Fipronil	Ants	Yes	Facilities	0.16 oz.	1.6 oz.	0	Not used
Glyphosate (Roundup)	Weeds	Yes	Various	140.21	179.95 lbs	179.5	225.230
Halosulfuron-methyl	Weeds	No	Golf	0	0	.004	0
Imidacloprid	Aphids	Yes ***	Trees	0	0	.030	0
Indoxacarb	Ants	Yes	Facilities	0	0	.250	0
Isoxaben	Weeds	No	Medians	0	92.92 lbs.	1.5	11.824
Oryzalin (Surflan)	Weeds	No	Medians	36.74	135.27 lbs.	108.626	139.217
Oxydiazon	Weeds	No	Medians	2.6	0	0	0
PCNB for Snow Mold	Snow Mold	No	Golf	9	0	0	0

<sup>48</sup> Includes all municipal structural and landscape pesticide usage by employees and contractors.

Pendimethalin	Weeds	Yes	Parks	116.62	18.47 lbs.	2.8	0
Penoxsulam	Weeds	Yes	Golf	.080	0	0	0
Phenethyl Propionate/Thyme Oil	Ants	No	Facilities	0	0	.750	0
Propylene Glycol*	Aphids	No	Trees	0	0	.186	0
Triclopyr	Weeds	Yes	Parks	4 0	5.0	7.708	11.163

\*Alkylphenol ethoxylate and propylene glycol, are active ingredients in Pentra-Bark, a bark penetrating surfactant that may sometimes be mixed with Safari and is used for basal bark (tree trunk) application. This is a preferred treatment compared to other spray treatments because it is a quick application that is a direct spray to the basal bark rather than the canopy of the tree and therefore has a low drift risk and it results in less damage to the tree compared to injectables. Chemicals were not used during FY 11-12.

\*\*Difethialone is used as a risk mitigation measure of putting baits into tamper resistant boxes to prevent poisoning of non-targeted animals (e.g. dogs). Only a very small amount (340.2 mg) was used during FY 11-12. The material isn't exposed to rain or water, it is placed in a bait station and on a concrete block to elevate it from rain and water.

\*\*\*Imidacloprid is on the San Francisco list in granular form. However, in Cupertino, this active ingredient is injected into the tree to control aphids. The injection method reduces the risk of pesticide runoff. This chemical was not during FY 11-12.

The Grounds Maintenance Department uses isoxaben and oryzalin as pre-emergents. The City's Pest Control Advisor selected pre-emergents to keep the weeds from germinating instead of spraying glyphosate (post-emergent) in larger quantities to kill the weeds after they emerge. The two active ingredients, particularly when combined, cover a very broad spectrum of weeds therefore requiring a smaller amount of glyphosate than would otherwise have been needed.

Our contractors met with City staff and resigned their commitment to comply with the City's IPM policy.

February 2012, the City revised Cupertino Municipal Code 9.18.210.4.B to specify that Bay Friendly or other comparable guidelines must be implemented on new or redevelopment projects to minimize water runoff, minimize the use of pesticides and fertilizers, and to prevent over-irrigation.

Municipal Code 9.18.210.4.B states that "Landscaping shall be designed to minimize irrigation and water runoff, promote surface infiltration, minimize the use of pesticides and fertilizers, incorporate native plants, grasses and trees (which are resistant to local pests and diseases), employ appropriate sustainable landscaping practices such as designs with hydrozones to prevent over-irrigation, follow the Bay-Friendly Landscaping Guidelines or other landscaping guidelines with similar goals and practices."

**The City does not use organophosphates, pyrethroids, or carbaryl pesticides and discontinued the use of fipronil in FY 2011-2012.**

Pesticide Category and Specific Pesticide Used	Amount <sup>49</sup>				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
<b>Organophosphates</b>					
Product or Pesticide Type A	0	0	0		
Product or Pesticide Type B					
<b>Pyrethroids</b>					
Product or Pesticide Type X	0	0	0		
Product or Pesticide Type Y					
<b>Carbaryl</b>	0	0	0		
<b>Fipronil</b>	1.6oz	0	0		

The City hosted four traditional “how-to” backyard composting workshops in Cupertino. The City’s compost classes promote education in keeping with Bay Friendly concepts and IPM techniques which encourage backyard composting. Cupertino residents attending a compost class were eligible to receive a free compost bin from Recology (the City’s franchised garbage and recyclables hauler) by agreement with the City of Cupertino. In FY 11-12 at least 163 people attended one of four City backyard compost classes and 130 compost bins were distributed to Cupertino residents.

<b>C.9.c ► Train Municipal Employees</b>	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	20
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	20
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%
<p>Eleven Cupertino staff in the Public Works Maintenance Division took the ten-week <b>Green Gardener training program</b> which was offered jointly by the municipalities and agencies that are regulated by the Municipal Regional Stormwater Permit. Cupertino staff learned to use the least-toxic ground maintenance and water conservation measures. Not only will this benefit the City and the community, but it will serve as a strong message that the City of Cupertino is not only complying with the requirements of provision C.9 of the Municipal Regional Stormwater NPDES Permit (the MRP), but strongly supports and engages in staff training to protect water quality standards.</p> <p>On January 9, 2012, 32 staff attended a 4 hour annual spray safety training class through Target Specialty Services of Pesticide Regulation annual</p>	

<sup>49</sup> Weight or volume of the product or preferably its active ingredient, using same units for the product each year.

training that is required in order to apply pesticides in the City. Of these 32 only 20 employees had to apply or use pesticides within their duties during FY 11-12.

On June 19, 2012, the annual staff and contractor IPM training meeting was held at City Hall. Attendees included the Environmental Programs Manager and Division staff, the City's Public Works supervisor for the Grounds Maintenance Division and Division staff, the pest control contractor for the City's facilities and the City's Golf Course Maintenance Superintendent contractor. In this training meeting, Environmental Programs staff updated attendees on the requirements and the City's implementation of the MRP and IPM performance. A round-table discussion of IPM practices took place, including a review of the City's IPM policy and pest specific plans. Each of the City's 39 IPM SOPs were reviewed and updated as needed. The City's Maintenance supervisors are trained annually on the City's IPM requirements and only these supervisors determine which pesticides may be used on City property, if any.

**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
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If yes, attach one of the following:

- |                                     |   |
|-------------------------------------|---|
| <input type="checkbox"/>            | Contract specifications that require adherence to your IPM policy and standard operating procedures, OR |
| <input type="checkbox"/>            | Copy(ies) of the contractors' IPM certification(s) or equivalent, OR                                    |
| <input checked="" type="checkbox"/> | Equivalent documentation.   |

The City of Cupertino verifies IPM contractor performance by hiring professionals that are trained on IPM techniques and adhere to Cupertino's IPM Policy. The City's policy is reviewed and signed by each contractor during the annual training staff/contractor training meeting. . Annual meetings provide an opportunity for Cupertino's grounds maintenance staff and contractors to discuss new IPM practices. At the June 19<sup>th</sup> meeting staff considered a chemical-free method being developed to eradicate ground squirrels. Signed IPM policies are attached.

The Blackberry Farm Golf Course staff attend a number of training meetings throughout the year, including those held by USGA, GCSAA (Golf Course Superintendents Association), PAPA and CAPCA. The Golf Course maintenance staff has not applied any pesticides in over two years, however, they participate in annual training.

On June 19, 2012, the annual staff and contractor IPM training meeting was held at City Hall. Attendees included the Environmental Programs Manager and Division staff, the City's Public Works supervisor for the Grounds Maintenance Division and Division staff, the pest control contractor for the City's facilities and the City's Golf Course Maintenance Superintendent contractor. In this training meeting, Environmental Programs staff updated attendees on the requirements and the City's implementation of the MRP and IPM performance. A round-table discussion of IPM practices took place, including a review of the City's IPM policy and pest specific plans. Each of the City's 39 IPM SOPs were reviewed and updated as needed. The City's Maintenance supervisors are trained annually on the City's IPM requirements and only these supervisors determine which pesticides may be used on City property, if any.

**CUPERTINO'S POLICY TO REQUIRE  
AN INTEGRATED PEST MANAGEMENT APPROACH  
TO PEST CONTROL AT ALL CITY-MAINTAINED FACILITIES AND PROPERTY**

**POLICY STATEMENT**

The City of Cupertino will carry out its pest management operations, at city-owned facilities, and on property where the city is responsible to provide facility and landscape maintenance, using reduced-risk Integrated Pest Management (IPM) techniques.

The city, recognizing that some pesticides may be potentially hazardous to human health and the environment, shall give preference to reasonably available non-pesticide alternatives, and reduced-risk pesticides, when performing pest control activities.

Departments that apply pesticides will follow an IPM plan whose goal is to ensure the long-term prevention or suppression of pest problems, while reducing or eliminating the need for chemical pest controls (to the maximum extent feasible), with minimum negative impact on human health, non-target organisms, and the environment.

The IPM plan includes pest-specific and site-specific standard operating procedures (describing the IPM approach used to control common pest problems) and monthly pesticide use summaries. The city prepares a report each year summarizing and evaluating the pest control activities performed by city staff and contractors.

The IPM Plan also includes an outreach component to residential and commercial pesticide users, and mechanisms to discourage pesticide use at new development sites.

No products containing Clopyralid, Diazinon, Chlorpyrifos (Dursban), Chloradane, DDT, Dieldrin or other organophosphates may be used on city property. Fipronil and pyrethroids including, but not limited to Deltamethrin and Bifenthrin, may be used by city staff or a city contractor on city property or property maintained by the city only after all other IPM methods have been tried and with the approval of the designated city staff person. As of July 2010, these chemicals are not used at city-maintained facilities or on city property.

City staff are to report pest control problems to the Public Works Facilities Supervisor or to the Recreation Supervisor at Blackberry Farm. No unauthorized city staff can purchase pesticides for use at work.

Contracting Pesticide Applicators for Cupertino will sign this form to acknowledge that they are aware of the city's Integrated Pest Management policy, the city's IPM Best Management Practices (BMPs) and the city's Standard Operating Procedures (SOPs) or IPM Plan for the control of specific pests.

Don Naumann  
Contracting Pesticide Applicator Printed Name

6/19/12  
Date

  
Contracting Pesticide Applicator Signature

**CUPERTINO'S POLICY TO REQUIRE  
AN INTEGRATED PEST MANAGEMENT APPROACH  
TO PEST CONTROL AT ALL CITY-MAINTAINED FACILITIES AND PROPERTY**

**POLICY STATEMENT**

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The IPM plan includes pest-specific and site-specific standard operating procedures (describing the IPM approach used to control common pest problems) and monthly pesticide use summaries. The city prepares a report each year summarizing and evaluating the pest control activities performed by city staff and contractors.

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Keith Reuter  
Contracting Pesticide Applicator Printed Name

6-19-12  
Date

  
Contracting Pesticide Applicator Signature

**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 11-12, Cupertino participated in regulatory processes related to pesticides through financial contributions to SCVURPPP, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees. This Report is included within the Santa Clara Valley Urban Runoff Program's FY 11-12 Annual Report.

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

Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?

	Yes	X	No
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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.

There were no reports of improper use of pesticides within the City during FY 11-12.

**C.9.h.ii ▶ Public Outreach: Point of Purchase**

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

Summary:

See the C.9 Pesticides Toxicity Control section of the SCVURPPP's FY 11-12 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

The Stevens and Permanente Creeks Watershed Council, now Acterra, holds volunteer events in Cupertino at sites along Stevens Creek and McClellan Ranch Park, a pesticide-free and fertilizer-free nature preserve that is available by reservation for community gardeners. The Acterra events include educating the volunteers through activities related to IPM such as weeding to prevent the use of chemicals, water quality monitoring, bug sampling, gardening techniques, invasive and native plant control, and habitat restoration. These events were held on a weekly to monthly basis.

The City Naturalist, other City Park and Recreation staff, and Acterra staff participate in many community events and educational programs at McClellan Ranch, City facilities, and Cupertino schools to educate parents, students, and faculty on IPM topics related to minimal use of chemicals to protect stormwater and habitat quality. These programs reached over 4,000 people in Cupertino and the Cupertino Union School District.

See the C.7 PI/P section of this report for more details on IPM outreach.

**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.

See the C.9 Pesticides Toxicity Control section of the SCVURPPP's FY 11-12 Annual Report for a summary of Cupertino's participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

Activities accomplished as part of Cupertino's IPM Policy outreach component:

The City of Cupertino sent eleven Cupertino Public Works employees the ten-week **Green Gardener training program** which was offered jointly by the municipalities and agencies that are regulated by the Municipal Regional Stormwater Permit. Cupertino staff learned to use the least-toxic ground maintenance and water conservation measures. Not only will this benefit the City and the community, but it will serve as a strong message that the City of Cupertino is not only complying with the requirements of provision C.9 of the Municipal Regional Stormwater NPDES Permit (the MRP), but strongly supports and engages in staff training to protect water quality standards.

**Response to Water Board Staff Comments on Section 9, Provision C.9, of FY 10-11 Annual Report**

**Corrections or Information Needed**

There was no corrective information required.

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).

Cupertino's Short-Term Trash Loading Reduction Plan was submitted to the Water Board on February 1, 2012. In addition to attending monthly Trash AHTG meetings, City staff met with Program staff in October 2011 for individual assistance in developing a Short-Term Plan specific to Cupertino, and utilized the Program's assistance in preparing its plan. City staff will continue to attend the monthly Trash AHTG meetings and other regional meetings as needed to stay current on Short-Term Plan requirements. A modification made to the City's plan is noted in C.10.a.iii below.

During FY 11-12, staff tracked trash load reduction information consistent with version 1.0 of the BASMAA tracking methodology and provided preliminary estimates of trash load reductions for FY 11-12 using the trash load reduction calculator, which is consistent with version 1.0 of the tracking method (See C.10.d of this report). Cupertino staff will work with SCVURPPP and BASMAA early in FY 12-13 to address comments from the Water Board (ref. June 7, 2012 letter) on the Short Term Litter Reduction Plans. See the C.10 Trash Load Reduction section of the SCVURPPP FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

**In FY 11-12, Cupertino staff started to work on the following trash reduction control activities in addition to the measures that were accomplished and detailed in section C.10.d of this report.**

CR-1 Single-Use Carryout Bag Policies: The City of Cupertino included a ban at large supermarkets in its Short Term Plan. In March City Council directed staff to participate in a regional Environmental Impact Review (EIR) led by the County of San Mateo's Health Department. As a participating agency, Cupertino's City Council agreed to consider a bag ban at all retail stores excluding restaurants with a fee for paper bags once the final EIR has been approved in the fall of 2012. Since plastic bag and polystyrene foam-to-go bans were topics of interest to most City Council members this year, staff scheduled a public City Council Study Session for August 7, 2012 to examine the City's litter reduction strategy including a discussion of bans on bags and polystyrene foam containers.

CR-4 Activities to Reduce Trash from Uncovered Loads: City staff began communicating with the Sheriff's Office to determine how much litter generation is reduced due to enforcement (issuing fines) of the CA vehicle code prohibiting uncovered truck loads.

CR-5 Anti-littering and Illegal Dumping Enforcement Activities: In addition to implementing a strong IDDE program which prohibits outdoor storage of uncontained materials and holds the property owner responsible for keeping business sites litter-free, City Council will consider an anti-littering ordinance in FY 12-13, which if adopted, would be enforced by the City's code enforcement officers.

QF-4 Enhanced Storm Drain Inlet Maintenance: Public Works Maintenance prepared to double the frequency of its storm drain inlet cleaning in FY12-13.a

QF-5 Full-Capture Treatment Devices: The City Council approved an updated Watershed Protection Ordinance (Municipal Code section 9.18.115 Trash load reductions to storm drain collection system), which requires *regulated* new and redevelopment (C.3) projects to install and maintain full trash capture devices in all storm drain inlets on the project's private property. This ordinance was adopted to help prevent trash generated at business sites from entering the City's storm drainage system. No projects have been approved since the ordinance became effective in February 2012. Additionally, details on the City's plans for installation of required full-capture devices are discussed under C.10.a.iii below.

**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).

The Baseline Trash Load and Trash Load Reduction Tracking Method reports were submitted to the Water Board on February 1, 2012. See the C.10 Trash Load Reduction section of Program's FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees. Through monthly participation in the SCVURPPP Trash AHTG meetings, Cupertino staff reviewed and provided feedback on documents and databases developed through electronic review. City part-time staff also assisted with four stormwater characterization events beginning in May of 2011 where stormdrain inlet material was quantified and characterized from 71-155 sites around the Bay area.

**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 the Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership and an estimate of the total land area that is planned for treatment by July 1, 2014.

Description: The City is participating in the Bay Area-wide Trash Capture Demonstration Project. The only modification made to Cupertino's Short Term Plan during FY11-12 was a correction to the anticipated amount of drainage area to be treated by two CDS units from Contech Construction Products that are scheduled to be installed in Cupertino's retail area by November 1, 2012. The drainage area will be 81 acres rather than 84.4 acres, which still exceeds the acreage (64 acres) which is required to be treated by full trash capture devices in the City of Cupertino.

**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.

Cupertino conducted two hot spot assessments in FY 2011-2012, beyond the MRP requirements of cleaning each of its two hot spots once annually. See the attached table on the following page for the dates and locations of the hot spot assessments and the volume of material removed during each activity. Note the CUO01 assessment site had been partially cleaned on 1/21/12 by a volunteer group prior to the assessment. Each assessment includes photos taken before and after the cleanup and data is tracked using the Program's data collection form and Excel database.

**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. **Guidance: Do not leave any cells blank.**

Trash Hot Spot	Cleanup Date	Volume of Material Removed (Cubic Yards)	Dominant Type of Trash	Trash Sources (where possible)
<b>FY 2011-2012</b>				
CUO02	8/16/2011	0.605	Bottles (plastic or glass), Aluminum cans, Plastic bags, Spray paint cans, Styrofoam, Paper and cardboard, Wood Debris, Scrap metal	Litter, Illegal dumping, Trash accumulation
CUO01	9/17/2011	0.412	Plastic bags, Bottles (plastic or glass), Styrofoam, Aluminum cans, Other plastic products, Convenience/Fast Food items, Bricks, Wood Debris, Scrap metal	Litter, Illegal dumping, Trash accumulation
CUO01	1/27/2012	0.211	Other plastic products, Glass pieces, Styrofoam, Plastic bags, Aluminum cans, Bricks, Wood Debris, Concrete	Litter, Trash accumulation, Illegal dumping
CUO02	2/11/2012	0.205	Other plastic products, Styrofoam, Bottles (plastic or glass), Aluminum cans, Spray paint cans, Scrap metal	Litter, Illegal dumping, Trash accumulation
<b>Total</b>		<b>1.434</b>		

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) <sup>50</sup>	Estimated Percent Reduction as of FY 11-12 <sup>58</sup>	Estimated Dominant Types of Trash Removed in FY 11-12
Existing Enhanced Street Sweeping	The City of Cupertino’s baseline street sweeping program includes sweeping streets in residential and retail areas, and arterial roads twice a month. Parking enforcement signs for street sweeping are posted in some residential areas, and parking enforcement equivalent occurs during the hours of street sweeping in all commercial and retail areas.	67	0.6%	cigarette butts, cups, lids, straws, plastic utensils, snack wrappers, plastic bottles
CR-2 Polystyrene Foam Food Service Ware Policies	The City adopted a policy prohibiting food vendors and City staff from purchasing and distributing polystyrene foam food and beverage ware at City-sponsored events or on City-owned property, effective October 1, 2011. Staff developed outreach flyers for City staff, facility renters, and vendors regarding the ban and provides email reminders to City staff regarding the polystyrene ban. Plastic Bags and Polystyrene Bans were discussed throughout FY 11-12 with Council in preparation for the August 2012 Scoping Sessions.	241	2%	Polystyrene Foam food ware and cups
CR-3 Public Education and Outreach Programs	Campaigns conducted in FY 11-12 included the Watershed Watch anti-litter media campaign and outreach to elementary school children and teachers via 4 bi-lingual musical watershed assembly presentations at 2 school sites in Cupertino. Regional work began on the social networking strategy for the Bay Area-wide “Be the Street” campaign reaching out to teens and young adults. The City conducted a litter quiz and survey at its Earth Day Festival (an estimated 8,500 people attended the event) on April 21, 2012. Over 300 people provided hand-written responses. Visitors to the watershed booth were in favor of a citywide anti-	965	8%	All Trash Types

<sup>50</sup>The estimated load removed and percent reduction in FY 11-12 is consistent with assumptions described in the Trash Load Reduction Tracking Method Technical Report (version 1.0) submitted to the Water Board on February 1, 2012. In the future, load reductions reported in Annual Reports may be adjusted based on revisions to the tracking methodology.

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) <sup>50</sup>	Estimated Percent Reduction as of FY 11-12 <sup>58</sup>	Estimated Dominant Types of Trash Removed in FY 11-12
	littering law. The City gave away free reusable bags in preparation for a bag ban that will be considered by City Council in FY 12-13. Children and their families engaged in interactive play with an Enviroscape watershed model as they listened to anti littering messages.			
CR-4 Activities to Reduce Trash from Uncovered Loads	The City enforced uncovered loads through its municipal contract with its waste hauler. Although the City also enforces this requirement through the Sheriff's Dept, (CA Vehicle Code for vehicles transporting uncovered loads which includes fines), City staff will examine ways to verify how much litter is being reduced by Sheriff enforcement before claiming credit for this activity.	121	1%	All trash types originating from trucks
CR-5 Anti-littering and Illegal Dumping Enforcement Activities	The City's IDDE Inspector enforced no-litter requirements at businesses and shopping centers by requiring immediate cleanup and conducting investigations to determine the responsible party. Litter that appears on private property and debris or recyclables that are improperly stored where they can be blown or washed into the street, are the responsibility of the property owner. City staff requested and the SCV Water District provided signage to deter littering at one of the City's adopted trash hot spots. During a March City Council discussion on litter reduction strategy, the Mayor suggested adoption of an anti-littering ordinance and running a public outreach campaign recognizing the City of Cupertino as a "clean zone." Staff drafted an ordinance in June to be considered for adoption in FY 12-13. A public City Council study session is scheduled for Aug 7, 2012, which will determine next steps for staff in implementing new litter reduction activities.	362	3%	plastic carryout bags, cigarette butts, cups, straws, wrappers, bags of food, spray paint cans Styrofoam containers and other packaging

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) <sup>50</sup>	Estimated Percent Reduction as of FY 11-12 <sup>58</sup>	Estimated Dominant Types of Trash Removed in FY 11-12										
CR-6 Improved Trash Bins/Container Management	The City monitors residents and businesses with the help of its franchised waste hauler through public outreach and requirements in its franchise agreement to ensure sufficient service and adequate trash containment throughout the City.	362	3%	Recyclables, cardboard, glass, papers, plastic carryout bags, food waste, polystyrene foam containers, cigarette butts, cups and food wrappers										
QF-1 On-land Trash Cleanups	The City did not host any volunteer on-land cleanup events prior to the adoption of the MRP. Public Maintenance staff conduct an aggressive daily trash cleanup program for parks, medians and the public right-of-way which costs the City an estimated \$200,000/yr. The City began supporting volunteer cleanups by lending groups trash grabbers, bags, gloves & identifying areas that need litter removal. 200 Volunteers from Abundant Life Church conducted a Citywide cleanup in retail area & along arterials: Stevens Creek Blvd, Stelling Rd and De Anza Blvd from Aug 12 <sup>th</sup> -20 <sup>th</sup> , 2011. 17 full 13-gal. bags of litter were collected.	221	1.8%	Single-Use Plastic Bags, Cigarette Butts, Single-Use Food and Beverage Ware including Polystyrene and other packaging										
QF-6 Creek/Channel/Shoreline Cleanups	<p><b>City of Cupertino-led Creek Cleanups</b></p> <table border="0" data-bbox="604 1230 1360 1414"> <tr> <td>9-17-11 Coastal/Calabazas Crk/17 full 13 gal bags/4mi</td> <td>221</td> </tr> <tr> <td>5-19-12 Nat River/Calabazas Crk/8 full 13-gal bags/4mi</td> <td>104</td> </tr> <tr> <td>8-16-11/Hot Spot/Stevens Crk/2.5 30-gal bags/100yd</td> <td>75</td> </tr> <tr> <td>9-17-11/Hot Spot/Calabazas Crk/ 4 13 gal. bags/100yd</td> <td>52</td> </tr> <tr> <td>2-11-12/Hot Spot/Stevens Creek /89.75 gal/100yd</td> <td>90</td> </tr> </table>	9-17-11 Coastal/Calabazas Crk/17 full 13 gal bags/4mi	221	5-19-12 Nat River/Calabazas Crk/8 full 13-gal bags/4mi	104	8-16-11/Hot Spot/Stevens Crk/2.5 30-gal bags/100yd	75	9-17-11/Hot Spot/Calabazas Crk/ 4 13 gal. bags/100yd	52	2-11-12/Hot Spot/Stevens Creek /89.75 gal/100yd	90	727	6%	Plastic carryout bags, cups, bottles, snack wrappers, polystyrene foam containers, cans, disposable food ware, cigarette
9-17-11 Coastal/Calabazas Crk/17 full 13 gal bags/4mi	221													
5-19-12 Nat River/Calabazas Crk/8 full 13-gal bags/4mi	104													
8-16-11/Hot Spot/Stevens Crk/2.5 30-gal bags/100yd	75													
9-17-11/Hot Spot/Calabazas Crk/ 4 13 gal. bags/100yd	52													
2-11-12/Hot Spot/Stevens Creek /89.75 gal/100yd	90													

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) <sup>50</sup>	Estimated Percent Reduction as of FY 11-12 <sup>58</sup>	Estimated Dominant Types of Trash Removed in FY 11-12
	<p>1-27-12/Hot Spot/Calabazas/15gal-(prior-Clnup 1/21) 15</p> <p><b>Volunteer-led Creek Cleanups</b></p> <p>3-30-12/St Joseph's/Calabazas Crk/10 5gal bags/2mi 50</p> <p>1-21-12 Luth. Church/Calabazas/4 full 30 gal bags/4mi 120</p> <p>The City conducted four hot spot assessments and hosted International Coastal Cleanup Day at one site, and National River Cleanup Day at two sites (although trash removed was only documented for one site). The Calabazas site had been cleaned several times before May which accounts for less trash at that site. The City also assisted in supporting two volunteer led cleanups in FY 11-12. Approx. length of creek cleaned is noted above.</p> <p>The City regularly communicated with non-City volunteers to provide supplies, as needed, and coordinate cleanup events to ensure that efforts did not overlap. Next year City staff will assist volunteers in collecting accurate data, size of area cleaned, and photo documentation for all cleanup events.</p>			butts and packs, graffiti materials (e.g. spray paint cans, etc.)
Preliminary Estimate of Trash Load Removed (Gallons) in FY 2011-12		3,066		
Preliminary Baseline Trash Load Estimate (Gallons)		12,135		
Total Percentage Reduction in FY 2011-12 (Compared to Baseline Trash Load)		25.3%		

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 C.11 Section of SCVURPPP's FY 11-12 Program Annual Report for a list of mercury collection and recycling efforts conducted countywide and regionally.

**Mercury collection and recycling efforts conducted by the City are as follows:**

The City participates in the Program's Mercury Pollution Prevention Outreach Work Group & conducts local implementation of the Mercury Pollution Prevention Plan including public education at three community events per year on: 1) negative health and environmental impacts of mercury, and 2) proper disposal of products containing mercury.

Cupertino has been implementing a City policy requiring the elimination of mercury from controllable sources, since March 2004.

City maintenance staff is only using low-or no- mercury bulbs. No mercury switches or relays are being used. City maintenance staff has followed a specific protocol for disposal of fluorescent tubes. They are collected as universal waste and sent to a recycling facility for mercury recovery.

A staff produced laminated mercury spill guidance sheet is kept on hand to help Environmental Programs staff respond quickly to callers and a copy is kept in the Municipal Service Center or Corporation Yard office. A binder-sized copy was provided to include in the Municipal Service Center (Corporation Yard) SWPPP.

Mercury Thermometer Exchange Events for non-mercury thermometers:

- Cupertino Senior Center held a mercury exchange event on September 20, 2011. Approximately 53 thermometers were exchanged.

The City's waste and recycling collection agreement provides for door-to-door collection of household hazardous waste from all Cupertino households (including apartment units and condominiums). The door-to-door service has provided residents an additional opportunity for mercury containing product disposal. The City was required to be permitted by the Santa Clara County Certified Unified Program Agency (CUPA) to implement this program. Through this program, approximately 49,657 pounds of hazardous waste was collected in FY 2011-12. Out of the total HHW material collected, 12.25 pounds of mercury devices, 1021 pounds of fluorescent bulbs, and 590 pounds of batteries were collected. It is anticipated that this number will significantly increase next fiscal year as Cupertino residents learn more about this Program.

Residents were regularly referred to the City's HHW collector, WM At Your Door Services or the County's HHW drop-off program to properly dispose of hazardous material, including mercury-containing products. The City's single-family homeowners pay a nominal fee of \$0.45 cents per month for the City's HHW "At Your Door" collection program and apartment dwellers pay \$0.35 per month for the same service. The City also provided

supplemental funding to Santa Clara County's Household Hazardous Waste Program to ensure that Cupertino residents had appropriate and regular access to drop-off services for mercury-containing items, such as fluorescent lamps, batteries, e-waste and thermometers. By Agreement with the City's franchised waste hauler, Cupertino residents are allowed to place household batteries and CFLs in a clear, sealed plastic bag on top of their curbside recycling container for pickup on their regularly scheduled garbage day.

The HHW Program served 29,106 residents from July 1, 2011 through June 30, 2012. Approximately 3.3 million pounds of hazardous waste was managed safely and legally. There were a total of 61 collection events: 45 at two permanent facilities and 16 at temporary sites strategically located throughout the County, including one in Cupertino in October 2011. In addition, the Program served 508 small business drop-offs including local governments, Goodwill Industries, and the Salvation Army.

Mercury containing products collected through the Countywide HHW collection program:

- Total fluorescent lamps collected—120,236 pounds
- Total household batteries collected—137,548 pounds
- Elemental Mercury—360 pounds (includes thermostats, thermometers and other products)

At the end of FY 2011-2012, 42 retailers served as fluorescent lamp drop-off locations and 63 locations served as battery drop-offs.

The City of Cupertino and its garbage & recycling company offered three free Environmental Recycling Days allowing residents to drop off used fluorescent bulbs, U-Waste and E-Waste. Cupertino residents participated in the collection events on: 10/22/11, 1/21/12 and 5/19/12. Mercury containing products collected at these events were:

- Total fluorescent lamps collected—714 pounds
- Total household batteries collected—1,360 pounds
- Elemental Mercury—un-documented amount (included thermostats, thermometers and other products)

The City's battery collection bin in the City Hall copier room provides a convenient collection point for city staff to safely dispose of spent batteries. A notice was emailed to all employees in September 2011, reminding staff to use the collection bin.

The County HHW program requested that municipalities encourage franchised haulers to coordinate with the program to have batteries that are collected curbside paid for with a grant HHW received (one out of 6 offered nationwide) from battery manufacturers to pay to recover batteries. This is an important step in Extended Producer Responsibility (EPR) support. Per Cupertino's Franchise Agreement its franchised waste hauler, Recology, supports EPR and writes support letters for EPR legislation. This is very good news, as EPR continues to grow swiftly thanks to our Countywide program.

Public awareness promotes responsible disposal and recycling of mercury containing products. Please see the City's Public Information (C7) annual report (Section 7-1) for additional environmental public education conducted by the City during FY11-12.

- a) The City provided thirteen Water Monitoring Kits to Acterra to assist them with their Volunteer Creek Monitoring Program.

**C.11.a.ii ► Mercury Collection**

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

Please refer to the FY 11-12 Countywide Program Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the Countywide Program area.

Type of Material	Material Recycled via City's Residential Collection Program – WM At-Your-Door
Fluorescent Tubes	997.25 lbs
Fluorescent Tubes	719.24 ft
Fluorescent Compacts	85 ea
Lamps Other	82.25 lbs
HID (High Intensity Discharge)	n/a
Batteries (lbs) (Batteries, Dry, containing Potassium Hydroxyde)	253 lbs
Batteries (lbs) (Batteries, Wt, filled with Acid or Alkali 8)	337 lbs
Mercury Devices	12.25 lbs

Please see the FY 11-12 Countywide Program Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the Countywide Program area. The City of Cupertino does not explicitly calculate the total mass of mercury collected.

**FY 11-12 Collection of mercury containing products from City facilities**

Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps <sup>51</sup> 2 FT	27	Not tracked by the City
Fluorescent Lamps <sup>52</sup> 3 FT	83	Not tracked by the City
Fluorescent Lamps <sup>53</sup> 4 FT	1159	Not tracked by the City

<sup>51</sup> Only linear fluorescent lamps should be included

<sup>52</sup> Only linear fluorescent lamps should be included

<sup>53</sup> Only linear fluorescent lamps should be included

Fluorescent Lamps <sup>54</sup> 9 FT	7	Not tracked by the City
CFLs <sup>55</sup> (each)	390	Not tracked by the City
HID (High Intensity Discharge)	269	Not tracked by the City
Batteries (lbs) (Batteries, Dry, containing Potassium Hydroxyde)	523	Not tracked by the City
Batteries (lbs) (Batteries, Wt, filled with Acid or Alkali 8)	592	Not tracked by the City
Thermostats <sup>56</sup> (each)	0	Not tracked by the City
Thermostats (lbs)	0	Not tracked by the City
Thermometers (each)	0	Not tracked by the City
Switches (lbs)	0	Not tracked by the City
<b>Total Mass of Mercury Collected During FY 2011-2012:</b>		Not tracked by the City

<sup>54</sup> Only linear fluorescent lamps should be included

<sup>55</sup> Only compact fluorescent lamps should be included

<sup>56</sup> Thermostats can be reported by quantity or by pounds. Whichever unit is used, please avoid double-counting.

- C.11.b ▶ Monitor Methylmercury**
- C.11.c ▶ Pilot Projects to Investigate and Abate Mercury Sources in Drainages**
- C.11.d ▶ Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices**
- C.11.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit**
- C.11.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs**
- C.11.g ▶ Monitor Stormwater Mercury Pollutant Loads and Loads Reduced**
- C.11.h ▶ Fate and Transport Study of Mercury In Urban Runoff**
- C.11.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region**
- C.11.j ▶ Develop Allocation Sharing Scheme with Caltrans**

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

Summary

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

Section 12 - Provision C.12 PCBs Controls

**C.12.a.ii,iii ▶ Ongoing Training**

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

Description:

At the February 7, 2012, Stormwater Workshop for Construction Site Inspectors, City Inspectors reviewed Municipal Regional Stormwater Permit Requirements for Inspectors of Construction sites, Key Requirements of the Construction General Permit, Construction BMP's, Enforcement Experiences, Construction Site Compliance, At the February 15, 2012, IDDE & IND, Environmental Programs staff and IDDE/IND Inspector attended a training which included a discussion on how to identify and look for PCBs during site visits. Cupertino Inspectors have not yet identified any sites where PCBs might be found in Cupertino.

On May 23, 2012 Cupertino's Code Enforcement staff attended an Industrial & Commercial Inspector Stormwater Training, which included discussion of Pollutants of Concern. On June 12, Cupertino's Building Department and Environmental staff attended an Industrial & Commercial Inspector Stormwater training, which provided guidance for inspectors on locating and identifying Mercury, PCBs and Copper during inspections.

See the FY 11-12 Program Annual Report for a description of training provided countywide and/or regionally, and report on any local training efforts, if applicable.

- 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 11-12 Annual Report and/or the BASMAA Regional POC Report.

Section 13 - Provision C.13 Copper Controls

C.13.a. iii.(1) ► Legal Authority: Architectural Copper	X	Yes		No
<p><i>(For FY 10-11 Annual Report only)</i> 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?</p>				
<p>The City's Stormwater Pollution Prevention and Watershed Protection Ordinance does not allow for exterior architectural copper on any new or redevelopment projects within the City.</p> <p><b>City of Cupertino Ordinance Text (Municipal Code Section 9.18.210.4.M. Copper Roofing and Architectural Materials.):</b></p> <ol style="list-style-type: none"> <li>1. Copper metal roofing, copper granule-containing asphalt shingles and copper gutters shall not be permitted for use on any residential, commercial or industrial building for which a building permit is required.</li> <li>4. All dischargers must implement and maintain minimum best management practices. The Director of Public Works may require submission of information to evaluate the implementation and/or require the implementation of BMPs to prevent pollutant sources from entering the City's storm drain collection system associated with outdoor process and manufacturing areas, outdoor material storage areas, outdoor waste storage and disposal areas, outdoor vehicle and equipment storage and maintenance areas, outdoor parking and access roads, outdoor wash areas, outdoor drainage from indoor areas, rooftop equipment, contaminated and erodible surfaces, or other sources determined by the director to have a reasonable potential to contribute to pollution of stormwater runoff. Minimum BMPs and source control measures for all dischargers include, but are not limited to the following:</li> </ol> <p><b>City of Cupertino Ordinance Text (Municipal Code Sections 9.18.040.A and B. Discharge into the Storm Drain Prohibited):</b></p> <ol style="list-style-type: none"> <li>A. It is unlawful to cause, allow, or permit to be discharged, any discharge not composed entirely of stormwater to the storm drain system or to surface waters or to any location where it would contact or eventually be transported to surface waters, including flood plain areas, unless specifically called out in the Municipal Regional Permit as an exempt or conditionally exempt discharge.</li> </ol> <p>See the full text for Cupertino Municipal Code Chapter 9.18 at the following link:  <a href="http://www.alegal.com/nxt/gateway.dll/California/cupertino/cityofcupertinocaliforniamunicipalcode?f=templates\$fn=default.htm\$3.0\$vid=amlegal:cupertino_ca">http://www.alegal.com/nxt/gateway.dll/California/cupertino/cityofcupertinocaliforniamunicipalcode?f=templates\$fn=default.htm\$3.0\$vid=amlegal:cupertino_ca</a></p>				

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

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

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

In August 2011, SCVURPPP developed a fact sheet entitled "Requirements for Copper Roofs and Other Architectural Copper - Protect water quality during installation, cleaning, treating, and washing!" The fact sheet describes BMPs for proper disposal of copper-containing wash water. The fact sheet was provided to Cupertino at the Program's Construction Site Inspection Workshop held on February 7 and 8, 2012. In addition, information on BMPs was provided to attendees of the Program's IND/IDDE Training Roundtable, held on May 23, 2012, and hard copies of the fact sheet were included in the workshop folder.

City inspectors attended the workshop Construction Site Inspection Workshop held on February 7 and 8, 2012, where they were trained on managing wash water from architectural features. The City doesn't allow copper roofs in Cupertino, however, if there are any sites with copper architectural ornaments, proper BMPs must be followed to manage or wash these copper architectural ornaments.

On June 12, 2012, the City's Building Department attended an Industrial and Commercial Inspector Stormwater Training and discussed the MRP maintenance BMP's for small copper architectural ornaments, and other architectural copper (the City prohibits the use of cooper roofs, copper granule-containing asphalt shingles and copper gutters per Municipal Code Section 9.18.210.E). Building Inspectors and technicians provide information to residents during the architectural design process. The Building Inspectors performed 17,487 inspections in FY 11-12. The Inspectors are a good team to identify any illicit discharges of copper cleaning. The Requirements for Copper Roof and other Architectural Cooper is also on the City's Environmental Programs Website.

For information on the City's Carwash Kit, please refer to section C.13.c Vehicle Brake Pads below.

**C.13.b. 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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**See the text for Cupertino's prohibition of pool** and spa discharges in Cupertino's Municipal Code Section 9.18.210 C at the following link:

[http://www.amlegal.com/nxt/gateway.dll/California/cupertino/cityofcupertinocaliforniamunicipalcode?f=templates\\$fn=default.htm\\$3.0\\$vid=amlegal:cupertino\\_ca](http://www.amlegal.com/nxt/gateway.dll/California/cupertino/cityofcupertinocaliforniamunicipalcode?f=templates$fn=default.htm$3.0$vid=amlegal:cupertino_ca)

Staff continues to reprint and distribute the brochure entitled *Draining Pools and Spas*, which provides information on proper methods of draining, maintaining, and cleaning pools and spas and avoiding use of copper-based algaecides. Draining Pools and Spas is also on the City's website at <http://www.cupertino.org/index.aspx?page=169>.

**C.13.c ► Vehicle Brake Pads**

A summary of the countywide Program's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of SCVURPPP's FY 11-12 Annual Report and/or the BASMAA Regional POC Report.

Brake Pad brochure is advertised on the City's website <http://www.cupertino.org/index.aspx?page=169>, and brochures are distributed at outreach events and festivals.

To help prevent pollution from car wash events, Cupertino provided a Sudsafe storm drain protection kit that can be borrowed by nonprofit and school groups (e.g., Cupertino High School & a local church) for six fundraising car wash activities. Along with other supplies, the kit contains an insert to block a storm drain and a pump to divert wash water to nearby landscaping or to the sanitary sewer for treatment and discharge. The "How to Hold a Car Wash" flyer is on the City's website <http://www.cupertino.org/index.aspx?page=169>.

**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

**Cupertino's Industrial and Commercial Copper Controls**

There are currently no known facilities in Cupertino likely to be sources of copper, such as plating facilities, metal finishers, or auto dismantlers. However, as part of the City's Industrial & Commercial inspection program, the City's IND Building Department inspectors and the IDDE Inspector regularly inspect facilities engaging in activities that are potential sources of copper, such as automotive service shops.

City inspectors verify that gas stations and vehicle repair shops understand and comply with stormwater requirements for vehicle washing and the City's IDDE Inspector conducts annual inspections of facilities with any previous violations.

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 SCVURPPP's FY 11-12 Annual Report and/or BASMAA Regional POC Report.

During FY 11-12 Cupertino swept approximately 13,045 miles of paved streets and removed approximately 2,239 cubic yards of material.

**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.

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 SCVURPPP's FY 11-12 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 SCVURPPP's FY 11-12 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 type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If <b>No</b> , skip to C.15.b.vi.(2):				
If <b>Yes</b> , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.				
Comments: The Fire Department conducts emergency fire, water testing. They refer all contractors back to the City as a requirement before testing. The City requires the contractors to fill out a form, and to agree to prevent all potable water discharges from entering into the storm drain system. No potable water discharges are allowed in the City of Cupertino storm drain system.				

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

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are: <ul style="list-style-type: none"> <li>• Promote conservation programs</li> <li>• Promote outreach for less toxic pest control and landscape management</li> <li>• Promote use of drought tolerant and native vegetation</li> <li>• Promote outreach messages to encourage appropriate watering/irrigation practices</li> <li>• Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.</li> </ul>
Summary: See the C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of SCVURPPP's FY 11-12 Annual Report. The City's Water Efficient Landscaping ordinance, 14.15, requires sites to reduce water waste in landscaping by promoting the use of region appropriate plants that require minimal irrigation and by establishing irrigation efficiency. The City modeled this efficiency in FY 10-11 by replacing 92 irrigation controllers with evapo-transpirative weather based controllers, which achieved significant water savings as well as reducing unnecessary runoff. In FY11-12 the City's data showed a decrease of 60 million gallons of water and a savings of \$80,000. Please see the SCVURPPP Annual Report, Section C.15, for details on Countywide efforts related to conditionally exempt discharges and defining a new category of potable water discharges entitled "Low Impact Planned Potable Water System Release." The City's IDDE Inspector is trained to identify and respond to ongoing, large volume landscape irrigation runoff and works with businesses and residents to prevent incidents of excess runoff from sources such as water sprinklers and other landscape irrigation methods. If businesses or residents do not comply with recommendations to prevent irrigation runoff such as using less water, fixing broken equipment, or using more efficient timers, the IDDE inspector has the authority to escalate enforcement as described in the IDDE ERP.