



PUBLIC WORKS DEPARTMENT

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September 15, 2013

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

Subject: **City of Cupertino FY 2012-2013 Annual Report**

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by City of Cupertino pursuant to Permit Provision C.16.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2009-0074, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of activities conducted during FY 2012-2013 and consists of the following:

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

This year focused on the short term litter reduction plan, including installation of full trash capture devices, and the adoption of the City of Cupertino's reusable bag ordinance and anti-litter ordinance. These initiatives were carried out in preparation for the longer term goal of 100% reduction in visible litter impact by 2022, as handed down from the State of California.

Program Highlights and Accomplishments

Full Trash Capture Devices (FTCDs): 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 litter and trash on commercial sites from entering the streets or City's storm drainage system. Fifty-two FTCDs were installed in October 2012; curb inlet screens were installed on 49 of the 52 catch basins with FTCDs. The City will check to see if the curb inlet screens stop most of the debris at the street level making it easy for removal during bi-weekly

street sweeping, rather than requiring more frequent maintenance of underground FTCDs by City staff. Annual maintenance will be tracked through the City's asset management work order system.

Reusable Bag Ordinance: The City adopted a Bag Ordinance on March 5, 2013, to comply with the State's regional San Francisco Bay anti-litter and water protection mandates. This ordinance prohibits the distribution of thin plastic carry out bags. Starting October 1st, 2013 stores in Cupertino will be required to charge \$0.10 for a recycled paper bag. Stores will not be allowed to give out free thin plastic shopping bags. Shoppers may use their own reusable bags and avoid paying the \$0.10 per bag charge. The City advertised extensively through newspapers, *Cupertino Courier*, *Cupertino Scene* newsletter, letters to Cupertino businesses, numerous presentations to businesses and residents, flyers, posters, shopper cart corral signs, messaging to Cupertino residents in Recology's (Cupertino's waste hauler) quarterly bill, and knock and talk visits to all of the business that will be affected by the ban. The City has been commended for its successful outreach campaign prepared to ease implementation of this Ordinance.

Anti-Litter Ordinance: The City adopted an anti-littering ordinance, which became effective on April 5, 2013, for use in all areas of the City, with special attention in high litter generating areas. Chapter 9.18 (Stormwater Pollution Prevention and Watershed Protection) makes littering in the City of Cupertino an infraction that carries a fine and requires, as part of the City's project review process, the requirement to install public waste and recycling bins on private property at new and redeveloped commercial and retail sites within the City. The ordinance is intended to hold individuals responsible for littering as a litter prevention measure.

In addition, the following litter management and anti-litter enforcement amendments were made to Chapter 9.18 (Stormwater Pollution Prevention and Watershed Protection) of the Cupertino Municipal Code:

- New commercial and retail development projects must provide installed outdoor trash-recycle-compost container sets — an expansion of the state law requiring trash containers in public places.
- Expanded bin/container management source control measure named in the BASMAA litter reduction guidance. Section 9.18.215 (Litter Prevention and Enforcement) was added to make littering in the City of Cupertino a violation with a fine.
- Litter violations require property owners to maintain disposal or recycling receptacles in such a manner that will prevent litter from being scattered to public areas, including a requirement to prevent bins from overflowing and keep lids closed.
- Property owners are to keep the perimeter, front and sidewalks of the property free of loose litter.
- Persons cannot drive or move any open vehicle or trailer within the City unless there is a tarp over the contents of the material or the material is contained in such a manner as to prevent litter dispersion.

EPS Foam Food Ware Ordinance: The City of Cupertino began the review process to consider adoption of an ordinance that would restrict the use of Expanded Polystyrene (EPS) foam food ware packaging by Cupertino restaurants and food service establishments. The City participated in San José's EPS Foam Food Ware Initial Study CEQA Review which resulted in a Mitigated Negative Declaration. The proposed Expanded Polystyrene (EPS) Foam Food Service Ware Ordinance is a model ordinance that would regulate the use of EPS foam food service ware within participating jurisdictions (all of Santa Clara County, including Cupertino). It

is anticipated that adoption will occur during FY 13-14. Cupertino, Los Altos, Sunnyvale and Mountain View planned to co-host a Food Ware Vendor Open House which is scheduled for August 6th, 2013 to present local restaurants with alternative food ware packaging to reduce litter and improve water quality.

Lastly, the aforementioned efforts have directly supported Cupertino's business community, particularly those involved with GreenBiz Cupertino, the City's green business certification program. Keeping trash enclosures clean and free of litter, eliminating EPS foam food ware, and switching from plastic to paper bags are all steps in the certification process, and complying with these new and proposed ordinances helps move businesses closer to certification. The City's support is reciprocal: working with businesses through GreenBiz helps extend compliance of the City's anti-litter initiatives and the certified businesses serve as models of implementation.

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

Very truly yours,

A handwritten signature in cursive script that reads "Cheri Donnelly".

Cheri Donnelly
Environmental Programs Manager
Public Works Department
City of Cupertino



CITY OF CUPERTINO FY 2012-2013 ANNUAL REPORT

Certification Statement

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

Signature by Duly Authorized Representative:

A handwritten signature in blue ink, appearing to read "Timm Borden", is written over a horizontal line.

Timm Borden
Director of Public Works

8-29-2013

Date

**FY 2012-2013 Annual Report
City of Cupertino**

ATTACHMENT B

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Cupertino Acronyms/Abbreviations

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
SCC RWRC TAC	Santa Clara County Recycling & Waste Reduction Commission Technical Advisory Committee
WV	West Valley (communities)

SCVURPPP Acronyms/Abbreviations

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

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

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
FTCD	Full Trash Capture Devices
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

SCVURPPP Acronyms/Abbreviations

IPM	Integrated Pest Management
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

SCVURPPP Acronyms/Abbreviations

NAIOP	National Association of Industrial and Office Properties
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

SCVURPPP Acronyms/Abbreviations

RARE	preservation of rare and endangered species
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

SCVURPPP Acronyms/Abbreviations

SWANA	Solid Waste Association of North America
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

SCVURPPP Acronyms/Abbreviations

Work Group “I”	SCBWMI Phase I Indicators Work Group
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

Section 1 – Permittee Information

SECTION I. BACKGROUND INFORMATION

Background Information			
Permittee Name:	City of Cupertino		
Population:	59,022		
NPDES Permit No.:	CAS612008		
Order Number:	R2-2009-0074R		
Reporting Time Period (month/year):	July 2012 through June 2013		
Name of the Responsible Authority:	Timm Borden	Title:	Director of Public Works
Mailing Address:	10300 Torre Avenue		
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:	CheriD@cupertino.org		

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

SWPPP

Updated the Corp Yard SWPPP in April 2013. Revisions include changing one of the responsible Yard staff and clarifying the frequency of cleaning BMPs, such as pavement, drain inlet, and trench drain cleaning, and more detail regarding the various Yard stormwater-related inspections.

Maintenance Yard inspections

Arranged annual Maintenance Yard inspections to occur in August or September. Scheduled drain inlet inspections to occur the Monday after quarterly inlet cleaning by weekend work crew.

Training

Eleven City maintenance workers attended the SCVURPPP Municipal Maintenance Workshop on May 7, 2013.

Barragan	IDDE Inspector
Bloomquist	Streetlight Worker (Streets)
Bloomquist	Maintenance Worker 111 (Facilities)
Bridge	Maintenance Worker 11 (Grounds)
Fauth	Maintenance Worker 11 (Streets)
Laitila	Maintenance Worker 11 (Grounds)
Schmitt	Maintenance Worker 1 (Trees)
Tognetti	Maintenance Worker 11 (Streets)
Villa	Maintenance Worker 1 (Trees/Roads)
Villalovos	Maintenance Worker 11 (Streets)
Wolfe	Maintenance Worker 11 (Streets)

On November 1, 2012, the City's Environmental Programs Manager conducted annual training for Cupertino Yard staff on Provision C.2 of the NPDES Permit. Topics covered included Street & Road Repair, Surface Washing, Bridge & Structure Maintenance, Graffiti Removal, Pollutants of Concern (Litter and Trash), Service Yard Maintenance, Storm Drain Cleaning, Grounds Maintenance & IPM, and Facilities Maintenance. As a result of this training, five Yard field workers and the City's Streets Supervisor went on to obtain BASMAA Certificates of Training in Surface Cleaning.

Storm Drain Markers

Summary: City staff recently repainted 230 stencils and installed 673 stainless steel medallions. The drain inlets with updated markings are recorded in the City's GIS storm water system.

Percentage of storm drain inlet stencils inspected and (as needed) maintained as legible in prior years:

2009-2010: 95%
2010-2011: 94%
2011-2012: 94%
2012-2013: 96%

Planned:

2013-2014: 98%
2014-2015: 99.5% (.5% allowed for any unforeseen issues that may come up).

The City purchased 1,500 stainless steel "No Dumping Drains to Creek" medallions in FY 12-13 to replace painted stencils. About half were installed in FY 12-13. More medallions will be purchased as needed and installation will continue until all markable inlets are labeled.

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

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

Y	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
Y	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.
Y	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 works projects and are standard operating procedures for city personnel. The City's IDDE Inspector, as part of the Maintenance Division, provides ongoing education to maintenance staff and assists in conducting the City's storm drain inlet cleaning and labeling. All maintenance staff have been trained to use BMPs and attend annual training at the Service Yard where the City's compliance with water quality requirements and the MRP is discussed as it applies to current street and storm drain projects. The IDDE inspector ensures that all contractors and City staff use effective BMPs.

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

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

Y	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
Y	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. See Highlights section above for information on staff training and BASMAA surface cleaning certification.

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

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

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

Comments: During FY '12-'13, the City did not perform any bridge or structure maintenance or graffiti removal near watercourses. Training was provided at the annual Municipal Maintenance training meeting on Nov. 1, 2012.

C.2.d. ► Stormwater Pump Stations

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

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

Does your municipality own/maintain rural ¹ roads:	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If your answer is No then skip to C.2.f.				

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

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

Comments, including listing increased maintenance in priority areas:
 During FY 12-13, the City did not construct any new rural roads, bridges, or culverts, or repair or perform major maintenance on existing rural roads or associated structures. Minor maintenance consisted of vegetation control, done by hand with supervising City staff trained annually on IPM practices for rural roads.
 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 west end of Regnart Road west of Lindy Lane and Stevens Canyon Road southwest of Ricardo Road to the City limit at the entrance to

¹ Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

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 and, if applicable, in response to complaints. The Assistant Director of Public Works 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 implemented by City staff whenever work is done in "rural" areas. The last maintenance of these roads was 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.

C.2.f. ► Corporation Yard BMP Implementation

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

<input type="checkbox"/>	We do not have a corporation yard
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)

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

<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

The City of Cupertino has one municipal corporation yard, which is not regulated under the State Industrial General Permit.

The City conducts an annual pre-rainy season inspection. Observations made at this inspection, conducted on July 17, 2012, are summarized below. The City's Hazardous Materials Operations Technician also conducts weekly Yard inspections to document any areas needing attention, including potential non-stormwater discharges and other general housekeeping concerns. Additionally, the Haz Mat Technician inspects all Yard storm drain inlets after quarterly inlet filter cleaning. Inspection records are kept at the corp yard and by the City's Environmental Programs Manager.

Several additional stormwater BMPs were implemented at the Yard in FY' 12-'13.

- In July 2012, Elmwood work crew began routinely cleaning the trench drains at the fuel island
- In Sept. 2012, a plastic berm (2-1/2" height) was installed across the front of the wash rack to control runoff from vehicle/equipment cleaning
- In April 2013, City crews installed 4" stainless steel "No Dumping" markers at the on-site storm drain inlets, except at DI-6, located in a dirt area. The metal markers replace "No Dumping" stencils previous applied, which were not very durable. Yard staff are evaluating the feasibility of installing a marker at DI-6.
- Augmented record keeping of inspections and cleaning activities. For example, routine trench drain cleaning is now documented on records generated by the Haz Mat Technician, during his inspections done the Monday following each cleaning.

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
Service Center	7-17-2012	<ul style="list-style-type: none"> - Small amount of sediment present in fuel island trench drain - Paper, leaves, and other debris present in DI-8 and on adjacent pavement (by loading dock/warehouse) - Pavement staining where contract sweeper trucks used to park by Admin Bldg. - Green waste in front of the Yard Waste storage area - Sediment build-up at the back (west) end of the wash rack, but area in front (east) of rack is very clean and there are no drain inlets near this area - Straw wattles in poor condition near wash rack/stripping test area and at DI-6. There are no drain inlets in or near the wash rack/stripping area, but the wattle helps collect sediment so it can be more readily collected and disposed. 	<p>Follow-Up Action Needed or Recommended:</p> <ol style="list-style-type: none"> 1. On July 18, 2012, Elmwood work crews cleaned sediment from fuel island trench drains and began routine cleaning at this location 2. On July 18, 2012, Elmwood work crews cleaned debris in and around DI-8 3. Although the former sweeper parking area was cleaned repeatedly since sweepers were removed a few years ago, the area is still stained. Overlaying or removing/replacing stained pavement are not justified as stains no longer appear to be source of runoff pollution. 4. Yard crews are reminded to back-in as far as possible when dumping into bunker area. Material is regularly pushed back, especially when rain is forecast. 5. Yard staff are reminded to clean waste and

			<p>dispose to tote in wash rack area. The Haz Mat Technician takes care of this if Yard crews forget.</p> <p>6. The straw wattle at DI-6 (behind the warehouse) was replaced with a gravel filter sock in Aug. 2012. The straw wattle near the wash rack has not been replaced, as there is an on-going effort to clean the area. Once this work is done, Yard staff will decide whether to place a new straw wattle or use a different sediment collection method.</p>
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Section 3 - Provision C.3 Reporting New Development and Redevelopment

C.3.b.v.(2)(a) ► Green Streets Status Report

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

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

The City of Cupertino does not have any green street projects. The C.3 New Development and Redevelopment section of the Santa Clara Valley Program's FY 12-13 Annual Report includes a description of Program and regional green street pilot activities.

C.3.b.v.(2)(c) ► Summary of Green Street Projects Completed by January 1, 2013

(For FY 12-13 Annual Report only) Provide a summary of all green street projects completed by January 1, 2013.

Summary:

BASMAA has prepared a regional summary of all green street pilot projects. The Green Street Pilot Project Summary Report is being submitted by BASMAA, on behalf of the MRP permittees, in BASMAA's MRP FY 12-13 Regional Supplement – New Development and Redevelopment. The Green Streets Pilot Project Summary Report contains all of the required elements listed in Provision C.3.b.v.(2)(c) for all green street projects completed by January 1, 2013, as well as information on projects not yet completed.

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

Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information. Regulated projects are reported in The C.3.h.iv.(1) reporting table, parts 1 and 2, below.

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

(For FY 11-12 Annual Report and each Annual Report thereafter) Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?		Yes	X	No
Comments: 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)?		Yes	X	No
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2013 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.		Yes	X	No
If you answered "Yes" to either question, 1) Complete Table C.3.e.vi. below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.				

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

(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information.
(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.
Summary: The permanent treatment systems installed on regulated projects have been well-maintained and only one type of treatment measure (vegetated swales in FY 2008) has had any significant problems. Vegetated Swales Vegetation was dying in bio-swales in a parking lot where the swales were subject to excessive foot traffic and pavement-generated heat. The swales were remediated and have not shown any signs of problems during subsequent inspections since 2009. 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.

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

Summary:

FY 2012-13 was the first year that the City of Cupertino inspected less than 100% of the C.3 regulated project sites. The change was made after three years of clean inspections at most of the older C.3 regulated sites and to allow more time to focus on inspection of newer projects. The goal for fiscal year 2013-2014 is contractor accountability which includes City staff ensuring that developers notify the City Public Works Inspector 48 hours prior to starting work and having signed approved plans rather than only grading and encroachment permits. Before any dirt is moved, all erosion control will be installed according to an approved plan. Even though the Public Works Engineer tells project owners to call the Public Works Inspector before starting, there needs to be follow-up to ensure this happens.

The City's O&M Inspection program is working well. Components that contribute to the program's success include:

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 recover the costs from the owner.

Selection of Annual O&M Inspection Sites:

- Permanent installed treatment measures at all C.3 regulated project properties were inspected annually until FY 12-13 when the number of projects increased beyond what could be inspected annually. All newly installed treatment measures are inspected by the Public Works Inspector within 45 days of installation.
- The City inspects at least 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 (a certified QSP) tracks the construction of permanent treatment measures during (C.6) 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 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 City's 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 Engineer or Public Works administrative staff will contact each C.3 regulated site owner/manager to arrange a mutually agreeable inspection appointment, if an appointment is 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

<p>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.</p> <ul style="list-style-type: none"> 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. <p>Permanent Treatment O&M Inspection and Enforcement Procedures</p> <ul style="list-style-type: none"> 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 and verified within ten working days of the inspection or before the next anticipated rain. 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 proceedings as provided in City's Construction Enforcement Response Plan (ERP) and in City Code Section 9.18.190. Once all necessary repairs have been completed, the Public Works Inspector will note this in the City's Permanent Treatment O&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). 					
(4) During the reporting year, did your agency:					
<ul style="list-style-type: none"> Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation? 	X	Yes		No	Not applicable. No new facilities were installed.
<ul style="list-style-type: none"> Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls?¹ 	X	Yes		No	Not applicable. No treatment measures
<ul style="list-style-type: none"> Inspect at least 20 percent of the total number of installed vault-based systems? 	X	Yes		No	Not applicable. No vault systems.
<p>Comments: The City inspected 38% of its 21 regulated project sites. For the last 3 fiscal years the City of Cupertino has inspected all of the installed stormwater treatment systems on private property at regulated sites. This fiscal year the City inspected 10 sites and all systems were operational and being maintained. There are 15 mechanical units installed in Cupertino at regulated project sites. During FY 12-13, the 7 inspections of mechanical units (40%) were conducted.</p>					

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

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

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

Summary:

1. Cupertino Municipal Code **9.18.100.C.8** requires all applicable projects (approved after December 1, 2012) to implement one or more of the site design measures listed in Provision C.3.i.
[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)
2. Public Works' Engineering division updated its Plan Check Comment form and the Public Works Confirmation form in Planning's online application packet to require that roof downspouts direct stormwater to landscaped area (for infiltration).
3. The City's Planning and Building lobby was stocked with BASMAA-prepared standard specification fact sheets (on Rain Gardens, Rain Barrels & Cisterns, Pervious Pavement and Landscape Designs for Stormwater Management) to assist small project applicants with the implementation of the site design measures listed in Provision C.3.i.

City Code Excerpt

CMC 9.18.100.C.8: Effective December 1, 2012, all development projects that require approvals and/or permits issued from the City, and which create and/or replace more than 2500 square ft, but less than 10,000 square ft of impervious surface, and detached single-family home projects, which create and/or replace 2,500 square feet or more of impervious surface, must install one or more of the following site design measures (MRP Provision C.3.i): Direct roof runoff into cisterns or rain barrels for reuse; Direct roof runoff onto vegetated areas; Direct runoff from sidewalks, walkways, and/or patios onto vegetated areas; Direct runoff from driveways and/or uncovered parking lots onto vegetated areas; Construct sidewalks, walkways, and/or patios with permeable surfaces; Construct bike lanes, driveways, and/or uncovered parking lots with permeable surfaces.

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 ⁸ , Street Address	Name of Developer	Project Phase No. ⁹	Project Type & Description ¹⁰	Project Watershed ¹¹	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹²	Total Replaced Impervious Surface Area (ft ²) ¹³	Total Pre- Project Impervious Surface Area ¹⁴ (ft ²)	Total Post- Project Impervious Surface Area ¹⁵ (ft ²)
Private Projects											
Homestead Square - Phase 2	20578 Homestead Rd	The Sobrato Organization	2 of 2	5 new buildings, 4 existing buildings and a new parking lot	Sunnyvale East Channel	12.40	12.40	0	489,117	499,788	489,117
Lands of McClellan - Bollinger Subdivision	7803 Bollinger Road – West Terminus of Bollinger Rd	McClellan Development	1 of 1	5 lot residential subdivision	Calabazas Watershed, via Regnart Creek	1.14	0.95	24,851	0	0	24,851
Bay Club Cupertino	10101 N Wolfe Road	Western Athletic Clubs & Sears	1 of 1	T.I. to existing Sears building with parking lot improvements	Calabazas Watershed	17.05	0.95	28,286	3388	658,077	676,609
Rosebowl	19800 Vallco Parkway	KCR Development	1 of 1	Redevelopment (Residential/Comm/ Restaurants)	Calabazas Watershed	5.86	5.86	28,319	210,695	210,695	239,014
Public Projects											
None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

⁸ Include cross streets

⁹ 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".

¹⁰ 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.

¹¹ State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

¹² All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹³ All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁴ For redevelopment projects, state the pre-project impervious surface area.

¹⁵ For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Application Deemed Complete Date ¹⁶	Application Final Approval Date ¹⁷	Source Control Measures ¹⁸	Site Design Measures ¹⁹	Treatment Systems Approved ²⁰	Type of Operation & Maintenance Responsibility Mechanism ²¹	Hydraulic Sizing Criteria ²²	Alternative Compliance Measures ^{23/24}	Alternative Certification ²⁵	HM Controls ^{26/27}
Private Projects										
Homestead Square - Phase 2	Deemed Complete: 10/6/11	Final Discretionary Approval: 10/11/11 Bldg. Permit: 3/5/13	Properly Designed Trash Storage Areas; Storm Drain Stenciling	Limit direct connections from impervious areas into the storm drain system	Biotreatment Basins; Cartridge Filter System; Modular Wetlands Systems	O&M Agreement with Private Landowner	2c f	N/A	Third party review certifying adherence to C.3.d by Shaaf and Wheeler	Exempt from HM because decrease in total impervious surface area from the pre-project condition.
Lands of McClellan - Bollinger Subdivision	Deemed Complete: 3/7/12	Final Discretionary Approval: 4/17/12 Bldg. Permit: 4/30/13	Beneficial landscaping; Storm Drain labeling	Minimize land disturbed; pervious surfaces and pavement; disconnected downspouts	Detention & Infiltration	O&M agreement with private owners	2b	N/A	Third party review certifying adherence to C.3.d by M. Campbell of HMM	Exempt from HM because land disturbed is less than 1 acre.
Bay Club Cupertino	Deemed Complete: 3/31/11	Final Discretionary Approval: 4/12/11; Bldg. Permit 9/6/12	Covered dumpster area that drains to sanitary sewer; Outdoor	Minimize land disturbed; Minimize impervious surfaces.	Bioretention Area	O&M agreement with private land owners	2c	N/A	Third party review certifying adherence to C.3.d by Shaaf and Wheeler	Exempt from HM because land disturbed is less than 1 acre.

¹⁶ For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁷ For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁸ 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.

¹⁹ 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.

²⁰ 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.).

²¹ 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.

²² 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).

²³ 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.

²⁴ 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.

²⁵ Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁶ If HM control is not required, state why not.

²⁷ 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 (private projects)

Project Name Project No.	Application Deemed Complete Date ¹⁶	Application Final Approval Date ¹⁷	Source Control Measures ¹⁸	Site Design Measures ¹⁹	Treatment Systems Approved ²⁰	Type of Operation & Maintenance Responsibility Mechanism ²¹	Hydraulic Sizing Criteria ²²	Alternative Compliance Measures ^{23/24}	Alternative Certification ²⁵	HM Controls ^{26/27}
			material storage protection; Beneficial landscaping; Maintenance; Storm drain labeling							
Rosebowl	Deemed Complete: 8/11/04	Final Discretionary Approval: 10/4/04 Bldg. Permit: 8/14/12	Storm drain labeling; Interior parking does not drain to storm drain system.	Roof drains to mechanical filter system; Mechanical treatment unit; retention to reduce peak flow	Precast Filterra Unit; Kristar FloGard; Jensen Precast Vault.	O&M agreement with private land owners	2c	N/A	Third party review of SWMP done by Shaaf and Wheeler	Exempt from HM because property located in area greater than 65% impervious'

Comments:

- In FY 12-13, the City's engineering staff decided that they had good reason to change the point at which they report a C.3 project;
- City staff had tried to use point of final discretionary approval as the determination for when to report a project;
- Staff is now reporting each C.3. project in the fiscal year that its building permit is issued;
- The City's final discretionary approval (called entitlement) often occurs long before the City has received the project's stormwater management plan (SWMP);
- Without the SWMP, engineering staff do not have sufficient information to complete the C.3 project annual report tables;
- The SWMP contains the details of the C.3 treatments, third party certification, and the O&M agreement which is recorded with the title of the property;
- At the point of entitlement, the City has given its final approval for the project to be built according to MRP requirements, but it may be several years before the project is built;
- Once entitlement has been given the City cannot place additional conditions on the project;
- The Rosebowl project was given entitlement in 2004.
The developer was diligently pursuing the project until the building permit was issued in August 2012.
Therefore, the third-party certifier used the date that the City gave entitlement and allowed mechanical treatments for the project.
- Homestead Square, which received entitlement in October 2011 and a building permit in March 2013, used mechanical treatments based on receiving final approval prior to December 2011.

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

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ²⁸	Party Responsible ²⁹ For Maintenance	Date of Inspection	Type of Inspection ³⁰	Type of Treatment/HM Control(s) Inspected ³¹	Inspection Findings or Results ³²	Enforcement Action Taken ³³	Comments/Follow-up
326-10-063	Homestead Square Rite Aid/ 20572 Homestead Rd	YES	Sobrato/ DevCon Construction	7/2/2012	initial	Media Filter	1. No Visible/Apparent Problems	None	City also receives 3rd party Verification of CDS inspection & maintenance
326-10-063	Homestead Square Rite Aid/ 20572 Homestead Rd	YES	Sobrato/ DevCon Construction	7/2/2012	initial	Infiltration Basin	1. No Visible/Apparent Problems	None	During Rain
326-10-063	Homestead Square Rite Aid/ 20572 Homestead Rd	YES	Sobrato/ DevCon Construction	7/2/2012	initial	Hydrodynamic Separators	1. No Visible/Apparent Problems	None	During Rain
316-20-080	Bay Club Cupertino/ 10101 N Wolfe Road	YES	Mike Rhode/ Vallco Shopping Mall/ Sears	7/17/2012	initial	Bioretention	1. No Visible/Apparent Problems	None	During Rain
326-34-057	Hyatt Place/ 10165 N. De Anza Blvd	YES	Dipesh Gupta /Shashi Corp	8/22/2012	initial	Media Filter	1. No Visible/Apparent Problems	None	During Rain
326-33-110	Apple/ 10495 De Anza Blvd	NO	Maria Moules	12/21/2012	Routine	Vortex Separator	1. No Visible/Apparent Problems	None	During rain inspection.
326-33-110	Apple/ 10495 De Anza Blvd	NO	Maria Moules	12/21/2012	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	During rain inspection.
369-06-010	Market Place/ 19620 Stevens Creek Blvd	NO	Edward Chan	12/21/2012	Routine	Vortex Separator	1. No Visible/Apparent Problems	None	Sprinkling
369-06-010	Market Place/ 19620 Stevens Creek Blvd	NO	Edward Chan	12/21/2012	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	Sprinkling
369-16-026	1st Baptist Church/ 10505 Miller Avenue	NO	Senior Pastor Robin Davies	12/21/2012	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	Sprinkling
326-07-037	Las Palmas/ 10855 N. Stelling	NO	Chartier Property Mgmt	3/6/2013	Routine	Vortex Separator	1. No Visible/Apparent Problems	None	Sprinkling
359-20-028	St. Jude's Episcopal/	NO	Tom Dyer	3/6/2013	Routine	Underground Detention	1. No Visible/Apparent	None	During rain inspection.

²⁸ Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

²⁹ State the responsible operator for installed stormwater treatment systems and HM controls.

³⁰ State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

³¹ 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.

³² State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

³³ State the enforcement action(s) taken, if any.

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

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ²⁸	Party Responsible ²⁹ For Maintenance	Date of Inspection	Type of Inspection ³⁰	Type of Treatment/HM Control(s) Inspected ³¹	Inspection Findings or Results ³²	Enforcement Action Taken ³³	Comments/Follow-up
	20920 McClellan Rd					Systems	Problems		
359-08-020	Cupertino Crossroads/ 20750 Stevens Creek Blvd	NO	WL Butler Construction	6/23/2013	Routine	Hydrodynamic Separators	1. No Visible/Apparent Problems	None	Sprinkling
359-08-020	Cupertino Crossroads/ 20730 Stevens Creek Blvd	NO	WL Butler Construction	6/23/2013	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	Sprinkling
369-11-048	Blaney Park/ 790 S Blaney	NO	Rick Towne	6/23/2013	Routine	Infiltration Trench	1. No Visible/Apparent Problems	None	Sprinkling
326-10-063	Homestead Square Rite Aid/ 20572 Homestead Rd	NO	Sobrato/ DevCon Construction	6/23/2013	Routine	Media Filter	1. No Visible/Apparent Problems	None	Sprinkling
326-10-063	Homestead Square Rite Aid/ 20572 Homestead Rd	NO	Sobrato/ DevCon Construction	6/23/2013	Routine	Infiltration Basin	1. No Visible/Apparent Problems	None	Sprinkling
326-10-063	Homestead Square Rite Aid/ 20572 Homestead Rd	NO	Sobrato/ DevCon Construction	6/23/2013	Routine	Hydrodynamic Separators	1. No Visible/Apparent Problems	None	Sprinkling

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

Reporting Period – January 1 – June 30, 2013

Project Name & No.	Permittee	Address	Application Submittal Date ³⁴	Status ³⁵	Description ³⁶	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category ³⁷	LID Treatment Reduction Credit Available ³⁸	List of LID Stormwater Treatment Systems ³⁹	List of Non-LID Stormwater Treatment Systems ⁴⁰
The City did not review or approve any products that would qualify as <i>special projects</i> in FY 2012-2013.	No special projects were submitted to the City of Cupertino for approval in FY 2012-2013.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

³⁴ Date that a planning application for the Special Project was submitted.

³⁵ Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

³⁶ Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

³⁷ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

³⁸ For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

³⁹ List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

⁴⁰ List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

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

Program Highlights

To keep up with MRP requirements the City allowed a senior code enforcement officer with background in Environmental Science to transfer into Environmental Programs par-time. He conducted all of the City's FY 12-13 restaurant inspections and as a means of familiarizing himself with the City's Industrial and Commercial Site Control program, he reviewed standard operating procedures and updated the City's IND Enforcement Response Plan (ERP). The Program Manager updated the City's Facility List and Business Plan to add inspections for FY 13-14 at sites where violations were found in FY 12-13. No actual stormwater discharges were found at during IND inspections in Cupertino during FY 12-13.

Prior to conducting inspections, letters were sent to the 65 Cupertino businesses scheduled for visits to notify them that they may be charged a \$100 reinspection fee if violations were observed and a reinspection was needed to verify compliance. The City does not charge a fee for proactive initial inspections (one per year).

During FY 12-13, the City inspected 39 food facilities and grocery stores (primarily checking dumpster areas) and 26 commercial areas including automotive, veterinarian, printer, and dry cleaner businesses. Most of the thirteen potential violations observed at 10 food facilities and at other commercial areas (1 automotive) pertained to a few pieces of litter or outdoor storage. The City's anti litter ordinance became effective on April 5th requiring businesses to keep the area, perimeter and sidewalks around their businesses litter-free regardless of the litter source. The City counts any litter or uncontained outdoor storage as a stormwater violation.

Agreement with Santa Clara County Dept of Environmental Health (DEH) to conduct stormwater inspections in the City of Cupertino.

The City has an Agreement with Santa Clara County wherein DEH inspectors are trained to look for stormwater violations during routine food safety inspections. DEH Inspectors report potential stormwater violations to the City for follow up. The lack of violations found by the County's DEH inspectors over the past 3 years is a testament to the success of Cupertino's targeted food facility compliance program.

	Priority Food Sites Inspected by DEH	DEH Food Facility Inspections Conducted	Total Storm Water Violations found in Cupertino by DEH
FY12-13	221	429	0
FY11-12	268	372	0
FY10-11	282	401	1

See the C.4. Industrial and Commercial Site Controls section of the Santa Clara Valley Program's FY 12-13 Annual Report for a description of regional program activities and workshops.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan? Yes No

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

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

A complete list of facilities in Cupertino that could reasonably be considered to cause or contribute to pollution of stormwater runoff is attached in Appendix C.4, the City's updated Business Inspection Plan.

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

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

The lists of industrial and commercial facilities and food facilities scheduled for inspection by the City during for FY 2013-2014 and the lists of facilities inspected in FY 2012-2013 are included in the City's updated Business Inspection Plan attached as Appendix C.4.

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	65	
Total number of inspections conducted	77	
Number of violations (excluding verbal warnings)	8	
Sites inspected in violation	13	20%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	13	100%

Comments:

- 1) The City counts multiple violations at one site as one violation per site and requires complete compliance by the business owner within 10 business days or before the next anticipated rain. A description of each minor or potential violation is included in the inspector's report and kept in an Access database where one record will show the site's entire inspection history and, if applicable, all violation detail.
- 2) Sixty-five sites were inspected this year, one more inspection than was listed in the City's Business Plan for inspection in FY 2012-2013. Twelve re-inspections were conducted to verify compliance when the violation was not cleaned up before the inspector left the site. One inspection

report was lost after an inspector verified that the site was in compliance. The date of inspection was therefore not recorded. To ensure a recorded inspection, the site was reinspected after the fiscal year-end and was again found in compliance. The inspection result will be included in the City's FY 2013-2014 annual report.

- 3) One new inspector from the Building Dept. required same-day removal of fluorescent bulbs that were stored outside of a business, but did not reinspect the site. When this was discovered, six weeks later, the City's IDDE inspector went to the site, verified that the bulbs had been removed and wrote a reinspection report. The first inspector assumed that the cleanup had taken place the day of the initial inspection based on the property owner's readiness to comply.

The City's inspectors discovered 13 potential violations primarily associated with litter or recyclable material (e.g. cardboard) stored outside of the covered trash enclosure area. The City inspectors were informed during a training meeting that a new anti-litter ordinance was being adopted to engage private property owners in activities that will make it easier for the City to reach its litter elimination goals. The anti-litter ordinance became effective on April 5, 2013.

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	0
Potential discharge and other	13
<p>Comments:</p> <p>The City has found that the only effective way to enforce compliance is to assign responsibility of any stormwater violation at the site to the property owner rather than to the business owner or manager who is often only a tenant. Therefore, the City has reconsidered the way it counts violations.</p> <p>There were no actual discharges observed during IND inspections in FY 12-13. However, if any active discharges had been discovered they would have been counted as one discharge per inspection site. The property owner is always the responsible party and all violations would be included on one written notice, pre-citation letter, or citation. Compliance would be considered by site and would not be achieved until all violations were resolved. In the case of an active discharge the City inspector would not leave the site until the incident is resolved. Inspection results are tracked and kept in a database by site, listing all potential and actual violations for each inspection. The discharge sources and flows to drain inlets or water bodies found at one site would be described in detail in the inspector's comments which would always be available from the City's database to determine the source and the number of drain inlets impacted.</p>	

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) ³⁶	Number of Enforcement Actions Taken	% of Enforcement Actions Taken³⁷
Level 1	Verbal Warning	5	40%
Level 2	Written Notice of Violation (NOV)	8	60%
Level 3	Pre-Administrative Citation	0	0%
Level 4	Administrative Citation with Fine	0	0%
Total		13	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 Category³⁸	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Automotive Service/Maintenance	0	1
Restaurant/ Food Facility	0	10
Retail/Commercial	0	2
Other - Cabinetry	0	0
Dry Cleaners	0	0
Electric/Electrical Components	0	0
Other – Florist or Garden Center	0	0
Other – Photographic/Printing	0	0
Other – Veterinarians & Animal Grooming	0	0
Other – Wood Furniture (Furniture Stores)	0	0

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 not any businesses in the City of Cupertino that are required to have coverage under the Industrial General Permit.

³⁶ Agencies to list specific enforcement actions as defined in their ERPs.

³⁷ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

³⁸ List your Program's standard business categories.

C.4.d.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
City Building Inspector IND Training	Oct 30, 2012	<ol style="list-style-type: none"> 1. the Environmental Programs Manager covered the following topics and followed up with approx 30 minutes of Q and A 2. Reviewed MRP requirements for IND/Commercial Site Inspections 3. BMPs for commercial/industrial sites 4. Introduced the City's draft anti-litter ordinance (adopted 4/5/13) 5. Reviewed of procedures for entering IND inspection results in City IND Access database. 	4 Commercial & IND Inspectors Plus the Building Official and several other Building Inspectors	100%
SCVURPPP IND/IDDE Workshop	April 23, 2013	<ol style="list-style-type: none"> 1. Regulatory update on the MRP 2. Inspecting for Pollutants of Concern 3. Record keeping and improving documentation 4. Inspection case scenarios 	4 Service Center (Corp yard) Supervisors and inspection staff	4 Corp yard staff trained in addition 100% of IND Inspectors trained



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. Facilities that are deemed, upon initial inspection, to have very little or no potential for stormwater violations are removed from the list during staff's annual review of businesses to inspect during the upcoming year.

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 13-14 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 violations, 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. C4.b.iii.(2) List of automotive and commercial facilities that were scheduled for inspection in FY 2012-2013.
4. C.4.b.iii.(2) List of food facilities that were scheduled for inspection in fiscal year 2012-2013.
5. C.4.b.iii.(2): List of automotive and commercial facilities scheduled for inspections during fiscal year 2013-2014
6. C.4.b.iii.(2): List of food facilities and other facilities of concern scheduled for inspections during fiscal year 2013-2014. These facilities will be targeted due to a previous violation or other reported concern.

Note: Cupertino's Business Inspection Plan Lists for years previous to FY13-14 are retained in the City's Environmental Programs' Business Inspection Plan Excel file.

1. C.4.b.iii.(1): Complete 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 Miracles	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

	Business Name	Business Address	Business Type
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	Jiffy Lube #2355	19480 Stevens Creek Blvd	Auto Supply And Service
27	Crossroads Chevron	10023 S De Anza Blvd	Auto Supply And Service
28	De Anza Auto Center	10151 Imperial Ave	Auto Supply And Service
29	Union 76	20755 Stevens Creek Blvd	Auto Supply And Service
30	Sears Auto Service	10101 N Wolfe Rd	Auto Supply And Service
31	Cupertino Supply Inc	10230 Imperial Ave	Building Supplies
32	Ekim Painting	10200 Imperial Ave	Contractor - Painting
33	De Anza Plumbing	10260 Imperial Ave	Contractor - Plumbing
34	Granite Rock Co	1505 S De Anza Blvd	Contractor - Specialty
35	Dry Clean Pro	20379 Stevens Creek Blvd	Dry Cleaners And Laundry
36	Oakmont Cleaners	19948 Homestead Rd	Dry Cleaners And Laundry
37	Scottys Cleaners	10620 S De Anza Blvd	Dry Cleaners And Laundry
38	Classic Cleaners	10020 Imperial Ave	Dry Cleaners And Laundry
39	One Hour Cleaners By Lee	10045 E Estates Dr	Dry Cleaners And Laundry
40	McClellan Square Cleaners	10477 S De Anza Blvd Ste A	Dry Cleaners And Laundry
41	N & K Cleaners	21749 Stevens Creek Blvd	Dry Cleaners And Laundry
42	Sierra Cleaners (El Dorado)	10151 S De Anza Blvd	Dry Cleaners And Laundry
43	Scandinavian Designs	19900 Stevens Creek Blvd	Furniture
44	Murasaki Home Furnishings,	10525 S De Anza Blvd Ste 145	Furniture
45	Yamagami's Nursery	1361 S De Anza Blvd	Garden Supply & Equipment
46	Aeroflex High Speed Test	10411 Bubb Rd	Manufacturer
47	Apple Inc, E-waste collection	10300 Bubb Rd	Marketing
48	Kwik-Kopy Dayton Printing	10675 S De Anza Blvd Ste 1	Printing Service & Supplies
49	Advantage Grafix	10161 S De Anza Blvd	Printing Service & Supplies
50	Summer Winds Garden	1491 S De Anza Blvd	Retail Sales
51	Ice Center Enterprises	10123 N Wolfe Rd Ste 30	Skating Rink
52	A Perfect Tan	19949 Stevens Creek Blvd	Tanning Salon
53	Walgreens, Store #4416	20011 Bollinger Rd	Retail Sales
54	Aaron Brothers	20600 Stevens Creek Blvd	Retail Sales
55	Pier 1 Imports	20610 Stevens Creek Blvd	Retail Sales
56	T.J. Maxx	20650 Homestead Rd	Retail Sales
57	Alan White Service	21530 Stevens Creek Blvd	Auto Supply And Service-New in FY 10-11
58	Pan American Body Shop	10100 Bubb Rd	Auto Supply And Service-New in FY 10-11
59	Zarin Sewing, Alteration And	19775 Stevens Creek Blvd	Dry Cleaners And Laundry-New in FY 10-11
60	Serene Orchids	10525 S De Anza Blvd Ste 115	Florist-New in FY 10-11
		Added for FY 13-14	
62	Cort Furniture Rental	19885 Stevens Creek Blvd	Furniture
63	Reyes Concrete Inc	10151 Imperial Ave	Contractor - Concrete
64	Auto Smog	10264 Imperial Ave	Auto Supply And Service

	Business Name	Business Address	Business Type
65	Autoland, Inc	19960 Stevens Creek Blvd	Auto Dealer

2. C.4.b.iii.(1): Food facilities inspected one or more times during FY 12-13 by County Dept. of Environmental Health inspectors who by Agreement with the City, identify and report potential stormwater violations to the City for follow up.

	Restaurant/Food Facility Name	Business Address
1	CFARM MKT-CS-CUPERTINO SQUARE	WOLFE RD
2	CFARM MKT-CO-CUPERTINO OAKS	STEVENS CREEK & MARY AV
3	IMAHARA'S PRODUCE	19725 STEVENS CREEK BL
4	TARGET STORE-GROCERY	20745 STEVENS CREEK BL
5	OAKMONT PRODUCE MARKET	19944 HOMESTEAD RD
6	99 RANCH MARKET-GROCERY STORE	10983 N WOLFE RD
7	MARINA FOOD II-MARKET	10122 BANDLEY DR
8	WHOLE FOODS MARKET - GROCERY	20955 STEVENS CREEK BL
9	CINNABON CUPERTINO SQUARE	10123 N WOLFE RD
10	DE ANZA COLLEGE-LE CAFE	21250 STEVENS CREEK BL
11	SWEET PASSIONS BAKERY	20700 STEVENS CREEK BL
12	STARBUCK'S COFFEE #5217	20520 STEVENS CREEK BL A
13	BAY CLUB SILICON VALLEY- STARBUCKS	10101 N WOLFE RD
14	CAFE LATTEA	19501 STEVENS CREEK BL 101
15	BLUELIGHT CINEMAS	21275 STEVENS CREEK BL STE 500
16	PHILZ COFFEE	20686 STEVENS CREEK BL
17	THE ROASTED COFFEE BEAN	19110 STEVENS CREEK BL A
18	RANCHO RINCONADA CLUB HOUSE-SNACK	18000 CHELMSFORD DR
19	7-ELEVEN FOOD STORE 2367-14320-F	21220 HOMESTEAD RD
20	CROSSROADS CHEVRON FOOD MART	10023 S DE ANZA BL
21	FARM FRESH PRODUCE	10021 S BLANEY AV
22	COLD STONE CREAMERY	10123 N WOLFE RD 2020
23	CAFE ROCOCO @ CAMPUS CENTER	21250 STEVENS CREEK BL
24	7-ELEVEN STORE 2367-157766D	90 STERN AV
25	HOMESTEAD 76 STATION	21855 HOMESTEAD RD
26	7-ELEVEN	21490 MCCLELLAN RD
27	LITTLE CAFFE MAC	1 INFINITE LP
28	FLINT CENTER	21250 STEVENS CREEK BL
29	STARBUCKS COFFEE #10885	22390 HOMESTEAD RD
30	WHOLE FOODS MARKET - BAKERY	20955 STEVENS CREEK BL
31	UNA MAS MEXICAN GRILL	21250 STEVENS CREEK BL
32	BURGER KING	10123 N WOLFE RD FC5
33	STEVENS CREEK MARKET & LIQUOR	10629 S FOOTHILL BL
34	BAMBU	10963 N WOLFE RD
35	DEEP CLIFF GOLF COURSE-SNACK BAR	10700 CLUB HOUSE LN
36	VPI	19191 VALLCO PY
37	TANTAU 1-TA01	10300 N TANTAU
38	CUPERTINO INN	10889 N DE ANZA BL

39	EXTRAORDINARY SOUP & MORE	20371 STEVENS CREEK BL
40	SHENG KEE BAKERY	10122 BANDLEY DR
41	TOGO'S CUPERTINO	21267 STEVENS CREEK BL 314
42	ORANGE TREE	21267 STEVENS CREEK BL 313
43	I SUSHI	21670 STEVENS CREEK BL
44	SUBWAY SANDWICH #41149	21682 STEVENS CREEK BL
45	J & J HAWAIIAN BBQ	20950 STEVENS CREEK BL
46	FANTASIA COFFEE & TEA	10933 N WOLFE RD C120
47	SHENG KEE BAKERY	10961 N WOLFE RD
48	VP2 ESPRESSO KIOSK	19333 VALLCO PY
49	NEI TEA	20956 W HOMESTEAD RD D
50	WINGSTOP #503	19620 STEVENS CREEK BL 190
51	PARK PLACE - BAR	10030 S DE ANZA BL
52	DE ANZA 6 - COFFEE BAR	10355 N DE ANZA BL
53	QUICKLY	10887 N WOLFE RD
54	VIKHAR VALERO	1699 S DE ANZA BL
55	LE BOULANGER	20488 STEVENS CREEK BL
56	BAGEL STREET CAFE - CUPERTINO	10591 N DE ANZA BL
57	TRINETHRA INDIAN SUPERMARKET	10255 S DE ANZA BL
58	QUICKLY	21265 STEVENS CREEK BL 210
59	QUICKLY	10123 N WOLFE RD 2119
60	BITTER & SWEET, LLC	20560 TOWN CENTER LN
61	VERDE TEA CAFE	19620 STEVENS CREEK BL #180
62	COFFEE BAR @ DE ANZA 7	10431 N DE ANZA BL
63	KEE WAH BAKERY	10370 S DE ANZA BL
64	OAKMONT MARKET- BAKERY	19952 HOMESTEAD RD
65	HILTON GARDEN INN-CUPERTINO	10741 N WOLFE RD
66	ANDRES CAFE	10631 S FOOTHILL BL
67	COFFEE SOCIETY	10800 TORRE AV #100
68	BEARD PAPA'S CUPERTINO	19748 STEVENS CREEK BL
69	MRS FIELDS COOKIES	10123 N WOLFE RD
70	SHIN SHIN MEN MEN	21265 STEVENS CREEK BL STE 205
71	SUBWAY #35532	10123 N WOLFE RD FC-1
72	SABATINI OAKS EVENT CENTER	21275 STEVENS CREEK BL STE 510
73	DE ANZA 2-ESPRESSO KIOSK	10201 DE ANZA BL
74	HOMESTEAD FAMILY FUN CENTER	20990 HOMESTEAD RD
75	99 RANCH MARKET-BAKERY	10983 N WOLFE RD
76	TEN REN TEA	10881 N WOLFE RD
77	LA PATISSERIE	19758 STEVENS CREEK BL
78	SUBWAY #17377	19110 STEVENS CREEK BL
79	DONUT WHEEL	10250 N DE ANZA BL
80	TARGET STORE #323-TACO BELL/PIZZA	20745 STEVENS CREEK BL
81	JW CATERING	20450 STEVENS CREEK BL 140
82	SUBWAY SANDWICHES #42133	19998 HOMESTEAD RD C
83	PRETZEL TIME	10123 N WOLFE RD 2056
84	HONG FU GOURMET CHINESE RESTAURA	20588 STEVENS CREEK BL

85	PAUL & EDDIES MONTA VISTA INN	21619 STEVENS CREEK BL
86	COACH HOUSE WINE & LIQUORS	1655 S DE ANZA BL
87	SUBWAY SANDWICHES & SALADS	10525 S DE ANZA BL 130
88	SUBWAY SANDWICHES & SALAD-20916	20916 HOMESTEAD RD E
89	CHATEAU CUPERTINO	10150 TORRE AV
90	COURTYARD BY MARRIOTT-10605	10605 N WOLFE RD
91	LIVE OAK ADULT DAY SERVICES	20920 MC CLELLAN RD
92	MCHART'S PIZZA & GRILL	19732 STEVENS CREEK BL
93	GRAIN D'OR-VALLCO	10123 N WOLFE RD 2011
94	QUICKLY AT HOMESTEAD	20916 HOMESTEAD RD F
95	ERIK'S DELI CAFE	19652 STEVENS CREEK BL
96	SURF CITY SQUEEZE	10123 N WOLFE RD K-7
97	L'EPI D'OR BAKERY	19675 STEVENS CREEK BL
98	MANLEY'S DONUTS	10991 N DE ANZA BL B
99	COFFEE SOCIETY	21265 STEVENS CREEK BL 202
100	212 NEW YORK PIZZA	19998 E HOMESTEAD RD A
101	QUIZNO'S SUB	19959 STEVENS CREEK BL
102	TAPIOCA EXPRESS	10118 BANDLEY DR G
103	GUMBA'S RESTAURANT	21678 STEVENS CREEK BL
104	OLARN THAI CUISINE	19672 STEVENS CREEK BL
105	RED HOT WOK	10074 E ESTATES AV
106	HOMESTEAD CAFE - HS1	18880 HOMESTEAD RD
107	PHO - LICIOUS	21271 STEVENS CREEK BL STE 410
108	RIO ADOBE	10525 S DE ANZA BL
109	VIVI'S	21731 STEVENS CREEK BL
110	SUSHI KUNI	10211 S DE ANZA BL
111	JUDY'S KITCHEN	10635 S FOOTHILL BL
112	HOUSE OF FALAFEL	19590 STEVENS CREEK BL
113	YIASSOO-10660	10660 S DE ANZA BL
114	VILLAGE FALAFEL	20010 STEVENS CREEK BL
115	KITSHO JAPANESE RESTAURANT	19541 RICHWOOD DR
116	PEBBLES DELI CAFE	10235 S DE ANZA BL
117	HARUMI SUSHI	19754 STEVENS CREEK BL
118	SHAN RESTAURANT	20030 STEVENS CREEK BL (new address 20007)
119	QQ NOODLE	10889 S BLANEY AV
120	SHANG HAI DUMPLING	10895 S BLANEY AV
121	SITAR EXPRESS INDIAN CUISINE	21267 STEVENS CREEK BL 320
122	SIMPLY THAI	21267 STEVENS CREEK BL 340
123	J & J HAWAIIAN BBQ	10745 S DE ANZA BL D
124	VENUS TAM'S CAFE	20956 HOMESTEAD RD G
125	I LOVE BENTO	10129 S DE ANZA BL
126	JS STEW HOUSE	10271 TORRE AV
127	SHANGHAI RESTAURANT	10877 N WOLFE RD
128	DE ANZA 3	10500 N DE ANZA BL
129	YANG BBQ	10831 N WOLFE RD
130	SUSHI HANA	19068 STEVENS CREEK BL

131	360 GOURMET BURRITOS	10123 N WOLFE RD
132	ONE POT SHABU SHABU	19648 STEVENS CREEK BL
133	ALOFT CUPERTINO	10165 N DE ANZA BL
134	TONG DUMPLING	10869 N WOLFE RD
135	THAI DELIGHT	20916 HOMESTEAD RD A
136	GOKAKU RESTAURANT	10789 S BLANEY AV
137	BOMBAY OVEN	20803 STEVENS CREEK BL
138	AJITO	7335 BOLLINGER RD C
139	KONG TOFU & BBQ	19626 STEVENS CREEK BL
140	GOCHI JAPANESE FUSION TAPAS	19980 E HOMESTEAD RD
141	TERIYAKI EXPERIENCE	10123 N WOLFE RD
142	SHANGHAI DIM SIM	19066 STEVENS CREEK BL
143	HONG FU @ DE ANZA COLLEGE	21250 STEVENS CREEK BL
144	PEET'S COFFEE & TEA	20807 STEVENS CREEK BL 200
145	JAMBA JUICE	21265 STEVENS CREEK BL
146	STARBUCKS COFFEE #5662	11111 N WOLFE RD C
147	PEET'S COFFEE & TEA	22350 HOMESTEAD RD
148	STRIKE CUPERTINO	10123 N WOLFE RD
149	FORUM-RANCHO SAN ANTONIO	23500 CRISTO REY DR
150	NOAH'S NEW YORK BAGELS #146	20520 STEVENS CREEK BL B
151	YOSHINOYA RESTAURANT #2125	19825 STEVENS CREEK BL
152	PIZZA MY HEART	20530 STEVENS CREEK BL
153	MARUKAI MARKET	19750 STEVENS CREEK BL
154	CHIPOTLE MEXICAN GRILL #211	10385 S DE ANZA BL
155	KENTUCKY FRIED CHICKEN #057	10520 S DE ANZA BL
156	MCDONALD'S	10990 N STELLING RD
157	JACK IN THE BOX #490	1451 S DE ANZA BL
158	PARIS BAGUETTE	20735 STEVENS CREEK BL STE A
159	PANDA EXPRESS	21000 STEVENS CREEK BL
160	TACO BELL #024788	10710 DE ANZA BL
161	PANERA BREAD	20807 STEVENS CREEK BL
162	CURRY HOUSE	10350 S DE ANZA BL
163	PIZZA HUT #281101	20770 STEVENS CREEK BL
164	DE ANZA COLLEGE-FOOD SERVICE	21250 STEVENS CREEK BL
165	DUKE OF EDINBURGH	10801 N WOLFE RD
166	SHANGHAI GARDEN RESTAURANT	20956 HOMESTEAD RD A-2
167	LEE'S SANDWICHES	20363 STEVENS CREEK BL
168	BOBBIE'S CAFE	1361 S DE ANZA BL
169	KIKUSUSHI JAPANESE RESTAURANT	1655 S DE ANZA BL
170	FLORENTINE RESTAURANT	10275 S DE ANZA BL
171	AZUMA	19645 STEVENS CREEK BL
172	LITTLE SHEEP MONGOLIAN HOTPOT	19062 STEVENS CREEK BL
173	SZECHUAN ERA	10971 N WOLFE RD
174	MANDARIN GOURMET-10145	10145 N DE ANZA BL
175	IKE'S LAIR	21000 STEVENS CREEK BL 100
176	LIANG'S KITCHEN CUISINE	19772 STEVENS CREEK BL

177	GUAN DONG HOUSE	10851 N WOLFE RD
178	HOBEE'S DE ANZA	21267 STEVENS CREEK BL 310
179	SMOKE EATERS	10650 S DE ANZA BL
180	FONTANA'S	20840 STEVENS CREEK BL
181	YOSHIDA	10700 S DE ANZA BL
182	99 RANCH MARKET-DELI	10983 N WOLFE RD
183	SHAN RESTAURANT	20007 STEVENS CREEK BL
184	SOUTHLAND FLAVOR CAFE	10825 N WOLFE RD
185	ARMADILLO WILLY'S	10100 S DE ANZA BL
186	PLATTERS CAFE @ SEAGATE	10200 S DE ANZA BL
187	PHO MINH	10118 BANDLEY DR H
188	MARINA FOOD II-CHINESE KITCHEN	10122 BANDLEY DR
189	MA MA CHEN'S KITCHEN	19052 STEVENS CREEK BL
190	OUTBACK STEAKHOUSE	20630 VALLEY GREEN DR
191	MERLION MARKET PLACE	19628 STEVENS CREEK BL
192	AMICI'S EAST COAST PIZZERIA	10310 S DE ANZA BL
193	PARK PLACE - RESTAURANT	10030 S DE ANZA BL
194	POTSTICKER KING	19634 STEVENS CREEK BL
195	NUTRITION RESTAURANT	10935 N WOLFE RD
196	FATIMA RESTAURANT	10125 BANDLEY DR
197	CALIFORNIA FRESH	10123 N WOLFE RD 2104
198	AQUI CAL MEX	10630 S DE ANZA BL
199	AI NOODLE	10893 N WOLFE RD C160
200	KIKKA - STEVENS CREEK	20955 STEVENS CREEK BL
201	BLUE PHEASANT RESTAURANT	22100 STEVENS CREEK BL
202	ISLANDS FINE BURGERS & DRINKS	20750 STEVENS CREEK BL
203	CAFE TORRE/FLIGHT WINE	20343 STEVENS CREEK BL
204	GYU-KAKU RESTAURANT	19620 STEVENS CREEK BL 150
205	MICHELLE'S PANCAKE HOUSE	19060 STEVENS CREEK BL
206	PEACOCK INDIAN CUISINE	10251 S DE ANZA BL
207	WHOLE FOODS MARKET - DELI	20955 STEVENS CREEK BL
208	AMC CUPERTINO 16 THEATRES	10123 N WOLFE RD 3000
209	SUNNY VIEW RETIREMENT COMMUNITY	22445 CUPERTINO RD
210	CHUCK E CHEESE	19805 STEVENS CREEK BL
211	BOUDIN SF - BAKERY	20682 STEVEN CREEK BL
212	THE FORUM AT RANCHO SAN ANTO	23600 VIA ESPLENDOR
213	BJ'S RESTAURANT & BREWHOUSE	10690 N DE ANZA BL
214	BENIHANA OF TOKYO	10123 N WOLFE RD 2074
215	ARYA GLOBAL CUISINE	19930 STEVENS CREEK BL
216	JOY LUCK PLACE	10911 N WOLFE RD
217	ELEPHANT BAR	19780 STEVENS CREEK BL
218	T G I FRIDAY'S	10343 N WOLFE RD
219	ALEXANDER'S STEAKHOUSE	10330 N WOLFE RD
220	TATAMI BUFFET	10123 N WOLFE RD 2001
221	DYNASTY SAFOOD RESTAURANT	10123 N WOLFE RD 1688
222	CUPERTINO SQUARE	10123 N WOLFE RD

3. C.4.b.iii.(2): Automotive & Commercial Facilities Inspected in FY 12-13

	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 Scheduled for Inspection in FY 12-13 (Some listed due to a previous violation)

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 store)	10425 S De Anza Blvd	Food Facility

5. C.4.b.iii.(2): Automotive and Commercial Facilities Scheduled for Inspection in FY 13-14

	Business Name	Business Address	Business Type
1	European Auto Performance Inc	10550 S De Anza Blvd	Auto Dealer
2	Goodyear Tire & Rubber Co 8773	10931 N De Anza Blvd	Auto Supply And Service
3	Cupertino Union 76	21530 Stevens Creek Blvd	Auto Supply And Service
4	Clark's Auto Parts & Machine	10270 Imperial Ave	Auto Supply And Service
5	Cupertino Auto Tech	10073 Imperial Ave	Auto Supply And Service
6	Vallco 76 Service	19550 Stevens Creek Blvd	Auto Supply And Service
7	Cupertino U S Gas (Valero)	10002 N De Anza Blvd	Auto Supply And Service
8	Cupertino Beacon Auto Repair	22510 Stevens Creek Blvd	Auto Supply And Service
9	Cupertino Service (Performance	10280 Imperial Ave	Auto Supply And Service
10	International Auto Clinic	10221 Imperial Ave	Auto Supply And Service
11	Crossroads Chevron	10023 S De Anza Blvd	Auto Supply And Service
12	De Anza Auto Center	10151 Imperial Ave	Auto Supply And Service
13	Union 76	20755 Stevens Creek Blvd	Auto Supply And Service
14	Sears Auto Service	10101 N Wolfe Rd	Auto Supply And Service
15	Scotty's Cleaners	10620 S De Anza Blvd	Dry Cleaners And Laundry
16	One Hour Cleaners By Lee	10045 E Estates Dr	Dry Cleaners And Laundry
17	McClellan Square Cleaners	10477 S De Anza Blvd Ste A	Dry Cleaners And Laundry

	Business Name	Business Address	Business Type
18	Sierra Cleaners (El Dorado)	10151 S De Anza Blvd	Dry Cleaners And Laundry
19	Apple Inc (E-Waste Collection)	10300 Bubb Rd	Marketing
20	A Perfect Tan	19949 Stevens Creek Blvd	Tanning Salon
21	JC Penney	10123 N Wolfe Rd	Retail
22	Target	20745 Stevens Creek Blvd	Retail
23	Jiffy Lube	19480 Stevens Creek Blvd	Automotive
24	Reyes Concrete	10151 Imperial Ave	Contractor
25	Autoland, Inc	19960 Stevens Creek Blvd	Auto Dealer
26	Auto Smog	10264 Imperial Ave	Auto Dealer

6. C.4.b.iii.(2): Food Facilities and Commercial Facilities Scheduled for Inspection in FY 13-14

	Business Name	Business Address	Business Type
1	McDonald's	10990 N Stelling Rd	Food Facility
2	Miyake Sushi	10650 S De Anza Blvd	Food Facility
3	Pizza Hut	20770 Stevens Creek Blvd	Food Facility
4	Starbucks	20520 Steven Creek Blvd	Food Facility
5	Taco Bell	10710 N De Anza Blvd	Food Facility
6	United Express Food	10710 South De Anza Blvd	Food Facility
7	Vivi's Restaurant	21731 Stevens Creek Blvd	Food Facility
8	Yiassoo Greek Specialities	10660 S. De Anza Blvd	Food Facility
9	Alexander's Steak House	10330 North Wolfe Rd	Food Facility
10	BJ's Restaurant	10690 N De Anza Blvd	Food Facility
11	Cupertino Village	Wolfe Red & Homestead	Food Facility
12	Donut Wheel	10250 N De Anza Blvd	Food Facility
13	Elephant Bar	19780 Stevens Creek Blvd	Food Facility
14	Hong Fu Cuisine	20588 Stevens Creek Blvd	Food Facility
15	Imahara Produce	19725 Stevens Creek Blvd.	Food Facility
16	J & J Hawaiian Barbeque	20950 Stevens Creek Blvd	Food Facility
17	Marina Food	10122 Bandlely Drive	Food Facility
18	Marukai Market	19750 Stevens Creek Blvd	Food Facility
19	Peacock Indian Restaurant	10251 S. De Anza Blvd	Food Facility
20	Shanghai Garden	20956 Homestead Road	Food Facility
21	Merlion Restaurant	19628 Stevens Creek Blvd	Food Facility
22	Trinethra Supermarket	10255 S. De Anza Blvd	Food Facility
23	Freebirds	20688 Stevens Crk Blvd	Food Facility
24	Philz Coffee	20686 Stevens Crk Blvd	Food Facility
25	Szechuan Home	20956 Homestead Road	Food Facility
26	Bobbie's Café	1361 S De Anza	Food Facility
27	QQ Noodle	10889 S Blaney Ave	Food Facility
28	AI Noodle	10893 N Wolfe Rd	Food Facility
29	Ike's Lair	21000 Stevens Crk Blvd	Food Facility
30	Quickly	10123 N Wolfe Rd Ste 2119	Food Facility
31	Gochi Japanese Fusion Tapas	19980 E Homestead Rd	Food Facility

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

Program Highlights

Provide background information, highlights, trends, etc.

Storm Drain Maintenance

The City installed 52 new full trash capture devices in the City's retail and commercial area in October 2012. The devices were inspected during the first rainstorm and cleaned as needed and will continue to be inspected annually and cleaned as needed each fiscal year prior to the rainy season. Additional cleaning will be conducted as the devices capture debris and trash. Additionally, 49 of the inlets with full trash capture devices were also retrofitted with curb inlet screens to keep debris out of the inlet where it will be swept up during regular street sweeping. The City also purchased 1,500 stainless steel "No Dumping Drains to Creek" markers to replace painted stencils with a less toxic and longer lasting alternative. Maintenance staff checked labeling at 96% of the City's drain inlets in FY 12-13. To ensure legible markings, 230 stencils were repainted before the medallions were purchased and 673 medallions were installed. The drain inlets with updated labels are recorded in the City's GIS storm water system. Installation of the stainless steel medallions will continue in FY 13-14 and FY14-15, until all inlets are marked with medallions.

Collection Screening Program

Maintenance Staff conducted 12 end-of-pipe checkpoint inspections in October. As a result of pictures taken during inspections, the Water District is planning to replace one bent outfall pipe on Calabazas Creek and the City of Cupertino is monitoring and cleaning one outfall along Stevens Creek regularly. No other notable problems were noted

Staff Training

On November 1, 2012, the City's Environmental Programs Manager conducted annual training for Cupertino Service Yard staff on Provision C.2 of the MRP. Topics included BMPs for surface washing and BASMAA's online mobile surface cleaning certification program. As a result of this training, five Public Works Maintenance staff including two supervisors took the online training and became BASMAA certified.

Four Maintenance staff attended SCVURPPP's IDDE Workshop on 4-23-13, including the Streets Supervisor, IDDE Inspector, Hazardous Materials Specialist and a Maintenance 111 worker. Training covered a Regulatory update on the MRP, Inspecting for Pollutants of Concern, Record keeping and improving documentation and Inspection case scenarios. (IDDE trained – Mertens, Barragan, Tognetti and Alexander)

IDDE Task Group Participation

Cupertino staff regularly participates in the SCVURPPP IND/IDDE Ad Hoc Task Group.

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 (PW)	Inspectors respond to hazardous and non-hazardous spills as	408-777-3269; 408-777-

	needed. Storm drain calls to City Hall are routed to an Inspector.	3354
City of Cupertino Code Enforcement	Code Enforcement officers respond to spills as needed to aid in controlling scene and/or providing enforcement.	408-777-3182
Sheriff's Department	City Code Enforcement can also be reached through the County Sheriff Department's West Valley Division at 1601 S. De Anza Blvd. in Cupertino	408-299-2311
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.

On November 1, 2012, the City's Environmental Programs Manager conducted annual training for Cupertino Service Yard staff on Provision C.2 of the NPDES Permit. MRP municipal maintenance requirements including BMPs for surface washing and BASMAA's online mobile surface cleaning certification program were discussed. As a result of this training, five Public Works Maintenance staff including two supervisors took the online training and became BASMAA certified.

Bisely	Supervisor, Grounds/Fleets
Mertens	Supervisor, Streets
Barragan	IDDE Inspector
Villalovos	Maintenance Worker 11 (Streets)
Tacké	Environmental Programs Assistant
Wolfe	Maintenance Worker 11 (Streets)

For a description of mobile business activities that the City addresses through participation in the Santa Clara Valley Program's IND/IDDE Ad Hoc Task Group, see Section 5 (Illicit Discharge Detection and Elimination) of the Program's Annual Report.

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

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

Description: An outfall Checkpoint inspection was conducted on Monday, October 8, 2012

Outfall Structure ID	Location of Outfall or Structure	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's Notes
SWST 46	Outfall at Homestead Rd- under bridge between Swallow Way and Kaiser Hospital Entrance;	Calabazas Creek	10-8-12 Yes	Yes, steady flow, clear	No odor, no turbidity, no litter	No	Water is flowing continuously. No illicit discharge or indications of problems
SWST 4841	2 nd outfall under Homestead Rd on same side of Calabazas Creek, but further south from SWST 46	Calabazas Creek	10-8-12 Yes	No; Steady low flow & clear	Clean; no odor; no turbidity; no litter	No	The painted label near the outfall says 4840; it should be changed to 4841. No illicit discharge or indications of problems
SWST 2349	Access to 2 outfalls is off Vallco Pkwy on both sides of creek flow to box culvert (access is behind SCVWD gate)	Calabazas Creek	10-8-12 Yes	No standing water; light flow	No odor; no turbidity; no litter	No	2 outfalls in box culvert under Vallco Pkwy; No illicit discharge or indications of problems
SWST 3519	Outfall at Phar Lap behind house at 10441	Stevens Creek	10-8-12 Yes	Water trickling from outfall; no standing water	No odor; no turbidity; no litter	No	No illicit discharge or indications of problems

Outfall Structure ID	Location of Outfall or Structure	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 3514	Outfall near 22045 Creekside Ct off of Phar Lap <i>(This site requires property owner's permission on property)</i>	Stevens Creek	10-8-12 Yes	No standing water; trickle flow	No odor; no turbidity; no litter	No	Drains from residential area; No illicit discharge or indications of problems – photos 227-2815-2816
SWST 1720	Outfall behind 22104 Clearwood Ct. On northeast side of creek. (park on Phar Lap; access outfall from SCB)	Stevens Creek	10-8-12 Yes	No standing water; no flow, outfall dry	Some turbidity, no odor and some litter – clean & continue to monitor outfall to find source of litter caught by locked rebar grate & thick vegetation.	Yes. End of pipe was cleaned by maintenance staff Nov.2011. and rechecked in June 2013. Some new litter is present.	Vegetation and rebar grate over end of pipe; - at same level as creek (not a fall); In 2011 found large amount of sediment & litter. Cleaned again by city staff in Nov 2012. - Rechecked June 2013; debris could be washing up to bank & grate from creek- Keep watching. Photos 2853 & 2854.
SWST 3536	Outfall south of Stevens Crk Blvd; next to Blackberry Farm golf course; on Blue Pheasant restaurant side of creek.	Stevens Creek	10-8-12 Yes	No standing water; no flow; dry outfall	Clear from outfall; water murky from upstream; no odor; no litter and no sediment	No	No illicit discharge or indications of problems – photos 227-2848 to 227-2852 – evidence of gathering place under bridge – beverage containers
SWST 4829	Outfall north of Stevens Creek Blvd by Blue Pheasant restaurant (2 nd outfall)	Stevens Creek	10-8-12 Yes	No standing water; trickle ¼" water flow is pulsating.	None detected. Clear. No odor; no turbidity, no litter and no sediment.	No	No illicit discharge or indications of problems; vegetation covering the outfall acts as a natural trash capture; photos 227-2844.

Outfall Structure ID	Location of Outfall or Structure	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 7633	Outfall at Bubb Rd; nearest Main is at 11257 Bubb Rd	Regnart Creek	10-8-12 Yes	Water flowing a little (7ft pipe)	Clear. No odor, no turbidity, no sediment and no litter.	No	No illicit discharge at this time and the outfall was free of debris. Steep entry to check outfall; Photos 2856 to 2866
SWST 8434	Top of Regnart Rd, ¼ of a mile from road to Outfall	Regnart Creek	10-8-12 Yes	No standing water; no flow	No odor, no litter and med/low turbidity, no sediment.	No	No illicit discharge or indications of problems observed.
SWST 4802	Outfall from westbound Bollinger storm drain system to Calabazas Creek	Calabazas Creek	10-8-12 Yes	Standing water; trickle flow	No odor, no sediment, litter Cleanup planned for Feb 2013.	Monitor and pick up litter. This is near a city hot spot. Consider for L/T litter plan.	No illicit discharge. Litter was found by walking downstream several hundred feet (plastic bottles, wrappers, cups & cig butts). Fewer plastic bags than in past years; San Jose's bag ban (upstream at Bollinger) may be helping.
SWST 2235	Outfall near 10778 East Estates	Calabazas Creek	10-8-12 Yes	No standing water; No flow	Same litter observed last year is caught in torn pipe. No odor, color, turbidity, oil observed.	City reported to Water District. Pipe will be fixed. It is not causing illicit discharge.	No illicit discharge; Pipe is bent where it protrudes from bank & has big gap. Water District told City District will fix the pipe.

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

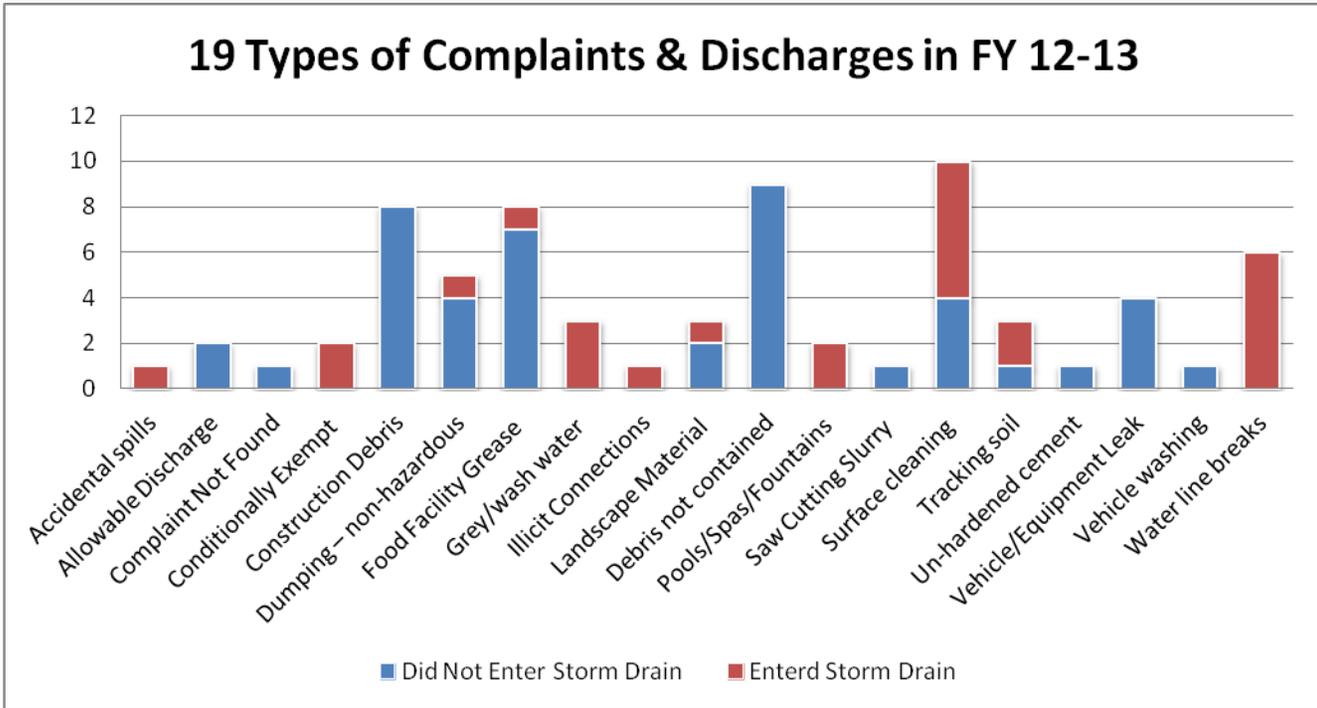
Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	71	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	26	37%
Discharges resolved in a timely manner (C.5.f.iii.(3))	71	100%

Of the 26 discharges that entered a stormdrain, 23 were resolved immediately. Discharges that were not remediated immediately included the removal of a debris box from residential property, the repair of a broken fire hydrant pipe, and sprinkler water overflow from a residence. Each active discharge was stopped immediately, allowing final resolution to take a few days longer.

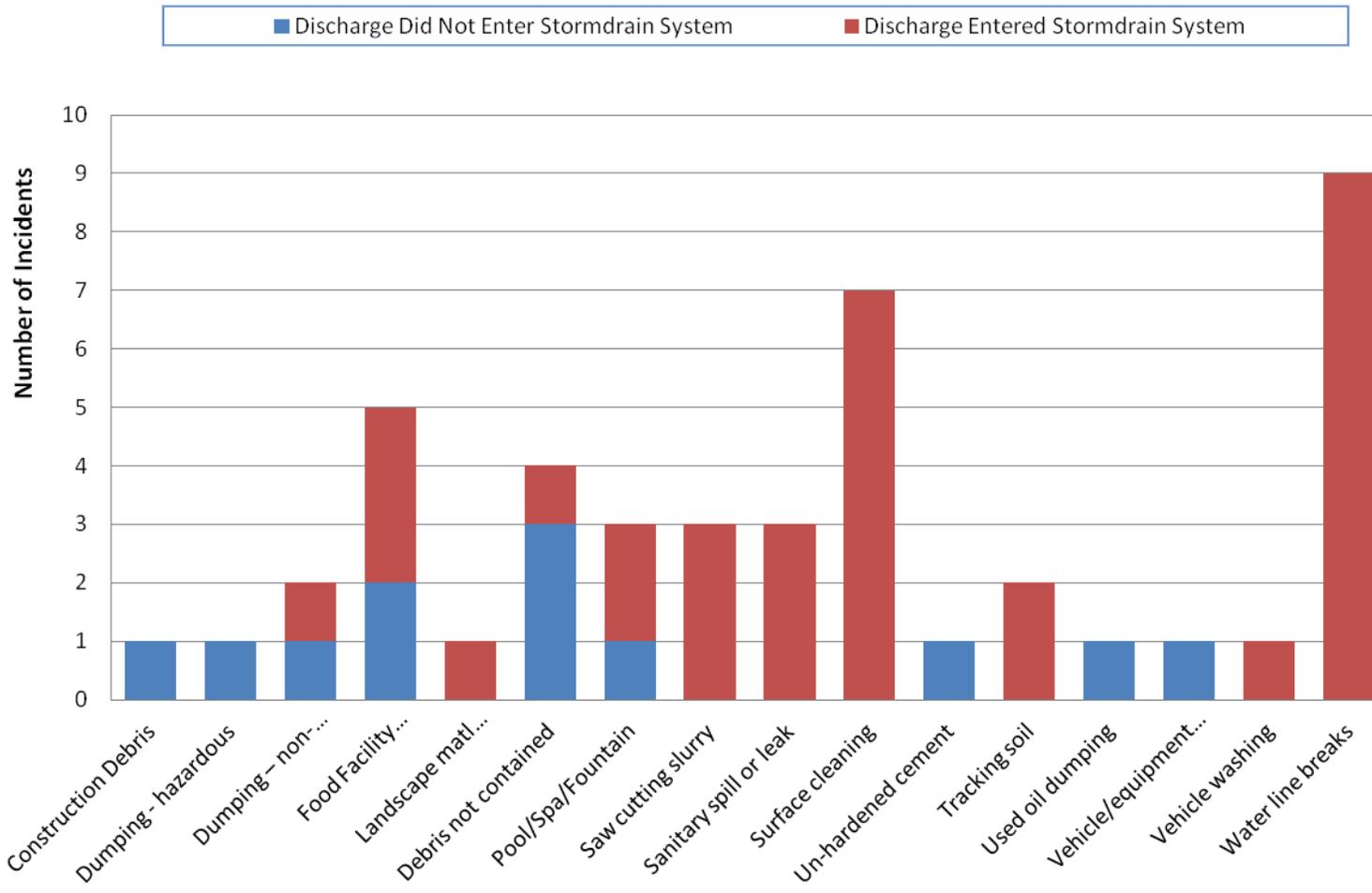
C.5.f.iii.(4) ▶ Summary of major types of discharges and complaints

The chart below shows the breakdown of all 71 complaints of potential and actual discharges received in FY 12-13 and which discharges entered a stormdrain. Charts from previous 3 fiscal years are provided as a comparison.

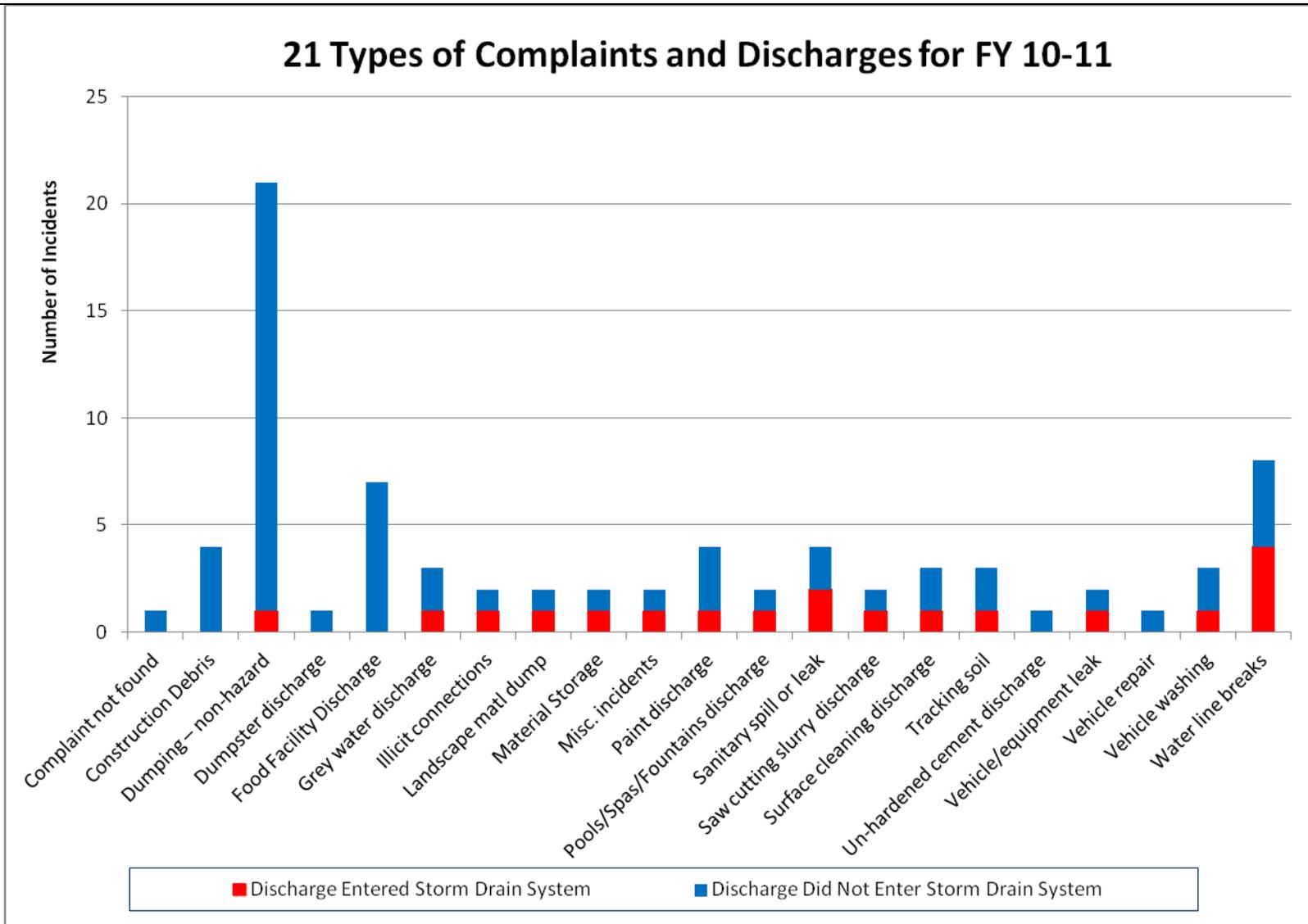


The above chart shows the breakdown of all 71 responses to reports of actual and potential discharges for FY 12-13

16 Types of Complaints and Discharges in FY 11-12

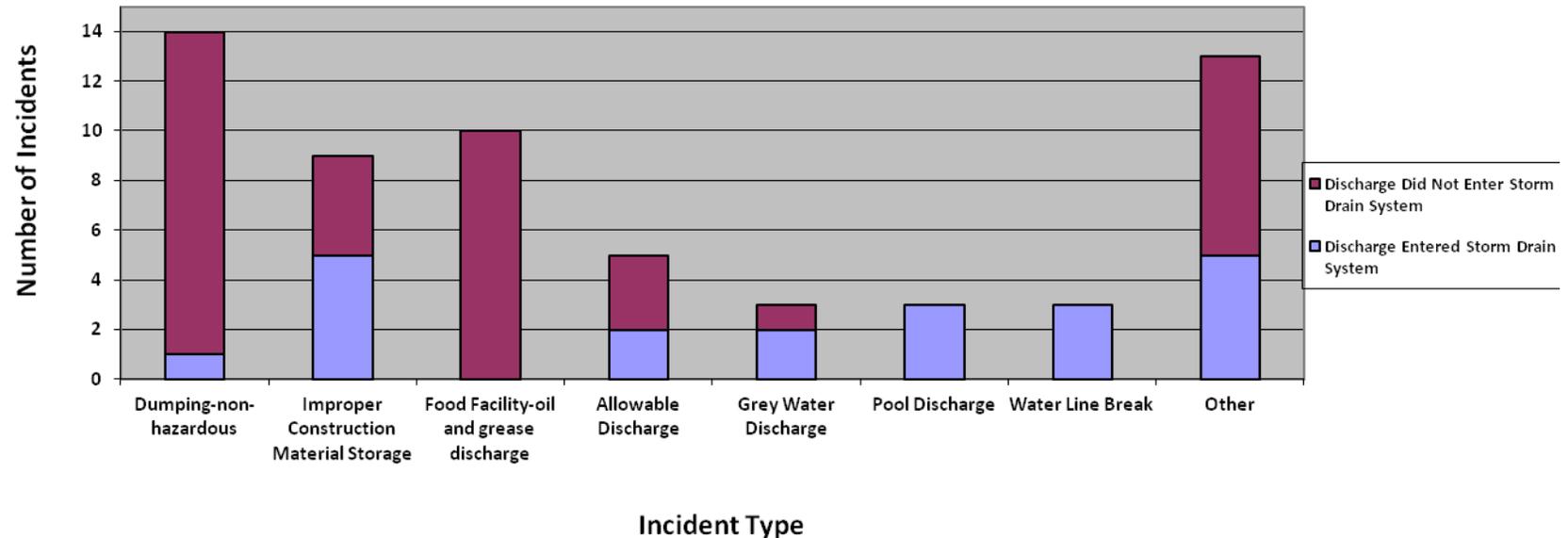


The above chart shows the breakdown of all 45 responses to reports of potential and actual illicit discharges for FY 11-12



The above chart shows the breakdown of all 78 responses to reports of potential and actual 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 spray paint cans)

The chart shows all 60 responses to reports of potential and actual discharges for FY 09-10 with a breakdown of the 7 major types



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_CheckpointLocations8.11.mxd Created August 16, 2011

SANTA CLARA

SARATOGA

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(Map contains numerous street names including: Homestead Rd, Junipero Serra Fwy, Stevens Creek Blvd, West Valley Fwy, Regnant Rd, Bollinger Rd, and many others.)

(Map contains numerous street names including: Foothill Blvd, Stevens Creek Fwy, Madera Dr, and many others.)

(Map contains numerous street names including: Lawrence Expwy, Junipero Serra Fwy, and many others.)

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ► Site/Inspection Totals		
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
3	4	63
<p>Comments:</p> <p>By September 1st each year the Public Works Engineer sends a reminder letter to all site developers or owners disturbing one acre or more of soil to prepare for the upcoming wet season. Prior to the beginning of the wet season, the Public Works Inspector visits each construction site with the potential for sediment runoff and verifies that the appropriate BMPs have been implemented before October 1st.</p> <p>The Engineering Inspector also inspects all C.3 “regulated” project construction sites at least monthly. In addition to the 63 construction site control inspections conducted by the Public Works Engineering Inspector at 7 high priority sites, building inspectors conducted more than 15,000 inspections of single family residences and small construction sites (e.g. tenant improvements). Building Inspectors are trained annually on stormwater issues, BMPs, and timely compliance. If any violations are observed the Building Inspector will require immediate remediation. If immediate compliance is not possible the violations are reported immediately to the City’s IDDE inspector and are tracked and resolved as IDDE incidents and reported in section 5 of this annual report.</p>		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations³⁹ excluding Verbal Warnings	% of Total Violations⁴⁰
Erosion Control	1	25%
Run-on and Run-off Control	0	0%
Sediment Control	2	50%
Active Treatment Systems	0	0%
Good Site Management	1	25%
Non Stormwater Management	0	0%
Total⁴¹	4	100%

Only one enforcement action is taken by the Public Works Engineering Inspector per site visit if any violations are observed during the inspection. Two written notices were issued to address 4 violations. Eight verbal warnings were issued to address 14 violations.

In FY 12-13 no illicit discharges were observed during 63 high priority construction site inspections.

C.6.e.iii.1.e ▶ Construction Related Storm Water Enforcement Actions			
	Enforcement Action (as listed in ERP)⁴²	Number Enforcement Actions Issued	% Enforcement Actions Issued⁴³
Level 1	Verbal Warning	8	83%
Level 2	Written Warning	2	17%
Level 3	Administrative Action	0	0%
Level 4	Stop Work Order	0	0%
Total		10	100%

8 Verbal warnings were given to address 14 minor violations that could be quickly and easily resolved.

³⁹ Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category. For example, if during one inspection at a site, there are 2 erosion control violations, only 1 violation would be counted for this table.

⁴⁰ Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

⁴¹ The total number of violations may count more than one violation per inspection, since some inspections may result in violations in more than one category. For example, during one inspection of a site, there may have been both an erosion control violation and a sediment control violation. For this reason, the total number of violations in this table may not match the total number of enforcement actions reported in Table C6.e.iii.1.e.

⁴² Agencies should list the specific enforcement actions as defined in their ERPs.

⁴³ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

C.6.e.iii.1.f, g ► Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.f)	0
Number of sites with discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.g)	0

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

	Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	4	100% ⁴⁴
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0% ⁴⁵
Total number of violations (excluding verbal warnings) for the reporting year⁴⁶	4	100%

Comments:
Only one enforcement action is taken by the Public Works Engineering Inspector per site visit if any violations are observed during the inspection. Two verbal warnings were given to address 4 violations at two sites.

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

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

The Public Works Engineering Inspector noted that a site may be given more than one verbal warning or written notice for the same violation type, but they are not repeated warnings for the same violation. Repeated or unresolved issues are escalated to the next enforcement level. Violations are generally corrected on the same day.

A brief comparison chart of All violations, including those that were addressed with verbal warnings, from FY 12-13 and the previous 3 years is provided below.

⁴⁴ 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.

⁴⁵ 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.

⁴⁶ The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions. I.e., This assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

	Erosion Control	Run-on & Runoff	Sediment Control	Active Treatment	Good Site Management	Non-Stormwater Management	Total
FY 12-13	5	0	7	0	6	0	18
FY 11-12	4	0	10	0	2	0	16
FY 10-11	3	0	14	0	19	3	39
FY 09-10	8	0	22	0	10	0	40

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.

The Construction Site Inspection ERP was reviewed and updated by the Public Works Engineering Inspector in April 2013. Modification to the Excel database completed in FY 11-12 to include additional information worked well for reporting in FY 12-13.

Public Works Inspector's feedback:

The biggest change for FY 12-13 is that the mid to larger builders are educated. They know what is expected and have found what works best. General contractors no longer blame the subcontractor for site maintenance issues. The requirement that they have a QSP (Qualified SWPPP Practitioner) probably played a major part in this change. Their education makes inspecting the sites much easier. Things can readily be handled verbally and only rarely are written notifications necessary. The smaller single-family home projects still have their challenges with runoff, dust, mud tracking, litter, stucco, etc., but the Building Inspectors and IDDE Inspector handle these situations and in most cases mitigate the incident before any pollution enters a storm drain inlet.

The GradAll effort to alleviate mud tracking went unbelievably well. Most of the sites in Cupertino were already rocked or paved making tracking a non factor this fiscal year. A GradAll is most troublesome when apartments or large subdivisions are being built and the sub-grade is the driving surface. During and after rain they drag mud everywhere. This was very troublesome in previous years with one apartment re-development site as they were against putting rock or plywood in place because it slows them down. Before any dirt is moved, all erosion control is required to be installed according to a signed, approved plan. Even though the Public Works Engineer tells project owners to call the Public Works Inspector before starting there needs to be follow-up to ensure this happens.

City of Cupertino staff participates in the SCVURPPP Construction Inspection Ad Hoc Task Group to stay up to date on regional discussions and guidance. For regional activities please see the C.6 Construction Site Control sections of the Santa Clara Valley Program's FY12-13 Annual Report.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Annual C.3. Stormwater Workshop	May 29, 2013	<ul style="list-style-type: none"> • Stormwater Controls for Developing Projects • What's new with Stormwater Permit Requirements • LID Stormwater BMP (C.3) Installation and O&M Costs for Orange County • Panel Presentation - Implementation of LID Requirements in Local Projects • BMP (C.3) O&M Verification Program Issues • Operation & Maintenance Requirements 	1 PW (C.3) Engineering Inspector, 1 Environmental Programs Manager, and 3 Public Works Engineers	100%

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

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

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

Summary: City staff recently repainted 230 stencils and installed 673 stainless steel medallion inlet markers. The drain inlets with updated labeling are recorded in the City's GIS storm water system.

Percentage of storm drain inlet stencils inspected and (as needed) maintained as legible in prior years:

2009-2010: 95%
2010-2011: 94%
2011-2012: 94%
2012-2013: 96%

Planned:

2013-2014: 98%
2014-2015: 99.5% (.5% allowed for any unforeseen issues).

The City purchased 1,500 "No Dumping Drains to Creek" medallions in FY 12-13 to replace painted stencils. The stainless steel markers are less toxic and will remain legible longer than painted stencils.

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

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

Note: **Since 2009, there have been no privately maintained streets constructed which have inlets that connect to the City of Cupertino's storm drain system.** When privately maintained streets are constructed, the Public Works Inspector will verify that inlets are marked prior to the final sign off of permits for the project. For the past two years, during IND inspections the City's inspectors have been asking existing businesses to stencil the storm drain inlets on their property or install metal medallions that say "no dumping drains to creek".

Annual number of newly constructed, privately maintained streets for which inlets were marked:

2009-10: 0 projects
2010-11: 0 projects
2011-12: 0 projects
2012-13: 0 projects

Annual number of newly constructed, privately maintained streets for which inlets were marked:

2009-10: 0 projects

2010-11: 0 projects

2011-12: 0 projects

2012-13: 0 projects

C.7.b.ii.1 ► Advertising Campaign

Summary:

The following separate reports developed by SCVURPPP summarize countywide advertising efforts conducted during FY 12-13: These reports are included within the C.7 Public Information and Outreach section of SVCURPPP's FY 12-13 Annual Report.

C.7.b.ii.1 Advertising Campaign

- FY 12-13 Watershed Watch Campaign Annual Campaign Report
- FY 12-13 Watershed Watch Partner Report
- FY 12-13 Watershed Watch Web Statistics Report
- FY 12-13 BASMAA Be the Street Youth Litter Outreach Campaign Report
- FY 12-13 media plan included broadcast television, broadcast radio, transit, online and mobile advertising
- BASMAA Youth Litter Campaign Report

Program Campaigns are as follows:

- Watershed Watch Campaigns
- FY 12-13 media plan campaigns include broadcast television, broadcast radio, transit, online and mobile advertising as follows:
 - Litter/TV – Litter Advertising
 - "Watch Out" radio ads were used to promote Integrated Pest Management (IPM)
 - Litter messages "You are the Solution to Water Pollution" (KARMA message)
 - Car Wash Radio Ads to promote Cash Wash events & Watershed Watch discount cards
 - "Watch Out for Mercury" to promote HHW disposal

- Be the Street – litter campaign - anti-litter "Twilight" and "Holiday" themed art for signs to be printed by cities conducting local (Be the Street) photo events.
- BASMAA – Got Ants (IPM) – television & radio
- KNTV Class Action Segments – television
- TELEMUNDO Segments – television
- "Hire a Green Gardener" radio spots promoting the Green Gardener program. Cupertino website & Cupertino Scene Newsletter
- National River Clean Up & Coastal Clean Up
- Regional Water Brand Development
- Santa Clara County Valley Transportation Authority (VTA) IPM bus tail advertising
- Watershed Watch Display
- "You are the Solution to Water Pollution" creative, 15-second "Karma" pre-roll video, and Watershed Watch Discount Card messages
- Radio Tips - Tips on IPM, promoting Green Gardener classes, hiring a Green Gardener, River Clean up, 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/Online Ads
- Facebook-Fan-Web Ads
- Google Earth Watershed Grant Project

Bag Ordinance Advertising: The City adopted a Bag Ordinance on January 15, 2013, to comply with the State's regional San Francisco Bay anti-litter & water protection mandates. This ordinance prohibits the distribution of thin plastic carry out bags. On October 1st, 2013 stores in Cupertino will be required to charge \$0.10 for a recycled paper bag. Stores will not be allowed to give out free thin plastic shopping bags. Shoppers may use their own reusable bags and avoid paying the \$0.10 per bag charge. The City advertised extensively through newspapers, the *Cupertino Courier*, the *Cupertino Scene* newsletter, letters to Cupertino businesses, numerous presentations to businesses and residents, flyers, posters, shopping cart corral signs, messaging to Cupertino residents in Recology's (Garbage & Recycling Hauler) quarterly bill, and knock and talk visits to all of the business that will be affected by the ban.

Polystyrene Foam Food Service Foam 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 12-13 and at the City's August City Council meeting.

EPS Foam Food Ware Ordinance: The City of Cupertino began the review process considering adoption of an ordinance that would restrict the use of Expanded Polystyrene (EPS) foam food ware by Cupertino restaurants and food service establishments. The City participated in San José's EPS Foam Initial Study CEQA Review and qualified for a Mitigated Negative Declaration. The proposed Expanded Polystyrene (EPS) Foam Food Service Ware Ordinance is a model ordinance that would regulate the use of EPS foam food service ware within participating jurisdictions in Santa Clara County, including Cupertino. It is anticipated that adoption will occur during FY 13-14. Cupertino, Los Altos, Sunnyvale, and Mountain View

will participated in a Food Ware Open House to educate restaurants about alternative products and proposed city ordinances to phase out EPS foam food ware (8-6-13) to reduce litter and improve water quality.

Watershed Education & Outreach (WE&O) Ad Hoc Committee: The City of Cupertino continues to participate in the WE&O Ad Hoc Committee 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 WE&O projects, and supports funding campaigns for programs at Alviso Education Center, ZunZun water education performances in local schools, and Our Water Our World IPM Store Partnership. **Zero Litter Initiative (ZLI)** - City staff participated in Countywide Zero Litter Initiative Workshops – The Outreach and Education Committee's objective is to develop common messages to eliminate litter by educating business, organizations and residents. Common or shared trash container/dumpster areas are common sources of trash and litter in our communities. These areas suffer from the "tragedy of the commons" effect where many individuals use the containers, no one feels they have personal responsibility for keeping the area clean, the container lids are left open or material is overflowing, and material can be easily mobilized by wind or animals. Reducing litter in all of our communities will improve our water quality.

Green Business Program: As part of the City's GreenBiz Cupertino program, 41 Cupertino businesses have been certified as a Green Business. Cupertino assists, recognizes and rewards organizations that commit to adopting policies and implementing practices that protect the local environment and improve public health. GreenBiz scaffolds the statewide Bay Area Green Business Program to offer free support to interested small/mid-size businesses, non-profit organizations and schools to navigate this rigorous certification process. Our team works with organizations to introduce a suite of sustainability measures that meets the shared objectives of property owners and tenants by conserving energy and water, minimizing material use and disposal, preventing pollution and cutting costs.

Regional Water Steering Committee: The City collaborated in the Regional Water Steering Committee Campaign on evaluating GeniusRocket's submittals of usable taglines. The group developed criteria 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, which is committed to keeping our streets and waterways clean and safe.

Enviroscape: The City's utilizes its Enviroscape, often to educate children and adults about our watershed and protecting the waterways from pollution. The City Enviroscape made a short journey to Heritage Oaks Park on Permanente Creek in Los Altos. Acterra partnered with GreenTown Los Altos to put on our first ever Permanente Creek World Water Monitoring Challenge on Saturday, March 16, 2013. Over 30 local folks, including several Girl Scout groups, enjoyed themselves enormously, first depositing the pollutants and then raining down on the watershed and washing the pollutants down on the poor hapless creatures in the creek. This was not only fun and educational for the kids, but it was a real eye-opener for the adults who really never gave much thought about how they contribute to non-point source pollution. In addition, the City's environmental team, Acterra, the City's creek education program and others that are interested use this model at events, festivals, by a creek and in classrooms. The Enviroscape is a great hands-on model to educate Cupertino residents. As a matter of fact, the City's Environmental Services table is extremely popular table at community events.

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

The City purchased *Creek Watchers Exploring the Worlds of Creeks and Streams* booklets for the 3rd grade teachers that participated in the Creek Education Program at McClellan Ranch.

C.7.b.iii.1 ► Pre-Campaign Survey

Information on the pre-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the FY 12-13 Annual Report.

Through SCVURPPP and BASMAA Cupertino continued to develop public outreach campaigns targeting litter/trash load reduction in FY 2012-2013. The City conducted a litter-focused survey at its Earth Day Festival on April 6, 2013, and received 109 responses. Survey respondents were provided a free reusable bag and additional anti-litter messaging. The litter survey was also conducted at the City's October 13, 2012 World Water Monitoring Event and received 25 responses.

Survey report attached

Reference to regional submittal:

C.7.c ► Media Relations

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

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

Estimated broadcast runs for environmental PSAs and programs on The City Channel and Radio Cupertino:

TELEVISION SPOTS (The City Channel)

Save the Bay PSA – 5 times weekly (average)

Santa Clara County Watershed PSA – 5 times weekly (average)

City of Cupertino Reusable Bag Ordinance PSA (Long TV Version) – 3 times daily through the end of 2013

City of Cupertino Reusable Bag Ordinance PSA (Short TV Version) – 3 times daily through the end of 2013

Give an Experience PSA – 5 times weekly (between Thanksgiving and New Years only)

TELEVISION PROGRAMS (The City Channel)

Habitable Planet: A Systems Approach to Environmental Science – 3 times annually

(A 13-part PBS series that explores the impact of human activity on the earth's ecosystems)

Plastic Pollution Prevention Summit – 3 times annually

(This summit, co-hosted by the City of Cupertino, is a "how-to" event for activists and local government agencies for developing policies that aim at preventing plastics from entering the environment. Recorded February 23, 2011. Seven shows in the series.)

GreenBiz Cupertino – 3 times annually

(GreenBiz Cupertino is a program established to both champion and incentivize local Cupertino businesses that support our community by conserving energy and water, minimizing waste generation and preventing pollution. Seven shows in the series.)

EcoNews – Thursdays at 6:00 pm (52 times annually)

(This television series is hosted each week by Nancy Pearlman. Programs include on-location documentaries shot around the world and in-studio interviews with guests representing a wide range of environmental issues and organizations.)

RADIO SPOTS

Santa Clara County Reusable Bag PSA – 3 times daily (average)

Give an Experience PSA – 3 times daily (between Thanksgiving and New Years only)

AD Council National Radio Spots (we air over 100 spots daily, some of them on environmental issues such as energy conservation, pollution, recycling, etc.)

LOCALLY PRODUCED RADIO SPOTS*

City of Cupertino Reusable Bag Ordinance PSA (Radio Spot) – 50 times a day

Fluorescent Bulb Recycling PSA – 10 times a day (airs for the entire year)

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

Compost Pickup PSA – 25 times a day (airs between March and October)

**Radio spots produced by City of Cupertino staff*

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, Household Hazardous Waste services, air quality protection, composting and recycling programs.

Cupertino Scene articles:

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

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.

July/August Advertising 2012:

Compost Site-Open July 4 Weekend

Yellow Pages Opt-Out

Citywide Garage Sale is Coming

Computer Recycling

Free Compost Classes in Cupertino-August 11

Eight Easy Tips for Preventing Waste

September Advertising 2012:

Dispose of Household Hazardous Waste with WM At-Your-Door Service
Free Compost Class in Cupertino, October 6
Document Shredding Event-Saturday, October 27
Need to Drain your pool?
Professional Green Gardeners
E-Waste Recycling
Professional Green Gardeners Training
Garage Sale article

October Advertising 2012:

Last Chance for Compost This Year
Volunteers for World Water Monitoring Day
Free Compost Classes in Cupertino, October 6th
Copper Break Pads
Environmental Recycling Day & Document Shredding Event, October 27th
Recycling – It's the Law
Resident Testimonial: WM At-Your-Door Household Hazardous Waste Disposal
Master Composter Training Program Accepting Applications

November 2012 Advertising

Thanksgiving Holiday Will Affect Garbage Pick Up Days
Comment on DRAFT Reusable Bag Ordinance
America Recycles Day
Winter Wood burning Tips

December 2012 Advertising

Residents, Business & City Council to Review Single Use Bag Ordinance
Recycling During the Holidays
Extra Holiday Trash?
California Native Plant Society –December 13th
Tips to Improve Your Garden Soil- January 8th,9th

February 2013 Advertising

Cupertino's New Single Use Bag Ordinance

Paint Recycling – Take Back Program
Did the Garbage Company miss a pickup?
Create a Beautiful, Healthy, Sustainable Garden & Learn to Compost Too
How Do Cars Contribute to Bay Pollution?
Street Sweeping Keeps Our Creeks Clean

March 2013 Advertising

Compost Available Again for Cupertino Residents – March 22
Pest Control Info Available
What to do with Your Household Hazardous Waste?
Greenfingers to the Rescue

April 2013 Advertising

Compost Available Again
Cupertino's New Litter Reduction & Reusable Bag Ordinances
Environmental Recycling Day & Document Shredding Event – May 18th
Free Home Composting Class
Paint Recycling – Take Back Program
Creek Clean Up Event

May 2013 Advertising

Environmental Recycling Day & Document Shredding Day Event – May 18th
Creek Clean Up Event- May 18th
Use Reusable Bags in Cupertino
Is Your Bin Too Full
End Cigarette Litter or Pay the Price
Car Washing Tips to Save the Bay
Dispose of Pet Waste properly

June 2013 Advertising

Compost with Success
Cupertino Becomes Clean Zone – No Butts about it
2013 Garage Sale Date Set
What Do You do with Household Hazardous Waste?
Help Water Flow

Use Reusable Bags in Cupertino
Exercise Caution When Choosing Pesticides

Cupertino Courier Silicon Valley Community Newspaper articles at no charge to the City:

August 3, 2012: Learn how to compost work
August 17, 2012: Officials Continue Talks on Potential Polystyrene Plastic Bag Ban
August 24, 2012 : Citywide garage sale coming soon-Article
August 24, 2012: Cupertino Citywide Garage Sale
August 31, 2012: Free Composting Classes
August 31, 2012: Cupertino Citywide Garage Sale
August 31, 2012; Gardeners go green with ACE class
August 31, 2012: Volunteers make clean sweep of local waterways on Coastal Cleanup Day
August 31, 2012: Santa Clara Valley Green Gardener Training Program
September 7, 2012:Cupertino Citywide Garage Sale
September 7, 2012:Cupertino Citywide Garage Sale
September 14, 2012: E-Waste Recycling & Professional Green Gardeners Training
September 21, 2012: Garage Sale article & Thermometer Exchange

November 9, 2012: Stevens Creek project wins design award
December 2, 2012: Cupertino Courier-Bag ban issue headed to city council
December 21, 2012: Cupertino Patch-Bag Ban on Council Agenda Tuesday
January 4, 2013: Christmas tree pick-ups
January 11, 2013-Cupertino Courier- Hearing on bag ban set for Jan. 15, Recycling shredding day at De Anza
February 2013: Mercury News-Bag ban discussion reaching Cupertino leaders January
March 22, 2013: Cupertino Courier-Compost site open through fall
April, 12, 2013: Volunteers needed to eye creek health
May 17, 2013: City Continuing In County's Waste Program, Though With Some Changes & Recycling Day at De Anza

Silicon Valley Newspaper (Courier)Ads:

Cupertino Citywide Garage Sale (8/10/12, 8/17/12, 8/24/12, 8/31/12, 9/7/12, 9/14/12, 9/21/12)

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

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

Bag Ordinance Advertising: The City adopted a Bag Ordinance on May 5, 2013, to comply with the State's regional San Francisco Bay anti-litter & water protection mandates. This ordinance prohibits the distribution of thin plastic carry out bags. On October 1st, stores in Cupertino will be

required to charge \$0.10 for a recycled paper bag. Stores will not be allowed to give out free thin plastic shopping bags. Shoppers may use their own reusable bags and avoid paying the \$0.10 per bag charge. The City advertised extensively through newspapers, the *Cupertino Courier*, the *Cupertino Scene* newsletter, letters to Cupertino businesses, numerous presentations to businesses and residents, flyers, posters, shopper cart corral signs, messaging to Cupertino residents in Recology's (Garbage & Recycling Hauler) quarterly bill, and knock and talk visits to all of the business that will be affected by the ban.

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EPS Foam Food Service ware Ordinance: The City of Cupertino began the review process to consider adoption of an ordinance that would restrict the use of Expanded Polystyrene (EPS) foam food ware packaging by Cupertino restaurants and food service establishments. The City participated in San José's EPS Foam Initial Study CEQA Review which resulted in a Mitigated Negative Declaration. The proposed Expanded Polystyrene (EPS) Foam Food Service Ware Ordinance is a model ordinance that would regulate the use of EPS foam food service ware within participating jurisdictions (all of Santa Clara County, including Cupertino). It is anticipated that adoption will occur during FY 13-14. Cupertino, Los Altos, Sunnyvale and Mountain View made plans to host a Food Ware Vendor Open House (on 8-6-13) to present local restaurants with alternative food ware packaging to reduce litter and improve water quality.

Watershed Education & Outreach (WE&O) Ad Hoc Committee: The City of Cupertino continues to participate in the WE&O Ad Hoc Committee 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 WE&O projects, and supports funding campaigns for programs at Alviso Education Center, ZunZun water education performances in local schools, and Our Water Our World IPM Store Partnership.

Zero Litter Initiative (ZLI) - City staff participated in Countywide Zero Litter Initiative Workshops – The Outreach and Education Committee's objective is to develop common messages to eliminate litter by educating business, organizations and residents. Common or shared trash container/dumpster areas are common sources of trash and litter in our communities. These areas suffer from the "tragedy of the commons" affect where many individuals use the containers, no one feels they have personal responsibility for keeping area clean, the container lids are left open or material is overflowing, and material can be easily mobilized by wind or animals. Reducing litter in all of our communities will improve our water quality.

The City 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 purchased Creek Watchers Exploring the Worlds of Creeks and Streams booklets for the 3rd grade teachers that participated in the Creek

Education Program at McClellan Ranch.

Green Business Program: As part of the City's GreenBiz Cupertino program, 41 Cupertino businesses have been certified as a Green Business. Cupertino assists, recognizes and rewards organizations that commit to adopting policies and implementing practices that protect the local environment and improve public health. GreenBiz scaffolds the statewide Bay Area Green Business Program to offer free support to interested small/mid-size businesses, non-profit organizations and schools to navigate this rigorous certification process. Our team works with organizations to introduce a suite of sustainability measures that meets the shared objectives of property owners and tenants by conserving energy and water, minimizing material use and disposal, preventing pollution and cutting costs.

Regional Water Steering Committee: The City collaborated in the Regional Water Steering Committee Campaign 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 which is committed to keep our streets and waterways clean and safe.

Enviroscape: The City's utilizes its Enviroscape, often to educate children and adults about our watershed and protecting the waterways from pollution. The City Enviroscape made a short journey to Heritage Oaks Park on Permanente Creek in Los Altos. Acterra partnered with GreenTown Los Altos to put on our first ever Permanente Creek World Water Monitoring Challenge on Saturday, March 16, 2013. Over 30 local folks, including several Girl Scout groups, enjoyed themselves enormously, first depositing the pollutants and then raining down on the watershed and washing the pollutants down on the poor hapless creatures in the creek. This was not only fun and educational for the kids, it was a real eye-opener for the adults who really never gave much thought about how they contribute to non-point source pollution. In addition, the City's environmental team, Acterra, the City's creek education program and others that are interested use this model at events, festivals, by a creek and in classrooms. The Enviroscape is a great hands-on model to educate Cupertino residents. As a matter of fact, the City's Environmental Services table is extremely popular at community events.

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 12-13:

No changes were made to Cupertino's program.

C.7.e ► Public Outreach Events

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

Use the following table for reporting and evaluating public outreach events.

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

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscope presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted
Name: Silicon Valley Fall Festival Location: Memorial Park, Cupertino Date: 9/22/12 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 and Thermometer Exchange	General Feedback: 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 Thermometers Exchanged: 2 Visitors at Booth: 240 Number of Litter Recycling Quiz: 62

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<p>Name: Silicon Valley Fall Festival Location: Memorial Park, Cupertino Date: 9/22/12 Region: Local</p>	<p>Acterra staff had an informational table displaying information on their activities and mission, . They handed out brochures, invited folks to look at the fresh creek bugs in a tray and offered the opportunity for visitors to do a bit of water quality monitoring on the "portable creek" (creek water in a bucket).</p>	<p>General Feedback: Since this is not a specific environmental event, this is a great opportunity to reach folks who are not already inclined to think about how their actions affect the quality of habitat in our local creeks. Estimated Overall Event Attendance: 400 visitors at booth.</p>
<p>Name: Drug Disposal & Thermometer Exchange Date: 9/17/12 Location: Cupertino Senior Center Region: Local</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 Pharmaceuticals Collected: 140 pounds Mercury Thermometers Collected: 53</p>
<p>Name: World Water Monitoring Day Event Date: 10/13/12 Location: Blackberry Farm/Stevens Creek Region: Cupertino</p>	<p>Type of Event: Water Quality Monitoring Audience: City of Cupertino and Acterra 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. Attendees also practiced "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"> • Water Quality Monitoring at Creek • Creek Bug Monitoring • Enviroscope Demonstration 	<p>General Feedback: Folks had a really good time and seemed to learn a lot with the monitoring, bugs, and the Watershed Enviroscope . Participants learned more about the watershed in which they live, how watersheds work and what Creeks do to protect wildlife and creek habitat. Attendance: 46 participants Number of Surveyed: 25</p>
<p>Name: Cupertino's Environmental Recycling Days Dates: 10/27/12, 1/19/13, 5/18/13 Location: De Anza College Region: Local</p>	<p>Type of Event: Drive through, drop off service Audience: Cupertino residents Message: encourage extended use of products and to prevent valuable resources into the landfill.</p>	<p>General Feedback: Very Successful Estimated Overall Event Attendance: 930 Pounds collected: 94,498</p>

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<p>Name: Be the Street Campaign Date: 11/15/12 Location: AMC Theatre (Twilight) Region: Cupertino & Sunnyvale</p>	<p>Type of Event: Be the Street Campaign Audience: Cupertino & Santa Clara County residents Message: Behavior change; Do not litter/pick up your trash and place in the appropriate containers. Pictures were taken of Twilight movie goers in costumes provided by the City & Sunnyvale in front of the Be the Street banner.</p>	<p>General Feedback: Successful Estimated Overall Event Attendance: 100</p>
<p>Name: Cupertino's 5th Annual Earth Day Date: 4/6/13 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 Feedback: 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: 8,000-10,000 Number of Brochures Distributed: 100 flyers Litter Surveys: 109</p>

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<p>Name: Pumpkins in the Park Date: October 13, 2012 Location: Guadalupe River Park/Discovery Meadow, San José 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 Bean Bag game was very popular with the kids. Estimated Overall Event Attendance: 13,000-15,000 Number of Brochures/Flyers Distributed: 284 Number of Giveaways Distributed: 491 Number of Watershed Watch Discount Cards Distributed: 103 Number of kids that played the bean bag game: 360</p>
<p>Name: Haunt the Hollow Date: October 28, 2012 Location: Happy Hollow Park & Zoo at Kelley Park, San José 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: 3,800 Number of Brochures/Flyers Distributed: 43 Number of Giveaways Distributed: 617 Number of Watershed Watch Discount Cards Distributed: 156 Number of kids that played the bean bag game: 524</p>
<p>Name: Water Day at History San José Date: March 23, 2013 Location: History Park San José Region: Countywide</p>	<p>Type of Event: World Water Day Celebration Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control, and proper disposal of HHW.</p>	<p>General Feedback: The event was held for the first time this year and attendance was low. The event was publicized as a park clean up event and did not include many outreach booths. The Program will probably not attend this event next year. Estimated Overall Event Attendance: 100 - 150 Number of Brochures/Flyers Distributed: 51 Number of Giveaways Distributed: 60 Number of Watershed Watch Discount Cards Distributed: 17 Number of kids that played the bean bag</p>

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		game: 43
Name: Mission College Eco Fair Date: April 18, 2013 Location: Mission College Campus, Santa Clara Region: Citywide	Type of Event: BE the Street College event Audience: Young adults, students Messages: Litter Prevention	General Feedback: The event was well organized and a good place to reach young adults. The BASMAA Be the Street photo booth was used at this event and approximately 68 attendees posed for pictures. Estimated Overall Event Attendance: 500-1,000
Name: NVIDIA Corp. Earth Day Event Date: April 19, 2013 Location: NVIDIA, 2701 San Tomas Expwy, Santa Clara Region: Countywide	Type of Event: Corporate event Audience: Information Technology Professionals Message: Stormwater pollution prevention, less-toxic pest control	General Feedback: The event was very well organized. A lot of employees stopped at the booth to ask questions. Estimated Overall Event Attendance: 500-1,000 Number of Brochures/Flyers Distributed: 198 Number of Giveaways Distributed: 118 Number of Watershed Watch Discount Cards Distributed: 64
Name: Spring in Guadalupe Gardens Date: April 20, 2013 Location: Guadalupe River Park and Gardens, San José Region: Countywide	Type of Event: Community fair, plant sale. Audience: Families with children, homeowners and gardeners Messages: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.	General Feedback: Good attendance. This is a good event for reaching home gardeners. Estimated Overall Event Attendance: 4,000 Number of Brochures/Flyers Distributed: 253 Number of Giveaways Distributed: 146 Number of Watershed Watch Discount Cards Distributed: 113 Number of kids that played the bean bag game: 44
Name: Watershed Watch "half-off" two hour Car Wash Event Date: May 29, 2013 Location: Capitol Premier Car Wash, 735 Capitol Expressway Auto Mall, San José Region: Countywide	Type of Event: Car Wash Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.	General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. Estimated Overall Event Attendance: 55 car washes. Number of Brochures/Flyers Distributed: 68 Number of Watershed Watch Discount Cards Distributed: 85
Name: Watershed Watch "half-off" two hour Car Wash Event	Type of Event: Car Wash Audience: Car wash customers	General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach

<p>Date: June 5, 2013 Location: Delta Queen Classic Car Wash, 981 E Hamilton Avenue, Campbell Region: Countywide</p>	<p>Messages: Stormwater pollution prevention, proper car washing.</p>	<p>car wash customers. Estimated Overall Event Attendance: 88 car washes Number of Brochures/Flyers Distributed: 50 Number of Watershed Watch Discount Cards Distributed: 97</p>
<p>Name: Watershed Watch "half-off" two hour Car Wash Event Date: June 12, 2013 Location: Robertsville Classic Car Wash, 5005 Almaden Exp., San José Region: Countywide</p>	<p>Type of Event: Car Wash Audience: Car wash customers Messages: Stormwater pollution prevention, proper car washing.</p>	<p>General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. Estimated Overall Event Attendance: 104 car washes Number of Brochures/Flyers Distributed: 104 Number of Watershed Watch Discount Cards Distributed: 122</p>
<p>Name: Festival in the Park Date: June 22, 2013 Location: Hellyer County Park, San José Region: Countywide</p>	<p>Type of Event: Community Health Fair Audience: Families with children. Message: Stormwater pollution prevention, less-toxic pest control, and proper disposal of HHW.</p>	<p>General Feedback: Great attendance throughout the whole event. This event is great for reaching Spanish speaking segments of the population. Estimated Overall Event Attendance: 5,000+ Number of Brochures/Flyers Distributed: 318 Number of Giveaways Distributed: 506 Number of Watershed Watch Discount Cards Distributed: 18 Number of kids that played the bean bag game: 256</p>

C.7.f. ► Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

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

Summary:

As of January 2013, the Environmental Programs Manager was appointed Chair of the RWRC TAC and a member of the Santa Clara Valley Urban Runoff Pollution Prevention Program Management Committee. In addition to the above mentioned committees, the Environmental Programs Manager is an active member of the Santa Clara County Zero Waste committee and participated in the Zero Litter Roundtable Discussion s.

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

		elementary school students, 2 middle school students, 4 high school students and 3 adults.
Name: Bethel Lutheran Church Clean Up Date: 7/22/12 Location: Creekside Park & Calabazas Creek Focus: Local	Type of Event: Volunteer Citizen Creek Clean Up event of trash and litter	General Feedback: 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. Collection by volume: Bags collected: 0.59 cubic yards Un-bagged trash: 0.26 cubic yards Total: 0.85 cubic yards
Name: Abundant Life Church Clean Up around the City of Cupertino Date: 8/6/12 – 8/12/12 Location: Cupertino Citywide Focus: Local	Type of Event: Volunteer Citizen Citywide Clean Up event of trash and litter around the City of Cupertino	General Feedback: Good attendance Estimated Overall Event Attendance: 200 Number of Bags Collected: 17 13-gallon bags of litter were collected off the streets of Cupertino Collection by volume: Bags collected: 1.1 cubic yards Un-bagged trash: 0.26 cubic yards Total: 1.36 cubic yards
Name: Abundant Life Church Clean Up Date: 8/17/12 Location: Stevens Creek @ Heney Outfall Focus: Local	Type of Event: Volunteer Citizen Creek Clean Up event of trash and litter	General Feedback: Good attendance Estimated Overall Event Attendance: 8 adults Number of bags collected: 8 23-gallons of un-bagged trash. Collection by volume: Bags collected: 0.51 cubic yards Un-bagged trash: 0.11 cubic yards

		Total: 1.2 cubic yards
Name: Car Wash Kit Participation Date: 8/11/12 Location: Monte Vista High School Focus: Local	The City provided a carwash kit to Cupertino residents/organizations and to Monte Vista 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: Cupertino Compost Workshops Dates: 8/11/12, 10/6/12 Location: Cupertino Focus: Local	The City held two free "how-to" backyard compost workshops at Cupertino's Community Hall, 10300 Torre Ave, & Quinlan Community Center. Cupertino residents attending one Compost or worm workshops received a free compost bin.	General Feedback: Good attendance A total of 116 people attended, and 75 compost bins were distributed. 8/11/12 = 40 attendees, 32 compost bins 10/6/12 = 76 attendees, 43 compost bins
Name: Community Service Days Date: 9/25/12, 10/6/12, 11/1/12, 1/12/13, 2/9/13, 2/16/13 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide	This is an open day for the general public. Participants work in the gardens planning native plants, pulling non-native plants, and mulching.	Number of attendees on 9/25/12: 2 pre-K students, 1 elementary student and 1 adult. Number of attendees on 10/6/12: 2 elementary school students and 3 adults. Number of attendees on 11/1/12: 14 elementary school students and 10 adults. Number of attendees on 1/12/13: 7 elementary school students and 4 adults. Number of attendees on 2/9/13: 2 pre-K students, 6 elementary school students and 6 adults. Number of attendees on 2/16/13: 13 middle school students and 12 adults.
Name: Thermometer Exchange & Safe Drug Disposal Event Date: 9/17/12	Type of Event: Mercury Thermometer Exchange	Estimated Overall Event Attendance: 100 Number of Brochures Distributed: 0 Pharmaceutical Collected: 171.5 pounds

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Location: Cupertino Senior Center Region: Local		Mercury Thermometers Collected: 53 Reusable Bags given away: 60 Participants Surveyed: 100
Name: Car Wash Kit Participation Date: 5/11/13 Location: Bethel Lutheran Church Focus: Local	The City provided a carwash kit to Cupertino residents/organizations and to Bethel Lutheran 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.	General Feedback: The fundraising events using the City's Car Wash Kit were successful.
Name: Cupertino's World Water Monitoring Day Monitoring by Acterra & City of Cupertino Date: 10/13/12 Location: Blackberry Farm-Stevens Creek Focus: Local	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.	General Feedback: Provides environmental education through stewardship. Estimated Overall Event Attendance: 30 Number of Brochures Distributed: 25
Name: National River Cleanup Day Date: 5/18/13 Location: Various locations throughout the County Focus: Countywide	In FY 12-13, the Creek Connections Action Group sponsored two creek clean-up events: California Coastal Clean-up Day on September 15, 2012 and National Rivers Clean-up Day on May 18, 2013. The Program provided funding for the National Rivers Clean-up Day advertising.	On National River Cleanup Day, a total of 834 volunteers participated in cleaning 38 sites and removed approximately 15,798 pounds of trash and 2,556 pounds of recyclables from creeks. Collection by volume: 1.2 cubic yards total
Name: National River Cleanup Day Date: 5/18/13 Location: Calabazas & Regnart Creek Focus: Cupertino	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 quantify types of trash and likely sources	General Feedback: Good attendance, and successful event. Estimated Distance of creek cleaned : 2.5 miles Overall Event Attendance: 78 Removed 240 lbs out of the creek
Name: Bike to Work Week Date: 5/6/13 – 5/10/13 Location: throughout Cupertino	Type of Event: Bike to Work week is an event to promote alternative commuting, focused on improving air quality, reducing petroleum and	Estimated Overall Event Attendance: 11 City employees biked/walked 163 alternative miles. Adding alternative transit increases total

<p>Focus: Santa Clara County/Local</p>	<p>consumption. Organizer: Silicon Valley Bicycle Coalition & the City of Cupertino. 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, Inc. 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>vehicle mileage savings to \$226.</p> <p>In addition, Cupertino hosted an energizer station on Stelling Road in coordination with the Silicon Valley Bike & Pedestrian Commission.</p> <p>Number of Brochures Distributed: The City does not actively distribute flyers for this event, but rather engages employers through newsletters (i.e. the <i>Cupertino Scene</i>), and the City's website (www.cupertino.org).</p>
<p>Name: Bethel Lutheran Church Clean Up Date: 6/30/13 Location: Stevens Creek Focus: Local</p>	<p>Type of Event: Volunteer Citizen Creek Clean Up event of trash and litter.</p>	<p>General Feedback: 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. Collection by volume: 0.59 cubic yards total</p>
<p>Name: Bug Club (Macroinvertebrate Study) Date: Weekly Location: McClellan Ranch Junior Museum, Deep Cliff Golf Course, Blackberry Farm, Stockmeir Orchard, in Cupertino Focus: Local</p>	<p>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</p>	<p>General Feedback: 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: 50</p>

	important clues to the health of the habitat.	
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 Feedback: 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 565 hours. Collection by volume: 95 gallons or 0.5 cubic yards
Cupertino Community Garden Adults Date: Ongoing Location: McClellan Ranch Park	Plots are made available to Cupertino residents for organic gardens. A handbook is provided to participating gardeners with rules and resources for organic gardening.	General Feedback: Effective in encouraging gardeners to grow produce without reliance on chemical fertilizers and pesticides. Number of People Participating: Approximately 130 actively working in 65 garden plots.
Name: Acterra Water Quality Monitoring Date: Monthly Location: McClellan Bridge and Stevens Creek Blvd Bridge Focus: Area-wide	Volunteers conduct monthly monitoring of water chemistry at nine sites along Stevens and Permanente Creeks. Two sites are in Cupertino.	General Feedback: Provides environmental education through creek stewardship. Attendance: 150
Name: Acterra Annual Benthic Macroinvertebrate Sampling Date: September 29 and 30 Location: McClellan Ranch, Blackberry Farm, and Stockmeir Orchard Focus: Area-wide	This Acterra study of benthic macroinvertebrates, or creek bugs, has been ongoing since 2006. We use a targeted riffle method to collect five non-overlapping samples at each of three sites in Cupertino.	General Feedback: This is the necessary fieldwork portion of our study, with the processing of the bugs taking place throughout the year at Bug Club. Attendance: 15
Name: Acterra Bug Club Date: twice a month Location: Junior Nature Museum at McClellan Ranch Focus: Area-wide	Volunteers sort and identify the creek bugs collected in the annual sampling event. Some bugs are known to be pollution sensitive while other are quite tolerant. The types and numbers of bugs we find at a particular site can tell us much about habitat quality.	General Feedback: 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 program. Attendance: 200
Name: Acterra Habitat Restoration Project Date: throughout the year Location: McClellan Ranch and Blackberry Farm in Cupertino Focus: Area-wide	Volunteers pull weeds, mulch, prune, set out native plants, and water. The goal is to improve habitat for local wildlife.	General Feedback: Participants learn about the value of native plants – both in the city's open spaces and in their own yards. Attendance: Forty-two workdays with 458 participants.

Name: Acterra/Cupertino World Water Monitoring Challenge Date: October 1 Location: Blackberry Farm Focus: Local	Participants use fun color-changing kits to collect data on water temperature, pH, dissolved oxygen, and turbidity. They also have a chance to do habitat analysis by looking at creek bugs.	General Feedback: This event is a lot of fun and provides watershed education to folks of all ages. Attendance: 35 participants
Name: De Anza and Foothill College Fieldtrips Date: throughout the year Location: McClellan Ranch and Blackberry Farm Focus: Area-wide	Students are given hands-on opportunities to do water quality monitoring and a streamside assessment of habitat quality using creek bugs. Nonpoint source pollution is a focus.	General Feedback: Teachers find this fieldwork a valuable addition to classroom curriculum. Attendance: Eleven fieldtrips with 325 students.
Name: Acterra Nature Lectures and Walks Date: throughout the year Location: McClellan Ranch and Blackberry Farm, Cupertino Focus: Local	This last year our walks focused on bugs, bats, and plant galls. The lecture was on improving backyard habitat for birds through setting out nesting boxes.	General Feedback: These events help local residents better understand and appreciate natural areas. Attendance: Four walks and lectures with 84 participants.

C.7.h. ► School-Age Children Outreach

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

Outreach to school-age children is implemented through ZunZun assemblies at local elementary schools and the "Watershed Watchers" program at the Environmental Education Center at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) in Alviso. The Program sponsors up to 50 ZunZun assemblies at elementary schools in Santa Clara Valley and funds an Interpretive Specialist position at the Refuge for conducting activities and programs about watershed and urban runoff pollution prevention. The Fourth Quarter "Watershed Watchers" Report including the End-of-Year summary is included in the Program Annual Report Appendix 7-5. The ZunZun Final Report is included in the Program Annual Report Appendix 7-7.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Name : ZunZun Musical Assembly Grade or level: elementary	Interactive, musical school assemblies educating K-6 children about watersheds and pollution prevention.	15,632 students	ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 206 completed evaluation cards from teachers. Overall, the feedback was positive and indicates an increase in the students'

			<p>knowledge about watersheds and pollution prevention.</p> <p>A few highlights of the evaluations are:</p> <ul style="list-style-type: none"> • Thirty-four teachers indicated that after the performance, 25% of their students knew what a watershed was; 33 teachers indicated that 50% of their students knew what a watershed was and 86 teachers indicated that 75% of their students knew what a watershed was. • Fourteen teachers indicated that after the performance, 50% of their students could name a way to prevent pollution in the watershed; 64 teachers indicated that 75% of their students could name a way to prevent pollution in the watershed; and 118 teachers indicated that 100% of their students could name a way to prevent pollution in the watershed. <p>The Final Teacher Evaluation Report is included in the Program Annual Report Appendix 7-7.</p>
<p>Name: Watershed Watchers Program at Don Edwards Wildlife Refuge in Alviso</p> <p>Grade or level: pre-school, elementary, middle, high school</p>	<p>The Refuge offers a number of interpretive programs to educate children and youth about preventing urban runoff pollution. These include: Monster Bacteria; Bird Drawing; All About Owls; Explore the Weep; Wildflower Drawing; Why Tides Matter; and Water Water Everywhere.</p>	<p>103 pre-kindergarteners, 1,192 elementary school students, 39 middle school students, and 112 high school students</p>	<p>Visitor Surveys are used to determine visitor demographics, effectiveness of publicity, and the effectiveness of the Watershed Watchers Program.</p> <p>In addition, an "Urban Runoff Bead Drop" display is used to record actions (e.g. pick up litter, spread the word, take car to car wash) that children promise to do the help keep storm drains clean.</p> <p>Results of both these evaluation mechanisms are summarized in the Watershed Watchers Fourth Quarter Report included in the Program Annual Report Appendix 7-5.</p>
<p>Name: Garden insect &</p>	<p>City naturalist set up hands-on insect</p>	<p>650</p>	<p>General Feedback: This program was</p>

**FY 2012-2013 Annual Report
City of Cupertino**

C.7 – Public Information and Outreach

pesticide alternatives information table at community events Grade: Adults & Children Location: McClellan Ranch & Quinlan community Center	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.		effective in engaging participants at events 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 th grade	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. Approximately 224 students participated in water quality monitoring last year.
Name: De Anza College Environmental Studies Field Trips Grade Level: College Location: McClellan Ranch	Seven 1 ½-hour presentations were made to students in ES1 & ES52 and Biology 6C classes regarding Stevens Creek Watershed. Discussion of the effects of non-permeable surfaces, non-point source pollution, and storm water discharge into creeks was included as part of general discussion of watershed concepts.	185	General Feedback: Instructor finds this field trip a valuable addition to both ES1 and ES52 (Intro to Environmental Studies and Humans, the Environment, and Sustainability) and plans to return next semester.
Name: Water Quality Monitoring and Streamside Assessment by Acterra 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.	600	General Feedback: 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.
Nature Camp and Summer Science Fun Location McClellan Ranch Park Date: Summer 2012 Grade: 5-10 year old children	Participants in three sessions of Nature Camp and two sessions of Summer Science took part in a presentations and activities related to water quality and watershed health.	160	Hands-on science activities, nature activities, presentations and storytelling explores issues related to watersheds and water quality.
Name: 4H Entomology Project	City naturalist met with 4-H members	22	General Feedback: This program is effective

<p>Grade Level: Elementary -1st – 10th grade Location: McClellan Ranch</p>	<p>during seven 1 1/2hour sessions to learn about insects, insect identification, life cycles, ecological importance, and control alternatives.</p> <p>Participants in this program make presentations on insects and their ecological value at community events including that Santa Clara County Fair and general club meetings.</p>	<p>95</p>	<p>in helping children overcome fears of insects, develop competency in insect identification, learn ecological importance of insects, and be introduced to some non-toxic pest control alternatives.</p>
<p>Name: Creek Education Program Grade Level: Elementary 3rd Location: Schools & McClellan Ranch</p>	<p>Creek Education project available to all 3rd 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 José, Sunnyvale, Santa Clara, Saratoga, Los Altos) participated this year.</p> <p>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 and count aquatic macroinvertebrates in creek water samples to assess creek health.</p>	<p>2,344</p>	<p>General Feedback: 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.</p> <p>During FY 12-13, 2,344 participants, 1,879 students, 78 teachers, 387 parent volunteers benefitted from this unique educational opportunity).</p> <p>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.</p>

C.7.i. ► Outreach to Municipal Officials

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

Summary:

Staff provided a number of presentations to the City Council regarding litter in the waterways and streets and the importance of adopting a Litter Ordinance which included banning single use plastic bags and EPS at restaurants.

- Staff introduced the Draft Litter Plan in March 20, 2012 and discussed litter prevention options.
- Staff provided bag ban updates to City Council.
- Staff provided assistance to City Council on August 7, 2012 for a Council Study Session to discuss the City's Litter Prevention Plan.
- City Council unanimously approved a Bag Ban Ordinance at its January 15, 2013, first Reading of the Ordinance, which included a power point presentation, meeting shown on the City's website, and the attendance of the Executive Officer of the S.F. Bay Regional Water Quality Board.
- City Council approved the City's Litter Prevention Plan on March 12, 2013, which included a Power Point Presentation.
- City Council approved and adopted the City's Bag ban Ordinance at the second reading of the ordinance on March 5, 2013.
- Over the two year period, staff provided updates to the City Council on the Stormwater Litter Reduction Plan and product bans.
- Staff also created display boards of litter collected in the City's two hot spots (Stevens and Calabazas Creek) for City Council Meetings to show what type of material is being removed out of Stevens and Calabazas Creeks.

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 12-13, the City participated through the Program in the BASMAA Regional Monitoring Coalition (RMC). In addition, we contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. Monitoring efforts and results are documented in a separate report submitted March 15 of each year, as required in Provision C.8. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 12-13 Annual Report.

The City participated in its second Annual World Water Quality Event on October 13, 2012. Volunteers tested for dissolved oxygen, pH, turbidity (clarity) and temperature. Participants also performed 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.

The City Naturalist, the 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 to identify creek bugs collected. Some bugs are known to be pollution sensitive while other are quite tolerant. The types and numbers of bugs we find at a particular site can tell us much about habitat quality. Participants use fun color-changing kits to collect data on water temperature, pH, dissolved oxygen, and turbidity for habitat analysis. Students are given hands-on opportunities to do water quality monitoring and a streamside assessment of habitat quality using creek bugs. Nonpoint source pollution is a focus. These programs reached over 5,783 people in Cupertino and the Cupertino Union School District.

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 in prohibited chemicals and IPM techniques. The 2013 IPM policy was signed by the Golf Course Maintenance Superintendant contractor and the Facilities pest management contractor when they attended the City employee IPM training on June 27, 2013. (See attached signed policy requiring an integrated pest management approach to pest control at All City-maintained facilities and on City property.)

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

Active Ingredient	Target Pest	On SF list		FY 09-10	FY 10-11	FY 11-12	FY 12-13
Alkylphenol Ethoxylate	Aphid	No	Trees	0	.310	0	0
Difethialone**	Rats	No	Facilities	0	27 Boxes/95.5 mg	340.2 mg**	0.030 (rats)
Dinotefuran	Aphids	No	Trees	0	1.5 lbs	0	0
FeHedta***	Weeds	No	Parks	0	0	0	.720
Fipronil	Ants	Yes	Facilities	1.6 oz.	0	Not used	0
Glyphosate (Roundup)****	Weeds	Yes	Various	179.95 lbs	179.5	225.230	265.06
Halosulfuron-methyl	Weeds	No	Golf	0	.004	0	0
Imidacloprid	Aphids	Yes	Trees	0	.030	0	0
Indoxacarb	Ants	Yes	Facilities	0	.250	0	0
Iron Hedta	Weeds		Parks	0	0	0	2.400
Isoxaben****	Weeds	No	Medians	92.92 lbs.	1.5	11.824	2.250
Oryzalin (Surflan)****	Weeds	No	Medians	135.27 lbs.	108.626	139.217	110.620
Pendimethalin	Weeds	Yes	Parks	18.47 lbs.	2.8	0	0
Penoxsulam	Weeds	Yes	Golf	0	0	0	.040
Phenethyl Propionate/Thyme Oil	Ants	No	Facilities	0	.750	0	0
Propylene Glycol	Aphids	No	Trees	0	.186	0	0
Triclopyr	Weeds	Yes	Parks	5.0	7.708	11.163	31.720

Trends in Quantities and Types of Pesticides Used¹

¹ Includes all municipal structural and landscape pesticide usage by employees and contractors.

Pesticide Category and Specific Pesticide Used	Amount ²				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates					
Product or Pesticide Type A	0	0	0	0	
Product or Pesticide Type B	0	0	0	0	
Pyrethroids					
Product or Pesticide Type X	0	0	0	0	
Product or Pesticide Type Y	0	0	0	0	
Carbaryl	0	0	0	0	
Fipronil	1.6 oz	0	0	0	

The City does not use organophosphates, pyrethroids, or carbaryl pesticides and discontinued the use of fipronil in FY 2010-2011.

Trends in Quantities and Types of Pesticides Used³

**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 (0.030 mg) was used during FY 12-13. 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. (used for rats)

***FeHedta, for weeds, is used in very small amounts. The product name is Fiesta which is an organic product with minimal risk.

****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 be needed. To reduce pesticide use due to over watering, the City has started installing drip systems

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 hydro-zones to prevent over-irrigation, follow Bay-Friendly Landscaping Guidelines or other landscaping guidelines with similar goals and practices."

² Weight or volume of the product or preferably its active ingredient, using same units for the product each year. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: allethrin (D-allethrin), bioallethrin, bifenthrin, beta-cyfluthrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (D-phenothrin), tau fluvalinate, tefluthrin, tetramethrin, tralomethrin, and zeta-cypermethrin (S-cypermethrin).

³ Includes all municipal structural and landscape pesticide usage by employees and contractors.

C.9.c ▶ Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	21
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	21
Two Cupertino staff in the Public Works Maintenance Division took the ten-week Green Gardener training program in the fall of 2012, which was offered jointly by municipalities and agencies regulated by the MRP. Cupertino staff learned to use the least-toxic ground maintenance and water conservation techniques. The course was offered in the evenings and was optional. Staff's interest and participation is an indication of their commitment to safer pest control methods.	2
On August 21, 2012, six Public Works Division employees attended a Sensitive Sites training workshop.	6
On April 25, 2013, eight Public Works Division employees attended a workshop on Sustainable/Organic Practices for the Urban & Farm Environment.	8
On May 23, 2013, ten Public Works Division employees attend a CAPA IPM course.	10
On June 27, 2013, the annual City staff and contractor IPM training meeting was held at the Cupertino Service Center. The three supervisors that the City's 21 pesticide applicators report to participated in the IPM Training meeting. Only these supervisors determine which pesticides (if any) may be used on City property and they ensure that staff are trained annually. The annual training meeting included the Environmental Programs Manager and division staff, the City's Grounds, Facilities and Trees Supervisors and division staff, the pest control contractor for the City's Facilities Division and the City's contracted Golf Course Maintenance Superintendent. The annual round-table discussion included an update of pest specific plans.	11
The City's two contractors also participated in a number of IPM workshops (IPM Last Chance Training, IPM Target Specialty training, and IPM Domus Institution Coordination with the National Pest Management Best Practices, and IPM Mole California Golf Superintends Association Boot Camp).	2

C.9.d ▶ Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?	X	Yes		No
---	---	-----	--	----

If yes, attach one of the following:

- | | |
|-------------------------------------|---|
| <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 staff/contractor training meeting. Annual meetings provide an opportunity for Cupertino's grounds maintenance, facilities and trees staff to discuss IPM practices with contractors. Signed IPM policies are attached.

On October 15 -16, 2012, the Blackberry Farm Golf Course contractors attended training meetings held by USGA, GCSAA (Golf Course Superintendents Association), PAPA and CAPCA. The Golf Course maintenance staff has not applied any pesticides in over three years.

November 11, 2012, the facilities pest control contractor attended a Target Specialty Products IPM for Ants workshop. And IPM Domus Institution Coordination with the National Pest Management Best Practices Workshop.

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

Summarize participation efforts, information submitted, and how regulatory actions were affected **OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

Summary:

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

C.9.f ▶ Interface with County Agricultural Commissioners

Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?		Yes	X	No
--	--	-----	---	----

If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.

There were no reports of improper use of pesticides within the City during FY 12-13.

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

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

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

Summary:

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

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

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

Summary:

The following separate reports developed by SCVURPPP and BASMAA summarize point of purchase outreach efforts conducted during FY 12-13:

- FY 12-13 Store Employee Training Report (SCVURPPP)
- FY 12-13 Store Employee Training Evaluation Summary (SCVURPPP)
- FY 12-13 Store Employee Training Status Table (SCVURPPP)
- FY 12-13 List of Stores in the IPM Store Partnership Program (SCVURPPP)
- FY 12-13 BASMAA "Our Water, Our World" (OWOW) Report (BASMAA)

Summary:

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

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

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

Summary:

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

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 such as weeding to prevent the use of chemicals, water quality monitoring, bug sampling, invasive and native plant control, and habitat restoration. These events were held on a weekly to monthly basis throughout FY 12-13.

The City Naturalist, City Park and Recreation staff, and Acterra staff participate in community events and educational programs at Cupertino's McClellan Ranch, City facilities, and Cupertino schools to educate parents, students, and faculty on topics related to minimal use of chemicals to protect stormwater and habitat quality. These programs have reached over 5,783 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.

Summary:

The following separate reports developed by SCVURPPP summarize Public Outreach: Pest Control Operators efforts conducted during FY 12-13:

- FY 12-13 Watershed Watch Campaign Final Report
- FY 12-13 Green Gardener Training Report

See the C.9 Pesticides Toxicity Control section of the SCVURPPP's FY 12-13 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.

City pest control contractors met with City staff and signed their commitment to comply with the City's IPM policy in June 2013 (see signed statements at the end of this section).

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

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

There were no Water Board comments that required a response in FY 12-13.

**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.

Keith Reuter
Contracting Pesticide Applicator Printed Name

6-27-13
Date

[Signature]
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

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.

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Don Naumann
Contracting Pesticide Applicator Printed Name, P.C.A.

6/27/13
Date

[Signature]
Contracting Pesticide Applicator Signature

Supt B.B.F Golf Course

Section 10 - Provision C.10 Trash Load Reduction

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

Provide the following:

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

Descriptions of Actions/Tasks (Conducted and Planned):

- 1) In October 2012, as a result of Cupertino's participation in the Bay Area-wide Trash Capture Demonstration Project, the City installed 52 connector pipe screen full trash capture devices (FTCDs) in its central, most heavily-visited, retail area along Stevens Creek Blvd. and Wolfe Rd. This drainage area treats 44.59 acres of the City's 64-acre full trash capture requirement. Additionally, 49 of the 52 drain inlets with FTCDs were fitted with retractable curb inlet screens to reduce the necessary maintenance frequency of the new devices.
- 2) The City is requiring FTCDs for all drain inlets on two upcoming retail projects with an expected installation before July 1, 2014. The planned devices will treat 21.64 acres in the City's highest trash generating area. At the time of this report staff was prioritizing and evaluating high and medium trash management areas that could be considered as locations for additional FTCDs and curb inlet screens in FY13-14.
- 3) The attached maps are digitally available. They show the locations of FTCDs installed and planned to date with associated treatment areas; high, medium and low trash generation areas; creeks and creek trash hot spots; and the City's trash management areas as identified and defined to-date.

Descriptions of Maintenance Activities:

- 4) During field verifications of high and medium trash areas, staff noted that curb inlet screens had prevented litter (e.g. disposable cups, aluminum cans, plastic bottles, straws, food wrappers and plastic bags) from entering the inlets. Debris that is stopped at the curb by the screens is removed bi-weekly with a high efficiency vacuum, PM10-certified street sweeper. During and after the first rainfall of the season, the 52 new FTCDs were inspected and maintained as needed. With minor maintenance they functioned effectively throughout the rainy season. Since the devices were installed in October there had not been much time for trash and leaves to accumulate and staff did not keep records of maintenance activities. During annual inspection and maintenance in FY13-14, the City's work order database will be used to track inspection and cleaning activities. Photos showing a sampling of the amount of litter that is collected from devices in drain inlets fitted with both FTCDs and curb inlet screens will be compared with photos showing a sample of the amount of litter collected from drain inlets with only FTCDs. This documentation will help staff evaluate the effectiveness of curb inlet screens in retail areas.

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

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

Note - Of the 52 drain inlets with full capture devices installed in FY12-13, 49 of them were also fitted with curb inlet screens (partial trash capture devices) at street level. These screens are cleaned twice per month in conjunction with the bi-weekly street sweeping program.

Retractable curb inlet screens were installed on 18 otherwise unprotected drain inlets in the City's highest-priority trash management retail area after more funding became available through the Bay Area-wide Trash Capture Demonstration Project in February 2013. Full trash capture devices will be installed at two planned retail development projects in FY 13-14 to treat a drainage area of 21.64 acres. The number of devices that will be required for the two projects will be determined during the development of their Stormwater Management Plans (SWMPs).

Applicable Trash Management Area (Preliminary Map ID)	Device Type	Planned or Installed	Maintenance Frequency	Total Number Installed	Total Area Treated (acres)
CU-1	Connector Pipe Screen	Installed	Once per year or more as needed (see note above)	52	44.59
CU-1	Connector Pipe Screen	Planned	Once per year or more as needed (see note above)	(TBD)	21.64
Totals				52	66.23

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

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

The City's trash hot spot locations are shown on the two maps attached for reporting section C.10.a.iii. Photographs of each hot spot before and after assessment and cleanup are available in Environmental Programs' electronic Creek Hot Spot Assessment files. Staff and volunteers have collected consistently less trash each year at Calabazas Creek (CUO01). However, at Stevens Creek with access locked by the Water District, near the Heney Creek confluence, more debris was found after the first rainstorm in 2013 than in previous years. The site is downstream from a tunnel under the 280 freeway through which Stevens Creek flows. An adjacent tunnel, also under the freeway and painted with graffiti, appears to be a gathering spot where debris (i.e., spray paint cans, food packaging (predominantly expanded polystyrene foam pieces), cigarettes, glass bottles and broken glass) is left behind. The buoyant spray paint cans, sports balls and EPS foam pieces are transported downstream during rainstorms where they are caught in vegetation at a sharp bend in the creek. Staff from the Cities of Cupertino and Los Altos cleaned up the east (heavily littered) bank of the creek upstream to the tunnel in January 2013. The City of Cupertino is planning bi-monthly cleanups and other management actions to discourage trespassers and littering. City staff went back to Stevens Creek (CUO02) with a group of volunteers on June

30th and removed about 120 gallons (~16 cu ft.) of debris from the tunnels. Since the debris is deposited directly on the banks of and in the creek tunnel, this litter and debris would not be captured by full trash capture devices (FTCDs) even if all of the drain inlets in the City were fitted with FTCDs.

Trash Hot Spot	Cleanup Date	FY 2012-13 Volume of Trash Removed (cubic yards)	FY 2011-12 Volume of Trash Removed (cubic yards)	FY 2010-11 Volume of Trash Removed (cubic yards)	Dominant Type(s) of Trash	Trash Sources (where possible)
CUO01	2/28/2013	0.166	0.623	0.786	Plastic bags, Styrofoam, Cigarette butts, Convenience/Fast food items, Aluminum cans, Sports balls	Litter, trash accumulation, Illegal dumping
CUO02	1/29/2013 6/30/2013	0.980	0.810	0.487	Glass pieces, Convenience/Fast food items, Spray paint cans, Cigarette butts, Sports balls, Toxic substances	Litter, Illegal dumping, Homeless encampments
Totals		1.146	1.434	1.273		

C.10.c ► Long-Term Trash Load Reduction Plan	
Provide descriptions of the progress made to-date on the development of Long-term Trash Load Reduction Plans due to the Water Board by February 1, 2014.	
Long-Term Plan Task	Summary of Progress
1. Identifying and mapping trash generating areas	To establish an accurate trash generation map, staff conducted a five week program of field inspections, ground-truthing storm drain catch basins city-wide to determine the type of litter and/or debris and relative amounts generated in each area. All major arterial streets with commercial, retail, and/or light industrial uses were walked by staff and each storm drain basin and adjacent street frontage were inspected and photographed. Additional time was spent inspecting storm drain basins in residential areas near parks, schools, and churches where large groups congregate and increase the potential for litter. Findings were documented in June and reflected on the City's updated trash generation map.
2. Identifying trash sources (as necessary or feasible) to assist in selecting trash management actions	During the ground-truthing and storm drain inspection, staff observed various types of litter, with the most common being: cigarette butts, paper, plastic and Styrofoam cups, straws, lids, and food wrappers. Staff concluded that it is likely the cigarette butts were thrown from moving or vehicles stopped at traffic intersections. Drink cups, lids, and food packaging was widely distributed and was not exclusively limited to areas near convenience stores or fast food restaurants, which would indicate it was dropped by pedestrians or blown from moving vehicles.
3. Prioritizing trash generating areas and associated types of trash problems	Trash generating areas have been prioritized into 9 large management areas with #7 divided into sub-areas a-e, which are shown on the City of Cupertino's Trash Management Area Map. The management areas were determined by considering the information gathered from in-field ground-truthing, land-use and zoning maps, Illicit discharge detection and elimination (IDDE) investigations, and industrial/commercial discharger control (IND) storm water inspections. Based on information gathered through the storm drain and street frontage surveys, and IND inspection history, commercial areas including retail and food service were designated as the City's highest priority and were assigned management area numbers 1-5. De Anza College (area #6) is also a high management priority, although the campus is State property, the adjacent food facilities, restaurants and public areas were littered with a likely source being the campus population. The City considers the college campus as an outreach opportunity and will pursue a partnership with college personnel and students as part of the City's long term litter reduction plan.
4. Identifying and selecting trash management actions for specific management areas	As noted in item 3 above, staff identified 9 trash management areas in Cupertino. Area #7, comprised of parks, schools and churches, is further divided into 5 geographical sub-areas (NE, NW, SW, S, and SE) 7a-7e. The management actions that will apply to or are expected to be selected for each management area in the City's long term plan are as follows: CU1- The area including Stevens Creek Blvd, Tantau Avenue and Wolfe Rd (from Stevens Creek Blvd to Homestead Rd.) – This is the City's heaviest retail area and future location of the <i>Main Street</i> or downtown center 1) Full trash capture devices (FTCDs) - 52 full trash capture devices (FTCDs) were installed in October 2012;

	<p>Curb inlet screens were installed on 49 of the 52 catch basins with FTCDs. During annual maintenance (starting in FY 13-14), staff will check to see if the curb inlet screens stop most of the debris at the street level making it easy for removal during bi-weekly street sweeping, rather than requiring more frequent maintenance of underground FTCDs by maintenance staff.</p> <p>2) <u>IND inspections and enforcement</u> – In FY 12-13 the City started using IND inspection enforcement and the City's new anti-litter ordinance (4-5-13) to train retail business managers to require their maintenance staff to keep dumpster lids closed and all material and litter contained. Through the City's IDDE and IND programs, businesses that are chronic violators have been identified and are inspected annually and charged a citation fine (and a re-inspection fee if the property is found in violation and requires an inspector to return later to verify compliance).</p> <p>3) <u>Permit approval process</u> - One of the City's most effective ways to resolve ongoing litter and housekeeping issues is through the City's permit process. City staff have carefully considered redevelopment plans for businesses with a history of trash enclosure/dumpster area housekeeping violations and required more enclosed space for bins and compactors and a trash management plan that ensures sufficient service frequency to keep the area free from loose litter and debris. With redevelopment increasing in the City due to the proposed Apple Campus 2, this tool has been used effectively a few times recently and results have been better maintained dumpster areas. This method of ensuring compliance will apply mostly to trash management areas 1, 2, 3, and 4 (where retail, commercial and mixed residential- retail/commercial is located).</p> <p>4) <u>Bin/container requirements for new and re-development</u> - The City's anti-litter ordinance (adopted 4-5-13) requires retail/commercial development projects to provide and maintain outdoor sets of trash, recycle and compost (food waste) receptacles (referred to as trios), for public use. The litter ordinance also requires commercial property owners to maintain their property and the perimeter (including sidewalks) of their property litter-free. If a business (tenant) leaves loose litter on the property or perimeter of the property, the property owner is sent a notice of violation, then a pre-citation letter and finally is issued a fine. The property owner must pay the fine and any re-inspection fees and then collect reimbursement from the tenant if he/she so desires reimbursement.</p> <p>5) <u>City assistance to manage trash, recycling and food waste</u> – In June 2013, the City hired an Environmental Assistant (starting 8-26-13) to visit commercial sites and provide support in organizing and maintaining trash enclosure areas. Business owners may not realize that they can cut costs and increase service by using more frequent recycle collection service, which is free and unlimited in Cupertino. The Environmental Assistant will inform businesses about the City's anti-litter and outdoor housekeeping requirements and will facilitate communication between the garbage collector and recycling service provider and the business to ensure the business has adequate service and the correct number of recycling bins to maintain cleanliness and containment. Businesses will also be invited to become a certified Green Business during the site visits. City support will be provided to ensure quick and easy certification to qualified businesses through the City's Green Biz outreach program. Certified Green Businesses must not have had any stormwater violations during the previous year and they may not use or distribute thin single-use plastic bags or expanded polystyrene foam (EPS foam).</p>
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	<p>6) Product bans – It is expected that the City will see a noticeable reduction in plastic bag and EPS foam litter at creek cleanups and hot spot assessments due to the reusable bag ordinance (effective 10-1-13) and the EPS foam ban being considered by City Council in fall/winter 2013. Management areas 1, 2 and 3 (comprised of retail and restaurants) generate most of the plastic bag and EPS foam litter that is generated by the City.</p> <p>CU2- The retail area on Stevens Creek Blvd which fronts De Anza College and extends from De Anza Blvd west to the freeway 280 interchange</p> <p>1) Implement all actions described in points CU1 - 2), 3), 4), 5) and 6) (above);</p> <p>2) The City will purchase and place solar compactors in sets (of trash-recycling- food waste bins) along Stevens Creek Blvd at the frontage of De Anza College and on or near public sidewalks between the College and nearby fast food establishments. Bin sets that include a receptacle for beverage container recycling are allowed to be purchased with the City's annual CalRecycle CRV funds. These annual CalRecycle grant funds enable the City purchase and place solar compactors in trash management area 2, along Stevens Creek Blvd at the College and to the east of the College to De Anza Blvd. The City plans to purchase three to four compactor sets in FY 13-14 and/or FY 14-15, giving the City an opportunity to partner with De Anza College Environmental Education staff to determine placement of the solar compactor sets and to provide outreach and education on litter and storm water issues to students. It is expected that placing solar compactors on the pedestrian path that students travel to buy meals and snacks would reduce food wrapper and beverage container litter in that area.</p> <p>3) Management area 2, on Stevens Creek Blvd from De Anza Blvd to the 280 freeway interchange, would be a good area to issue anti-littering citations. To enforce the anti-littering ordinance and catch drivers that toss cigarette butts from their vehicles into the streets, the City would have to engage the Sheriff's Department. City code enforcement officers can only cite pedestrians and not drivers, because officers cannot pull vehicles over to issue a citation. To facilitate vehicular litter enforcement City staff will check into the cost and feasibility of working out an understanding or agreement between the City and the Sheriff's Department. A start date for vehicular enforcement has not yet been discussed, but will be reported in the City's long-term plan. The City could designate a code enforcement officer to walk this area during one or two lunch hours per week depending on available funding and staff time. A time frame for implementing code enforcement in this area will be considered and reported in the long-term plan.</p> <p>4) Partial trash capture - Curb inlet screens like those installed in management area 1, will be installed further down Stevens Creek Blvd from De Anza Blvd to the 280 freeway interchange, if the screens in management area 1 prove to be effective based on annual FTCD maintenance evaluation(s). Also being evaluated is the street sweeping frequency needed to achieve optimum effectiveness in conjunction with the curb inlet screens. Street sweeping will be increased as appropriate.</p> <p>CU3- The retail area along Homestead Rd at the border lines of Cupertino and Sunnyvale</p> <p>1) Implement all actions described in points CU1 - 2), 3), 4), 5) and 6) and in CU2 - 4) (above);</p> <p>2) Coordinate with City of Sunnyvale - Determine which city will maintain 1 or 2 full trash capture devices (FTCDs) that were installed in Cupertino by the City of Sunnyvale during the Pre-MRP FTCD pilot project. The FTCDs that were installed in Cupertino on Homestead Rd have not, by verbal agreement with City of</p>
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	<p>Sunnyvale staff, been cleaned by the City of Cupertino. The City of Cupertino would like to include these devices in its annual FTCD maintenance program to compare and evaluate the effectiveness of curb inlet screens. The City of Cupertino only has 3 drain inlets fitted with FTCDs that are not also protected by curb inlets screens. If observation of the material in 4-5 FTCDs in similar retail areas without screens indicates that screens are very effective at stopping trash and debris from entering the storm drain system, the City of Cupertino will select Homestead Rd as a location for curb inlet screens in conjunction with appropriate street sweeping scheduled between FY 14-15 and FY 16-17. If evaluation shows that curb inlet screens are not effective at keeping the litter in the street then Homestead Rd will be considered as a location for additional FTCDs.</p> <p>CU4- This management area includes the retail and commercial (Apple Inc.) area along De Anza Blvd from the 280 freeway overpass on the north to the City's southern border at Prospect Rd. It also includes one shopping area with a Walgreen's on Bollinger Rd at the Blaney Avenue intersection.</p> <p>1) Implement all actions described in points CU1 - 2), 3), 4), 5) and 6) and in CU2 – 4) (above);</p> <p>CU5- Stevens Creek at Water District property near Homestead Rd; and the end of pipe outfall area at Stevens Creek and Stevens Creek Blvd (adjacent to Phar Lap Dr.) and Monte Vista retail area at Stevens Creek Blvd and Monte Vista's mixed use area</p> <p>1) On-land Cleanups - The City is planning to conduct bi-monthly on-land cleanups in this management area. This shared hot spot assessment area between the cities of Cupertino and Los Altos is located on the banks of Stevens Creek near the border of the two cities. In FY 12-13, the site was assessed and cleaned in January, not too long after a rainstorm. Staff concluded that debris on the creek banks was caught in vegetation downstream of freeway 280, at an eastward bend in the creek (near the Heney Creek confluence). The source was probably two tunnels under the 280 freeway. Stevens Creek runs through one tunnel and a gathering & graffiti spot was found in the adjacent tunnel. To deter trespassers and graffiti at this site (behind locked Water District gates), City staff have been considering several management actions starting with regular and frequent on-land and tunnel cleanups. It appears that debris (i.e., spray paint cans, beverage containers, food packaging and pieces of EPS foam) was left on the banks of the creek at the graffiti spot and then transported downstream during a rainstorm in the winter of 2012-2013.</p> <p>2) Signage - Staff are also planning to post signage at this creek hot spot area to inform people of the City's new anti-litter ordinance (9.18.215) and associated citation fines. Additionally, the City will coordinate enforcement efforts with the Water District and possibly fund additional time for the Sheriff's Department to inspect the site and issue citations as needed.</p> <p>3) The tunnel area under freeway 280 at Stevens Creek cannot be addressed with trash capture devices because the litter is deposited directly at the creek site and is not conveyed through the City's storm drain system. This is the most heavily littered site found to-date in Cupertino, and while the challenge to find effective controls is great, addressing this problem will be worthwhile and beneficial to water quality if numerous spray paint cans and pieces of Styrofoam can be prevented from entering the creek. The City will communicate with the Water District, the Sheriff's Department, the City of Los Altos and volunteers to pilot management controls or a set of controls that might be effective at this hot spot. Had City staff been fairly certain as to how to remediate this problem, this management area would have been a top priority for the</p>
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	<p>City of Cupertino. Given that we expect at least a couple of years of trial and error staff designated this spot on Stevens Creek and one other area upstream at one of the City's end of pipe collection points, as management area #5. Though it will likely require several attempts to find the appropriate management controls, the feedback on the investigative process and results might be applicable for other Bay Area sites.</p> <p>4) The area along Stevens Creek Blvd, in management area 5, is adjacent to Monte Vista, a mixed residential/commercial/retail/light industrial area of that was annexed into the City of Cupertino from the County of Santa Clara's unincorporated area. The neighborhoods and streets in Monte Vista do not have curbs and gutters and the drainage system is outdated. The City is starting to work on upgrading Monte Vista with storm drain inlet infrastructure. Since the streets will remain without curbs and gutters, installing curb inlet screens with enhanced street sweeping would not be an appropriate management action for this area. A few full trash capture devices (FTCDs) might be installed in conjunction with the drainage system work in the area or along Stevens Creek Blvd in Monte Vista in FY 13-14.</p> <p>CU6 – Is De Anza College</p> <p>1) Although De Anza is a State institution and is not in the City's jurisdiction, the City currently partners with the College in several ways, especially with the Environmental Studies Department. Additionally, the City will address litter reduction in the vicinity of the College in its long-term plan as described under activities for management area CU2.</p> <p>CU7 – Parks, schools and churches were grouped together in one management area in Cupertino because these areas are relatively litter free and parks and several school fields are maintained by the City's public works maintenance crews. Because the parcels are so spread out, they have been grouped into 5 sub-areas, 7a – 7e.</p> <p>1) Maintenance - Litter collection and trash management are already conducted in City parks daily. The City is considering adding recycling and food waste bins to the City's parks over time. More than 15 trios (recycle-trash-food waste bin sets) were installed at Blackberry Farm where there is a large picnic area, a swimming pool and a creek-side setting at the site of the 2008 Stevens Creek Restoration Project.</p> <p>2) Public creek education for school children - The City partners with teachers, students and parents on school projects that address pollution prevention, recycling and composting. Many students participate in the City's creek or on-land cleanup events. Educational outreach to school-age children is priority for City staff. Cupertino is the host and sponsor of the Cupertino School District's 3rd grade creek education program wherein a field trip and lessons on creek health and creek ecosystems have been incorporated into the District's 3rd grade curriculum. The City's stormwater outreach program pays for busses to bring 3rd graders, teachers and chaperones from schools that are not in the City, but that are in the District, to the annual creek field trips.</p> <p>3) Product bans – It is expected that with adoption of ordinances prohibiting thin plastic single-use carryout bags and EPS foam food ware, there will be a decrease of litter around parks, schools, and churches which each have high frequencies of pedestrian litter, as food is often purchased and brought to these locations for consumption.</p> <p>CU8 – This is the site of the proposed Apple Campus 2, which was formerly Hewlett Packard. The draft plans</p>
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	<p>for the building and for the site show impervious asphalt being replaced with open green space and native trees, underground parking and shuttles that will reduce vehicular travel. The site will be closed to the public.</p> <p>1) The City's only planned management action for this area is to conduct IND inspections and require full trash capture devices on all drain inlets on the property.</p> <p>2) Apple Campus 2 will be located near restaurants and the City's central retail shopping area, so it is expected that the City will benefit from litter reduction of plastic bags and expanded polystyrene foam food ware packaging due to City Council's adoption of a reusable bag ordinance (effective 10-1-13) and the EPS foam ban being considered by City Council in fall/winter of 2013.</p> <p>CU9 – Management area 9 is the City's green or low priority residential area. Cupertino is an affluent city, with excellent nationally-recognized schools. Property is expensive and most homeowners, condominium owners and apartment dwellers take particular care in the maintenance of their residence. Public education and product bans will positively impact the City's neighborhoods and as shown in the City's IDDE (section 5) of this annual report, residents and members of the public are quick to call the City to report any potential storm water violation. The City will continue to minimize litter in residential areas through education, volunteer cleanup events, City social events, partnerships with schools, adding well-maintained public receptacles in retail areas via the City's permit approval process, and by implementing product bans to remove the most challenging and harmful types of litter from the environment.</p>
<p>5. Defining the type of assessment(s) that will be used to demonstrate progress towards goals</p>	<p>The City of Cupertino is currently exploring a number of assessment methods that will assist the City in demonstrating progress towards solving municipal stormwater-related trash problems within its jurisdictional area. Through its participation in SCVURPPP, the City is developing a countywide pilot trash assessment strategy and work plan. The pilot strategy will address the need to demonstrate progress in the near-term, while recognizing the fact that method development and testing is needed to achieve confidence in conclusions about trash reduction. The pilot strategy may include the testing of a number of trash assessment methods, including:</p> <ul style="list-style-type: none"> • Visual assessments of trash conditions on-land; • Trash full capture device operation/maintenance verification; • Condition assessments in receiving waters; and • Documenting and assessing control measure implementation. <p>The pilot strategy will be included as a supplement to the City's Long-Term Trash Load Reduction Plan, which will be submitted to the Water Board by February 1, 2014. The City of Cupertino may also choose to supplement the pilot strategy with Cupertino's specific assessment strategies. The pilot strategy will be implemented in coordination with the three-year <i>Tracking California's Trash</i> grant-funded project, which was awarded to BASMAA by the State Board. A number of trash monitoring and assessment methods will be tested through the project and will assist the City in developing a robust set of indicators for demonstrating progress toward trash reduction goals.</p> <p>The City is also planning to evaluate its progress toward its litter reduction goals by conducting the assessments and reviews described in the summary of trash management actions for the long-term plan above. These include: continuing to measure the volume of litter removed at on-land and creek cleanups;</p>

	<p>photo documenting a sample of the debris recovered while conducting maintenance of full trash capture devices (FTCDs) in the City's retail areas. Staff plans to compare the amount of trash from FTCDs that were installed in drain inlets which were also fitted with curb inlet screens with the amount of trash from FTCDs not protected by curb inlet screens. Staff will continue to review and report annually on the number of "litter and uncontained debris" violations from the City's IND inspection data and from the IDDE database to demonstrate a decrease in illegal dumping, littering and uncontained debris. Litter surveys conducted at City events will continue to be counted and reviewed to help the City gauge the number of residents and event visitors that receive water quality and anti-litter education.</p> <p>In 2011, City staff attempted to evaluate the types and volume of litter collected from street sweeping in the City's retail areas. The material from a sweep of all of the City's retail areas was dumped, sorted by litter type, and photographed. Information from two dumps of street sweeping debris (one week apart) helped staff select the potential management actions, described in #4 above, for Cupertino's retail areas. City staff will continue to participate in SCVURPPP's Trash Ad Hoc meetings to learn what assessment methods and evaluations are acceptable to demonstrate permit compliance.</p>
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C.10.d ► Summary of Trash Reduction Actions

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

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Trash Management Area Specific Actions				
Full-Capture Treatment Devices	Continued Pre-MRP Actions:	None	Pedestrian	Cigarette

C.10.d ► Summary of Trash Reduction Actions

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

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
	<p>New/Enhanced Post-MRP Actions Initiated/Planned: 52 full trash capture devices (FTCDs) were installed in October 2012; Curb inlet screens were installed on 49 of the 52 catch basins with FTCDs. The City will check to see if the curb inlet screens stop most of the debris at the street level making it easy for removal during bi-weekly street sweeping, rather than requiring more frequent maintenance of underground FTCDs by City staff. Annual maintenance will be tracked through the City's asset management work order system.</p>	<p>1 & possibly 5 or 3</p>	<p>litter; vehicles</p>	<p>butts, cups, food wrappers, & food packaging</p>
<p>Street Sweeping</p>	<p>Continued Pre-MRP Actions: The City of Cupertino's baseline street sweeping program includes sweeping streets in residential and retail areas, and arterial roads twice per month. Parking enforcement signs for street sweeping are posted in some residential areas and parking enforcement is conducted in accordance with the parking restrictions during street sweeping times. Parking restriction to enhance sweeping is achieved by having the contractor sweep retail areas very early in the morning before cars are parked in retail areas.</p>	<p>All</p>	<p>Pedestrian litter; vehicles;</p>	<p>Cigarette butts, cups, straws, lids, food wrappers & plastic bags</p>

C.10.d Summary of Trash Reduction Actions

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

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
	<p>Enhanced Post-MRP Actions: The City hired a new street sweeping contractor with upgraded sweeping trucks and electronic oversight, tracking curb mileage and sweeping speed to ensure the efficacy of litter and debris removal. Parking enforcement staff monitors sweeping effectiveness through post sweeping spot inspections.</p> <p>In retail areas where the City has installed or plans to install curb inlet screens, installation will accompany increased sweeping frequency to ensure that material stopped at the curb is removed before it gets into a catch basin.</p>	1, 2, 3, 4, & part of 5		
On-land Trash Cleanups	<p>Continued Pre-MRP Actions:</p> <p>New Post-MRP Actions: City staff supply volunteers with bags, gloves and trash grabbers and encourage and support cleanups in retail areas. Volunteers are asked to take photos clearly showing the volume of trash collected and if possible, the types of trash collected. Volunteer groups have assisted the City by conducting weekday and weekend on-land cleanup events. On June 30, 2013, the City had the help of volunteers who conducted an on-land cleanup in a tunnel adjacent to a graffiti site at Stevens Creek where spray paint cans, food packaging, beverage container litter and other debris were removed. In FY 12-13 391.83 gallons (1.94 cu yds) of trash were removed during on-land cleanup events.</p>	None	graffiti encampments; pedestrian litter, vehicles	spray paint cans, food packaging, beverage containers cigarette butts, sports balls & glass
		2 & 5		
Partial-Capture	Continued Pre-MRP Actions:	None	pedestrian	Cigarette

C.10.d ► Summary of Trash Reduction Actions

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

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Treatment Devices	<p>New Post-MRP Actions Initiated: The City installed 67 curb inlet screens in high priority retail areas; 49 of the curb inlet screens were installed over inlets that had been fitted with full trash capture device (FTCDs). The City plans to conduct assessments of the FTCDs during maintenance to evaluate the effectiveness of the screens in preventing debris from entering the inlet. Maintenance will be tracked through the City's street sweeping records. If curb inlet screens prove effective, they will be installed in additional retail areas and those areas will be evaluated to see if sweeping bi-weekly is sufficient for keeping debris out of the gutters.</p>	<p>Installed: 1, 2 & 5 Planned: 3 & 4</p>	<p>litter & vehicles</p>	<p>butts, cups, bottles, food packaging, other large litter</p>
Enhanced Storm Drain Inlet Maintenance	<p>Continued Pre-MRP Actions: Half of the City's storm drainage system is cleaned each year. All drain inlets are cleaned biennially.</p>	<p>All</p>	<p>Vehicular litter; pedestrians, inadequate container management</p>	<p>Beverage containers, food wrappers, food packaging & cigarette butts</p>
	<p>New/Enhanced Post-MRP Actions Initiated/Planned: The City is entering into an agreement to share a vactor truck with another municipal agency to conduct maintenance of full trash capture devices and priority storm drain inlets. Storm drain inlet maintenance is tracked in the City's asset management work order system.</p>	<p>1</p>		
Activities to Reduce Trash from Uncovered	<p>Continued Pre-MRP Actions:</p>	<p>None</p>	<p>Vehicles</p>	<p>Food</p>

C.10.d Summary of Trash Reduction Actions

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

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Loads	<p>New Post-MRP Actions: The City entered into a new agreement with its trash hauler in November 2010, which required the hauler to ensure that all truck loads are covered. The City's new anti-litter ordinance (9.18.215.A) prohibits the driving or moving of any open vehicle or trailer within the City unless there is a tarp over the contents or the material is constructed and loaded so as to ensure that all litter is prevented from being blown or deposited upon any street, alley or public or private place. City Code Enforcement staff contacted the Captain of the Sheriff's Department to request help with enforcement after the ordinance became effective (4-5-13). Citations will be tracked through the Sheriff's database.</p>	5 and 7c		packaging, cups & beverage containers, plastic bags
Anti-littering and Illegal Dumping Enforcement Activities	<p>Continued Pre-MRP Actions:</p> <p>New Post-MRP Actions: The City adopted an anti-littering ordinance, which became effective on April 5, 2013, for use in all areas of the City, with special attention in high litter generating areas consisting of retail areas, convenience stores, the college campus and schools. Enforcement training was provided to the Sheriff's Department and Code Enforcement staff requesting that extra time be spent on education and enforcement in these high litter zones. Citations issued for violations will be tracked through the Code Enforcement database.</p>	<p>IDDE Investigations and enforcement</p> <p>1, 2, 3, 4, 5 & 7</p>	Pedestrian litter, vehicles, contractors; illegal dumping, inadequate container management	Litter: food wrappers, cups-straws-lids-cigarettes & plastic shopping bags; Dumping: paint, mattresses & bags of trash

C.10.d Summary of Trash Reduction Actions

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

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Improved Trash Bins/Container Management	Continued Pre-MRP Actions:	None	Illegal dumping; inadequate container management	Food packaging, plastic bags, cups, beverage containers, food waste and other residential waste
	<p>New Post-MRP Actions Initiated:</p> <p>As a pilot program, the City conducted staff training at Oakmont Market, a high volume produce market with a history of litter and uncontained food waste in the trash enclosure area and parking lot. The litter problem was in part due to overflowing bins. Staff conducted bilingual training for market employees concerning source separating various waste types (trash, recycling, and organics). Special attention was paid to convey BMPs regarding container maintenance, keeping lids closed and litter reduction. Staff is planning to expand this program and a two year limited time staff member was hired to focus time on litter reduction and trash enclosure maintenance targeting high volume commercial businesses including restaurants. Compliance will be tracked through the IND and IDDE databases.</p> <p>The City's new anti-litter ordinance also requires retail development projects to provide and maintain outdoor trios, which are sets of trash, recycle and compost (food waste) receptacles for public use. Trios are required to be shown on development plans.</p>	2, 3, 4 & 5		
Creek, Channel, Shoreline Cleanups	<p>Continued Pre-MRP Actions:</p> <p>In 2009 in response to MRP adoption discussions the City began hosting a creek cleanup event on National River Day (May) and Coastal Cleanup Day (Sept). Volunteers removed trash and staff recorded the types of material collected on a Rapid Trash Assessment form.</p>	5 & 7e	Pedestrian litter; urban parks; graffiti encampments multi-family	Plastic bags, EPS foam pieces, food

C.10.d Summary of Trash Reduction Actions				
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Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
	<p>New Post-MRP Actions: The City conducted its two annual trash hot spot assessments and one additional volunteer cleanup at Stevens Creek (CUO02). The City also hosted 3 other smaller volunteer creek cleanup events. The total amount of debris removed from creeks and creek banks in FY 12-13 was 720.95 gallons or 3.52 cu yds.</p>			<p>wrappers, cigarette butts, glass, cups, sports balls, straws, lids, bricks</p>
Area/Jurisdictional-wide Actions				
Single-Use Carryout Bag Policies	<p>Continued Pre-MRP Actions: Council Discussed plastic bag ban and decided against adopting at that time.</p> <p>New Post-MRP Actions: The City's elected officials have been considering the cost, implementation feasibility, and effectiveness of trash/litter management actions since the City's short-term plan was presented to Council in March 2012. As an outcome of the Council meeting, Council directed staff to participate in a regional Environmental Impact Review (EIR) to study potential impacts of a plastic bag ban (with a charge for paper bags) in San Mateo County and in participating cities in Santa Clara County. On January 15, 2013, Cupertino's City Council, after hearing testimony from the public and Bruce Wolfe, Executive Officer at the San Francisco Bay RWQCB, voted to adopt a reusable bag ordinance. The ordinance, effective October 1, 2013, is similar to the San Mateo County regional model ordinance which affects all retail outlets, rather than only large super-markets as was first offered in</p>	Jurisdiction-wide	<p>Pedestrian litter, vehicles, inadequate container management</p>	<p>Shredded plastic bags</p>

C.10.d ► Summary of Trash Reduction Actions

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Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
	Cupertino's short-term plan.			
Polystyrene Foam Food Service Ware Policies	<p>Continued Pre-MRP Actions: The City's Environmental Programs Manager chaired the Santa Clara County Source Reduction and Recycling (SRR) Subcommittee of the Technical Advisory Committee (TAC) of the Recycling and Waste Reduction Commission (RWRC), which spent over one year reviewing ordinances and practices in cities that had adopted an EPS foam ban and researching alternatives to expanded polystyrene foam food ware. In June 2010, the RWRC voted to send a letter to the jurisdictional agencies of the County encouraging the agencies to adopt bans on EPS foam food ware at restaurants.</p> <p>New Post-MRP Actions: On August 7, 2012, Cupertino's City Council held a public Litter Reduction Plan Study Session to consider its long-term plan options. During the discussion, Council expressed interest in adopting an EPS foam food ware ban at restaurants. A few months later, as an outcome of the January 15, 2013 reusable bag ordinance public hearing, Council directed staff to proceed with a CEQA Initial Study and public outreach necessary to adopt an EPS foam food ware ban. The City of Cupertino participated in San Jose's CEQA Initial Study and Cupertino staff collaborated with staff from the cities of Sunnyvale, Mountain View and Los Altos to plan and host an open house for restaurant owners and managers in August 2013 showcasing EPS foam food ware alternatives along with their costs and beneficial features.</p>	Jurisdiction-wide	Pedestrian litter	EPS foam pieces & cups

C.10.d ► Summary of Trash Reduction Actions

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Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Public Education and Outreach Programs	<p>Continued Pre-MRP Actions: The City of Cupertino implemented the following public education and outreach control measures prior to the effective date of the MRP and has continued to implement these measures since MRP adoption.</p> <p><i>Watershed Watch Campaign (Countywide)</i> In addition to the BASMAA Campaign, the City of Cupertino will continue to implement the countywide Watershed Watch Campaign through active participation and funding of the Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP). This Campaign conducts media advertising that includes anti-litter messages. Anti-litter advertisements for television, print, transit and radio have been developed and are used each year and will continue in the future. A telephone survey is conducted every five years to measure the effectiveness of outreach and increase in awareness about litter and stormwater related messaging. The FY 12-13 Watershed Watch media advertising included 312 anti-littering advertisements on TV, radio and online media. The Campaign also conducted outreach at a community event to promote the BASMAA "Be the Street" anti-littering campaign.</p> <p><u>Outreach to School-age Children or Youth</u> <i>ZunZun (Countywide)</i> Through participation and funding of the SCVURPPP countywide ZunZun Program, the City of Cupertino is continuing to implement</p>	Jurisdiction-wide	Pedestrian litter; students; vehicles	All

C.10.d ► Summary of Trash Reduction Actions

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Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
	<p>litter reduction outreach to elementary school-age children. Up to 50 ZunZun assemblies at elementary schools are conducted in the Santa Clara Valley each year. These bilingual musical assemblies educate elementary school students and their teachers on watersheds and urban runoff pollution prevention, including litter. ZunZun performances use physical comedy, audience participation and musical instruments to educate teachers and children. Handouts, including teacher and student activity sheets, are distributed following the assembly.</p> <p>The SCVURPPP Schools and Youth Education and Outreach Work Group provides a list of schools for ZunZun to contact. In addition to schools with high Hispanic populations, the list includes schools with high Asian/Pacific Islander populations.</p> <p>ZunZun assemblies are evaluated using postage-paid evaluation cards that are distributed to all teachers present at the performances. Teachers mail the completed evaluation cards to SCVURPPP, and results are compiled by SCVURPPP staff. Based on the teacher feedback, changes are made to future assemblies and/or handouts. During FY 12-13, ZunZun conducted 49 assemblies at 27 elementary schools in ten cities. In addition, two assemblies were conducted at the Pumpkins in the Park event, and one at the Water Wizards event for the general public. The assemblies reached approximately 15,632 students and their teachers in grades K-6.</p> <p><u>Media Relations</u> <i>BASMAA Regional Media Relations Project (Regional)</i></p>			

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	<p>Through participation and funding of the BASMAA Regional Media Relations Project, the City of Cupertino is continuing to implement a media relations project partially designed to reduce littering from target audiences in the Bay Area. The goal of the BASMAA Media Relations Project is to generate media coverage that encourages individuals to adopt behavior changes to prevent water pollution, including littering. At least two press releases or PSAs focus on litter issues each year (e.g. creek clean-up activities, preventing litter by using reusable containers, etc.). In FY 12-13, the Media Relations project developed a press release about new and recent bag bans in cities around the region. The pitch included information on the litter caused by plastic bags. Information ran on KBAY, KCBS and on eight Bay Area Patch.com sites.</p> <p>New Post-MRP Actions: The decisions by Cupertino's City Council to adopt a reusable bag ordinance and pursue the adoption of an EPS foam food ware ordinance were especially significant for the City's public education, since both ordinances require the public and local businesses to share in the responsibility and cost of litter reduction. The potential ten-cent charge for a shopping bag elevated public awareness on water quality protection and litter to heights never before achieved with the City's outreach campaigns. Elected officials and city staff received numerous emails and calls requesting more information and asking why City Council would consider these actions. The public was engaged and the opportunity opened doors for staff to partner with the Chamber of</p>			

C.10.d ► Summary of Trash Reduction Actions

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	<p>Commerce, make site visits to businesses, and boost public awareness through events, presentations, articles in the City's newsletter, communication on the City's website and the creation of a video for the City Channel involving local businesses. The City spent about \$36,000 on business tool-kit materials, campaign design services, and reusable bags to prepare for the bag ordinance implementation. Staff time for these efforts equaled a full-time employee dedicated to work on outreach. In anticipation of an EPS ordinance adoption in FY 13-14 and other educational activities associated with litter reduction, the City added a staff member to Environmental Programs. Public outreach also includes a litter survey given in Sept at Fall Festival and in April at the City's Earth Day event. Attendees of Earth Day and Fall Festival completed 171 anti-litter surveys. Questions were designed to inform the public of the litter problem and engage them in the solutions.</p> <p>The City of Cupertino is currently implementing or planning to implement the following public education and outreach control measures that were initiated after the MRP was adopted.</p> <p><u>Litter Reduction Advertising Campaign(s)</u></p> <p><i>BASMAA Youth Outreach Campaign (Regional)</i></p> <p>Through participation and funding of the regional BASMAA Youth Outreach Campaign, the City of Cupertino is implementing an outreach campaign designed to reduce littering from the target audience in the Bay Area. The Youth Outreach Campaign was launched in September 2011 and aims to increase the awareness of Bay Area Youth (ages 16-24) on litter and stormwater pollution</p>			

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	<p>issues, and eventually change their littering behaviors. Combining the ideas of Community Based Social Marketing with traditional advertising, the Youth Campaign aims to engage youth to enable the peer-to-peer distribution of Campaign messages. The Campaign will at least run through FY 13-14. A brief description of the Campaign activities is provided below:</p> <ul style="list-style-type: none"> o <u>Raise Awareness</u>: The Campaign is raising awareness of the target audience on litter and stormwater pollution issues. Partnerships with youth commissions, high schools, and other youth focused organizations have been developed to reach the target audience. Messages targeted to youth have been created and distributed via paid advertising, email marketing, Campaign website and social networking sites (e.g. Facebook and Twitter). o <u>Engage the Youth</u> - The advertisements encourage the audience to participate in the Youth Campaign by joining a Facebook page, entering a contest, taking an online quiz, etc., and providing their contact information. At the beginning of FY 12-13, a video contest was launched to get Bay Area youth further involved in the Campaign. An online voting system was used to select the winning entry. Media advertising was conducted to promote the winning entry. o <u>Change Behaviors</u>: To move the audience along the behavior change continuum, the Campaign is using electronic platforms such as email marketing and social networking sites to encourage participants to engage in 			

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	<p>increasingly more difficult behavior changes, such as participating in a clean-up, organizing a clean-up, etc.</p> <ul style="list-style-type: none"> ○ <u>Maintain Engagement</u>: The Campaign continues to interact with the target audience through email marketing and social media websites. <p>The Youth Campaign includes a pre- and post-campaign survey to evaluate the effectiveness of the outreach. The pre-campaign survey was conducted in FY 11-12 and the post-campaign survey will begin in FY 13-14. Other evaluation mechanisms, such as website hits, number of youth engaged in the Campaign's social networking website, etc. are also being used to evaluate its effectiveness in increasing awareness and changing behavior.</p> <p>Program activities in FY 12-13 included maintaining the website www.BetheStreet.org, a Facebook page and Instagram account. Co-permittees collaborated on a campaign that featured a contest asking participants to submit their best anti-litter video. The <i>Be the Street</i> campaign received 52 entries in response to the contest promotion. The winning video was featured on television, Pandora (online music site), YouTube, Google, and Facebook. The Watershed Watch Campaign promoted the winning video on KNTV. Highlights of FY 12-13 <i>Be the Street</i> activities are below:</p> <ul style="list-style-type: none"> • The website received 15,431 total visits and 10,040 unique visitors. • The Facebook page received 1,062 new fans, resulting in a total of 1,468 fans. There were a total of 2,048 total interactions (includes likes, comments, shares and 			

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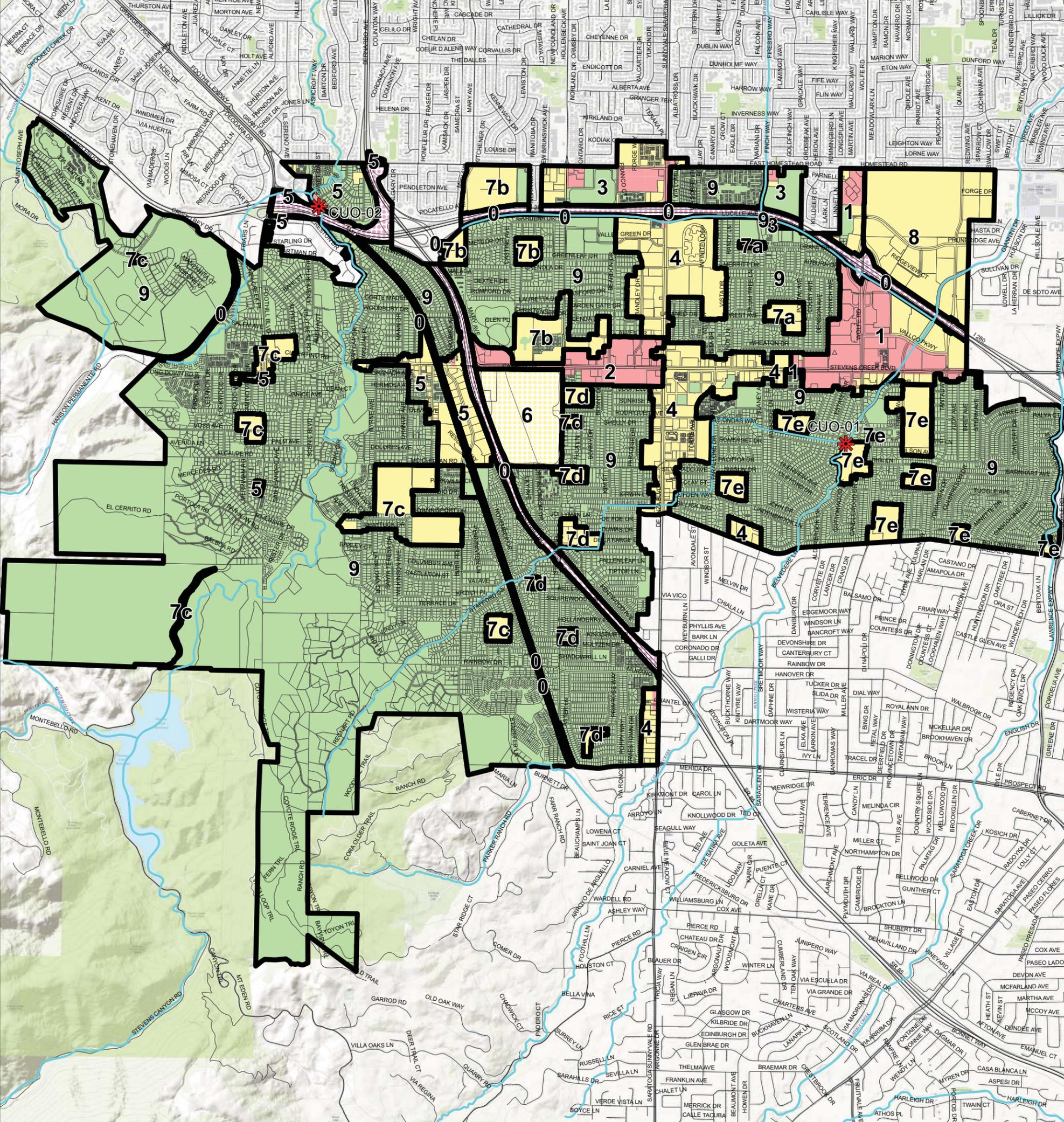
Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
	<p>responses to poll questions).</p> <ul style="list-style-type: none"> • The contest resulted in 52 video entries. The online voting resulted in a total of 4,844 votes being cast. • Media advertising results: Using the winning video, <i>Be the Street</i> launched a regional ad buy on Pandora, Facebook, and KTVU, resulting in approximately 6.5 million impressions from target demographic of 14-24 year olds in the Bay Area. Media advertising results are summarized below: <ul style="list-style-type: none"> ○ Television advertising - The winning video ran 12 times in June and July 2013 on KTV Fox. The video also ran on KTVU online 273 times. ○ Facebook advertising - Advertisements promoting the <i>Be the Street</i> Facebook page were placed in August 2012, September 2012, March 2013, May 2013, and June 2013. Overall, the ads received 5,733,573 impressions and 2,173 "click-throughs". The advertisements also resulted in 917 additional likes on the <i>Be the Street</i> Facebook page. ○ Pandora - The placement of the winning video on Pandora resulted in 371,919 impressions and 13,143 "click-throughs". The 3.82% click through rate on the Pandora advertisement is significantly above the industry standard of 1.2%. <p>City of Cupertino's "Be the Street" Event - With the permission of the</p>			

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Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
	<p>manager of Vallco Shopping Mall in Cupertino, the City of Cupertino and Sunnyvale took the BASMAA's "Be the Street" campaign to opening night of "Twilight" (a popular movie for teenagers) on November 15, 2012. The campaign and photo shoot with "Be the Street" backdrop of a downtown urban setting, is aimed at encouraging young people to see the street as an extension of them. Being the Street involves an attitude of not tolerating littering and socially desirable ("cool") behaviors that prevent litter, e.g. picking up trash and placing it in the appropriate trash or recycling bin. About 180 pictures were taken as Twilight movie goers posed in costumes holding anti-litter signs, trash grabbers or waste baskets provided by the cities. In front of the "Be the Street" backdrop, teenagers and young adults used urban props to express their use of urban streets. Four staff members, five students and two young adult volunteers hosted the event and took the photos. The best pictures were posted on the "Be the Street" Facebook page. Approximately 100 young people participated in this successful event.</p>			

City of Cupertino DRAFT Trash Management Areas Map



Legend

Trash Generation Category

- Low
- Medium
- High
- Very High

* Creek/Shoreline Hotspot

Trash Management Area

Non-Jurisdictional (Dot color = Generation Category)

— Streets

— Agency Boundary

— Creeks

— Parcel Boundary

N

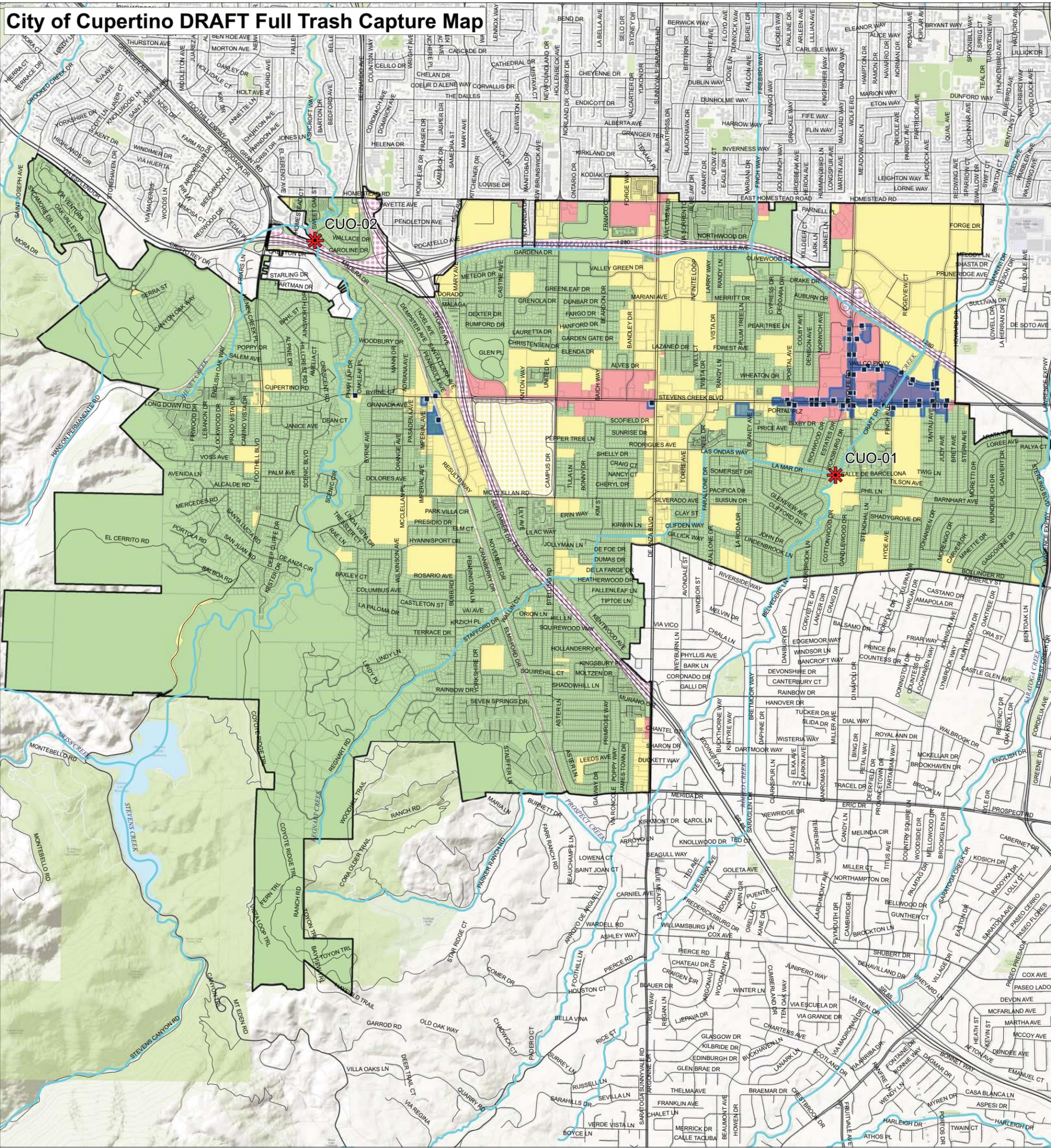
0 0.25 0.5 1 Miles

Data Sources:
 Roads: Santa Clara County
 City Boundaries: Santa Clara County
 Background: ESRI World Topographic Map

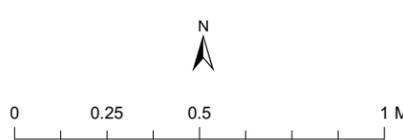
Map Created By:
 EOA, Inc.

Date:
 August 26th, 2013

City of Cupertino DRAFT Full Trash Capture Map



Legend	
Trash Generation Category	Creek/Shoreline Hotspot
Low	Full-Capture Location
Medium	Full Trash Capture
High	Streets
Very High	Agency Boundary
Non-Jurisdictional (Dot color = Generation Category)	Creeks
	Parcel Boundary



Data Sources:
 ETON: Santa Clara County
 City Boundaries: Santa Clara County
 Background: ESRI World Topographic Map

Map Created By:
 EOA, Inc.

Date:
 August 26th, 2013

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 12-13 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 17, 2012. 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 69,852.62 pounds of hazardous waste was collected in FY 2012-13. Out of the total HHW material collected, 20.25 pounds of mercury devices, 390.16 pounds of fluorescent bulbs, and 298.75 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 \$0.49 cents per month for the City's HHW "At Your Door" collection program and apartment dwellers pay \$0.39 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 24,663 residents from July 1, 2012 through June 30, 2013. Approximately 3.0 million pounds of hazardous waste was managed safely and legally. There were a total of 56 collection events: 41 at two permanent facilities and 15 at temporary sites strategically located throughout the County. In addition, the Program served 453 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—131,500 pounds
- Total household batteries collected—151,630 pounds
- Elemental Mercury—505 pounds (includes thermostats, thermometers and other products)

At the end of FY 2012-2013, 42 retailers served as fluorescent lamp drop-off locations and 75 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: 10/27/12, 1/19/13, & 5/18/13 Mercury containing products collected at these events were:

- Total fluorescent lamps collected -1,188 pounds
- Total household batteries collected - 3.47 tons
- Total E-Waste collected - 7.44 tons
- 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. 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 FY12-13. 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 12-13 Countywide Program Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the Countywide Program area.

Type of Material	Material Recycled via City's Residential Collection Program – WM At-Your-Door
Fluorescent Tubes	13.63 lbs
Fluorescent Tubes	2,076 ft
Fluorescent Compacts	374 ea
Lamps Other	17 lbs
HID (High Intensity Discharge)	n/a
Batteries (lbs) (Batteries, Dry, containing Potassium Hydroxyde)	298.75 lbs
Batteries (lbs) (Batteries, Wt, filled with Acid or Alkali 8)	0 lbs
Mercury Devices	20.25 lbs

Please see the FY 12-13 Countywide Program Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the Countywide Program area. The City of Cupertino does not explicitly calculate the total mass of mercury collected.

FY 12-13 Collection of mercury containing products from City facilities

Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps ⁵⁰ 1 FT	1	Not tracked by the City
Fluorescent Lamps ⁵¹ 2 FT	23	Not tracked by the City
Fluorescent Lamps ⁵² 3 FT	25	Not tracked by the City
Fluorescent Lamps ⁵³ 4 FT	792	Not tracked by the City

⁵⁰ Only linear fluorescent lamps should be included

⁵¹ Only linear fluorescent lamps should be included

⁵² Only linear fluorescent lamps should be included

⁵³ Only linear fluorescent lamps should be included

Fluorescent Lamps ⁵⁴ 8 FT	43	Not tracked by the City
Fluorescent Lamps ⁵⁵ 9 FT	0	Not tracked by the City
CFLs ⁵⁶ (each)	414	Not tracked by the City
HID (High Intensity Discharge)	98	Not tracked by the City
Batteries (lbs) (Batteries, Dry, containing Potassium Hydroxyde)	20	Not tracked by the City
Batteries (lbs) (Batteries, Wt, filled with Acid or Alkali 8)	117	Not tracked by the City
Thermostats ⁵⁷ (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
Total Mass of Mercury Collected During FY 2012=2013:		Not tracked by the City

⁵⁴ Only linear fluorescent lamps should be included

⁵⁵ Only linear fluorescent lamps should be included

⁵⁶ Only compact fluorescent lamps should be included

⁵⁷ 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 12-13 Annual Report and/or the BASMAA Regional POC Report.

Permittee Name: _____

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:

See the Program's FY 12-13 Annual Report for a description of training provided at the program and/or regional level.

- C.12.b ▶ Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities**
- C.12.c ▶ Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations**
- C.12.d ▶ Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices**
- C.12.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit**
- C.12.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs**
- C.12.g ▶ Monitor Stormwater PCB Pollutant Loads and Loads Reduced**
- C.12.h ▶ Fate and Transport Study of PCBs In Urban Runoff**
- C.12.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region**

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

Summary

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

Description:

At the March 5, 2013 Construction Site Stormwater Compliance Workshop, City Inspectors reviewed Municipal Regional Stormwater Permit Requirements for Inspectors of Construction sites, Key Requirements of the Construction General Permit, Construction BMP's, Enforcement

FY 2012-2013 Annual Report

C.12 – PCB Controls

Permittee Name: _____

Experiences, and Construction Site Compliance. At the April 23, 2013 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.

See the FY 12-13 Program Annual Report for a description of training provided countywide and/or regionally, and report on any local training efforts, if applicable.

Section 13 - Provision C.13 Copper Controls

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

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

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

Enforcement

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.

City of Cupertino Ordinance (Municipal Code Section 9.18.210.4.M. Copper Roofing and Architectural Materials.):

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. 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 pollution 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 have been implemented.

City of Cupertino Ordinance (Municipal Code Sections 9.18.040.A and B. Discharge into the Storm Drain Prohibited): 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.

See the full text for Cupertino Municipal Code Chapter 9.18 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)

Permitting & Training

At last year's Industrial and Commercial Inspector Stormwater training, the City's Building Inspectors were trained on 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 do not permit any illicit discharges from copper cleaning. The Requirements for Copper Roof and other Architectural Cooper are also on the City's Environmental Programs Website.

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

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

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

City of Cupertino Municipal Code, Section 9.18.210.4.M. Copper Roofing and Architectural Materials:

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.

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.

C.13.c ► Vehicle Brake Pads

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

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

To help prevent pollution from car washing, the City loans a Sudsafe storm drain protection kit to non-profit groups that are planning a carwash fundraiser (e.g. Cupertino High School & local churches). The kit contains an insert to plug the storm drain and a pump to divert wash water to nearby landscaping or to the sanitary sewer for treatment and discharge. The City's "How to Hold a Car Wash" flyer is on the City's website: <http://www.cupertino.org/index.aspx?page=169>

All car washing businesses in Cupertino are inspected as part of the City's IND inspection program.

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

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

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

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

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

Summary

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 and car washing services.

City inspectors verify that gas stations and vehicle repair shops understand and comply with stormwater requirements for vehicle washing during annual inspections. Facilities with any violations are re-inspected the following fiscal year.

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 12-13 Annual Report and/or BASMAA Regional POC Report.

During FY 12-13 Cupertino swept approximately 14,799 miles of paved streets and removed approximately 15,910 tons 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.

Summary

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

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

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

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

Summary

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

C.14.a.v. ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls – Load Computation

(For FY 12-13 Annual Report only) Submit a report with information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay.

Summary

Information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

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

(For FY 12-13 Annual Report only) Submit a report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff.

Summary

A report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

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

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

Is your agency a water purveyor? Yes No

If **No**, skip to C.15.b.vi.(2):

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

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

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

Summary:

- The City'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. In FY12-13 the City started replacing sprinklers with drip systems in its medians to prevent overwatering.
- The Santa Clara County Recycling and Waste Reduction Commission's Technical Advisory Committee (SCC RWRC TAC) and SCVURPPP Management Committee formed the Countywide Eco-Gardner Work Group to select a consultant and develop a website to educate residents, landscape designers, maintenance professionals and municipal staff on sustainable, naturally pest-resistant landscape techniques. SCVURPPP and SCC RWRC TAC agreed to fund the Eco Gardener Project in FY 12-13 and FY 13-14. The City of Cupertino participates in the Eco-Gardener Work Group.
- 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 hydro-zones to prevent over-irrigation, follow Bay-Friendly Landscaping Guidelines or other landscaping guidelines with similar goals and practices."The City's IDDE Inspector investigates ongoing, large-volume landscape irrigation discharges. If businesses or residents do not comply with recommendations to prevent irrigation runoff or fix broken sprinklers, the IDDE inspector has the authority to proceed with enforcement as described in the IDDE ERP.
- The City does not permit any non stormwater discharges to enter the storm drain system, including residential car wash and pool and spa water. Municipal Code 9.18.210(4) B is enforced through the City's IDDE program (see section C.5 of this Annual Report for the violations reported in FY 12-13.
- The Fire Department conducts commercial building fire sprinkler system testing. All contractors are required to report to the City before testing. The contractors fill out a form to describe how they will prevent the fire-testing discharges from entering the City's storm drain system.

- C.15b.iv. Individual Residential Car Washing Discharges:
 - The City continues to distribute the "Clean Cars and Clean Streets" brochure at outreach events. The brochure recommends washing your car at a commercial car wash and also provides pollution prevention BMP practices for washing your car at home.
 - The Watershed Watch campaign partnered with two commercial car washers (Classic Car Wash and Capital Premier Car Wash) to conduct discounted car wash events. Customers received outreach information and a 50% discount on car washes at the events.
 - Classic Car Wash, Capital Premier, and Pacific Car Wash continued to offer discounts on car washes to residents using the Watershed Watch discount card.
- For regional activities, please see sections C.3 New Development and Redevelopment; C.7. Public Information and Outreach; and C.9. Pesticide Toxicity Control of the Santa Clara Program's FY 12-13 Annual Report. For details on Countywide efforts related to conditionally exempt discharges and potable water discharges entitled "Low Impact Planned Potable Water System Release," see SCVURPPP's Annual Report on C.15 Exempted and Conditionally Exempted Discharges

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System⁵⁸

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) ⁵⁹	pH (standard units) ⁵²	Discharge Turbidity (Visual) ⁵²	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁶⁰	Inspect or arrival time	Responding crew arrival time
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

⁵⁸ This table contains all of the unplanned discharges that occurred in this FY.

⁵⁹ Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.

⁶⁰ Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.