

CITY OF CUPERTINO

Urban Runoff Management Program



Cupertino Creek Clean Up

Annual Report FY 2013-2014



PUBLIC WORKS DEPARTMENT

CITY HALL
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September 15, 2014

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 2013-2014 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 2013-2014 and consists of the following:

- A. Certification Statement
- B. Annual Report Form
 - Table of Contents
 - Completed Annual Report Form: Sections 1-15
 - Appendices included at the end of applicable sections

City Highlights

This year the City of Cupertino demonstrated its commitment to implementing the MRP and engaging and educating the public through city projects, policies and ordinances. City staff and City Council place a high value on protecting natural water bodies and on quality education (the City is known for its excellent schools). These priorities are evident in the City's Stevens Creek corridor restoration project which has been in development since 2007. Construction for Phase 2 totaled \$3.281 million, with \$2.831 million in project funding coming from grants (from the Santa Clara Valley Water District and other agencies) and outside funds and contributions.

Completion of Stevens Creek Corridor Project Phase II

Stevens Creek Corridor Park and Restoration Phase 2 was opened to the public in a dedication ceremony on July 1, 2014. The project extended the bicycle-pedestrian path and creek

restoration activities that the adjacent "Phase 1" project provided when it was opened to the public on July 4, 2009 and won a 2009 Site Design Award for public parks. Phase 2 opened up a 5-acre site to the public for the first time and expanded wildlife habitat, water quality protection features, and significant improvements for a healthy creek and ecosystem.

Nearly ¼ acre of concrete and riprap armoring was removed and the creek has been widened and stabilized with entirely natural materials including boulders, logs and 2,500 locally-native plants including 300 native trees. The plantings were grown from seeds, acorns and cuttings collected from the watershed and are establishing well. Two new backwater areas add habitat complexity plus valuable 'refugia' resting areas for fish and aquatic wildlife. Bioswales and infiltration areas were added to collect runoff from the adjacent golf course, parking lot, restaurant and patios which previously flowed into the creek. The restored alignment features a meandering layout, and in-stream floodplain benches for a healthy, naturally self-sustaining creek channel.

Public Education, Community Participation

This year the City worked on plans for an Environmental Education Center (EEC) which is scheduled to open next year at McClellan Ranch. The EEC will support the City's popular environmental education and sustainability programs (plus activities by others at the site including Santa Clara Valley Audubon Society, Acterra, 4-H, and the Santa Clara County Master Gardeners and Community Gardens program. The EEC includes a covered open-air gathering area which is designed for use by the school district-wide Creek Studies program, in which over 2,000 third-graders from Cupertino and neighboring cities visit Stevens Creek each year to learn about the watershed.

To highlight the City's creeks and make them more noticeable to the public, new creek signs were installed at ten pedestrian creek crossings. The signs have a QR code which links to a creeks page on the City's website. The signs were designed and provided to several participating cities with funds from an Acterra public education grant project. See www.cupertino.org/creeks for creeks that flow through the City of Cupertino.

Outreach and Support to Cupertino Businesses

The City's participation in US EPA's Food Recovery Challenge led City staff to engage local grocery stores in a citywide effort to keep food waste out of the landfill. In addition to encouraging donations to food banks, the City's approach was to help store managers train their employees to separate food waste from garbage so that it could be composted. The City's commercial stormwater inspections provided motivation for stores to maintain a clean outdoor disposal area while incentivizing managers and owners to reduce their garbage costs by recycling more and giving back to the community by contributing to the City's compost

program. The City won US EPA's innovation award for working with businesses and its garbage hauler and for combining stormwater inspections with City support for businesses and a residential compost give-away program. Fifteen hundred residents received free compost processed from the community's food and yard waste.

City staff visited stores in July – September 2013, to introduce a reusable bag ordinance and deliver outreach kits before the effective date of October 1, 2013. In March through May 2014, City staff made observations at six of the City's largest stores of 1,075 shoppers. Results showed that each store was in compliance and shoppers were adjusting to the new ordinance. Of the 1,075 shoppers observed, 397 shoppers brought a reusable bag; 484 shoppers did not use a carryout bag, 105 shoppers purchased paper bags and 89 purchased a reusable bag. Details and a slide show of Cupertino students' reusable bag art contest can be found at www.cupertino.org/reusebags

In January 2014, City Council adopted an ordinance to prevent the use and distribution of foam food and drink containers by restaurants, delis, and coffee and tea shops. Before its effective date of July 1, 2014, City staff visited the 180 businesses that were affected by the ordinance to introduce the change and answer questions. Although the ordinance includes two exemptions that businesses could request in the first six months, all business owners agreed to comply by the effective date. More on the City's ordinance can be found at www.cupertino.org/replacefoam

Compliance Program Highlights and Accomplishments

The City's Public Works Department hired a full-time assistant for the Environmental Programs Division in August 2013, to visit businesses, monitor disposal-area cleanliness explain new ordinances, and to conduct business employee training. A senior code enforcement officer was also brought into the division as a part-time environmental specialist to conduct the City's commercial inspections at restaurants pursuant to the City's Business Inspection Plan (see Appendix C.4). This was the first complete year that the City charged a \$100 re-inspection fee for stormwater violations that couldn't be resolved immediately during inspection. Three businesses were required to pay the fee.

City staff worked collaboratively between departments and divisions to ensure MRP requirements were met. Engineering and Planning supported conditions of approval for re-development projects which include additional waste and recycling bins for the public and full capture devices for drain inlets at all private redevelopment or new development sites. Maintenance crews slowed their storm drain inlet cleaning process to allow environmental staff to photo-document by drain inlet ID #, the level of trash and debris removed. Laptops used in the field updated *Cityworks* (an electronic GIS-integrated asset management system) to

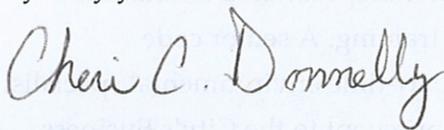
track the dates of cleaning, the level of debris and to determine the cleaning frequency for inlets with full capture devices. Since 2012 the City has acquired 107 full capture devices which will be inspected and cleaned twice annually; 53 of the full capture devices were installed in June 2014.

The City began negotiations to amend and extend its garbage and recycling hauler contract. The amendment includes requirements for the hauler's participation in the Zero Litter Initiative (ZLI) and for drivers to report over-filled bins at commercial sites to the City within 24 hours. This will allow City staff to follow up with immediate enforcement and an introduction to the City's Anti-Litter ordinance (CMC 9.18.215).

On-land assessments in Cupertino showed a reduction in trash and litter which City staff attribute to several new activities adopted over the last two years. These include two product bans and the publicity associated with the ordinances, staff's scrutiny of new and re-development plans with strict conditions of approval for waste disposal areas at commercial sites, and enforcement of the City's litter reduction ordinance at shopping centers which holds property owners responsible for maintaining litter-free property adjacent sidewalks. City staff acknowledge that reaching 40% trash (litter) reduction was done with considerable staff time, effort and City Council support and that maintaining the reduction achieved to date will require constant vigilance, enforcement, evaluation and improvement.

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,



Cheri Donnelly
Environmental Programs Manager
Public Works Department
City of Cupertino



CITY OF CUPERTINO FY 2013-2014 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 be "Timm Borden", is written over a horizontal line.

Timm Borden
Director of Public Works

8-28-2014

Date

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)
ZLI	Zero Waste Initiative

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
MS4	Municipal Separate Storm Sewer Systems
MYRWMP	Multi-Year Receiving Waters Monitoring Plan
NAP	Nickel Action Plan

SCVURPPP Acronyms/Abbreviations

NEMA	National Electrical Manufacturers Association
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
OPP	U.S. EPA Office of Pesticide Programs
OW	U.S. EPA Office of Water
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
PPDC	Pesticide Program Dialogue Program
PPPS	Planning Procedures Performance Standard
Program	Santa Clara Valley Urban Runoff Pollution Prevention Program
PS	Performance Standard

SCVURPPP Acronyms/Abbreviations

PSC	CASQA Pesticide Subcommittee
PVC	Polyvinyl Chloride
Q	Quarter
QAPP	Quality Assurance Project Plan
RA	Risk assessment
RAC	Regional Ad Campaign
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
SETAC	Society of Environmental Toxicology and Chemistry
SF	San Francisco
SFBRWQCB	San Francisco Bay Regional Water Quality Control Board
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

SCVURPPP Acronyms/Abbreviations

SPLWG	Sources, Pathways and Loadings Work Group (RMP)
SPWN	fish spawning
SSC	Suspended Sediment Concentration
SSI	Inventory of Santa Clara Basin Stream Studies
SSO	Water Quality Site-Specific Objective
State Board	State Water Resources Control Board
STOPPP	San Mateo Countywide Stormwater Pollution Prevention Program
SWAMP	Surface Waters Ambient Monitoring Program
SWANA	Solid Waste Association of North America
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
UP3	Urban Pesticides Pollution Prevention Partnership
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

SCVURPPP Acronyms/Abbreviations

Water Boards	California State Water Resources Control Board together
Water District	Santa Clara Valley Water District
WEF	Water Environment Federation
WEO	Watershed Education and Outreach
WE&O	Watershed Education and Outreach
WERF	Water Environment Research Foundation
WG	Work Group
WILD	wildlife habitat
WLA	Waste Load Allocation
WMI	Watershed Management Initiative
Work Group "1"	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

Background Information				
Permittee Name:	City of Cupertino			
Population:	59,620			
NPDES Permit No.:	CAS612008			
Order Number:	R2-2009-0074R			
Reporting Time Period (month/year):	July 2013 through June 2014			
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: 408 777-3433		Fax Number: 408 777-3333		
E-mail Address:	timb@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

The Service Center SWPPP was reviewed in June 2014. A change in responsible parties due to staff promotions was the only update needed.

Staff Training

Municipal Maintenance and Operations stormwater compliance training on the Municipal NPDES Permit was held on March 6, 2014. All municipal maintenance staff attended including maintenance workers from Streets, Facilities, Grounds (Parks etc.), Trees, Trees and Roads and the IDDE Inspector. The new Superintendent was appointed during the training and the Director and Assistant Director of Public Works attended. Topics covered were, the Clean Water Act; the City's NPDES Permit requirements; correct application of BMPs; reporting ineffective BMPs; Service Center housekeeping and cleanliness; review of the City's new Anti-litter ordinance 9.18.210 and 9.18.215 requiring businesses to maintain litter free property including parking lots and sidewalks out to the curb; surface cleaning and mobile business BMPs including BASMAA certification for surface cleaners and reporting potential violations observed in the field to the IDDE Inspector or to on-call "after-hours" municipal staff.

Storm Drain Medallions

Staff applied an additional 167 "No Dumping Flows to Creek" stainless steel medallions to drain inlets to add to 673 which were applied in FY 12-13. The City now applies these longer lasting markers rather than stenciling storm drain inlets. Through Cupertino's Green Biz program all new certified green businesses must mark drain inlets on private property. An estimated 20 markers were applied to privately-owned commercial drain inlets; more than half of the 20 were medallions rather than painted stencils. Percentage of storm drain inlet labels inspected, applied or maintained:

2009-2010: 95%
2010-2011: 94%
2011-2012: 94%
2012-2013: 96%
2013-2014: 98%

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: The City hired O'Grady Paving, to conduct re-paving of some city streets. O'Grady (by contract) follows the City's requirements for BMPs to protect storm drain inlets. The Assistant Public Works Director ensures that BMPs are required contractually for all public work projects. City maintenance staff report any BMPs that appear to be installed incorrectly or if BMPs are not removed after a contract job has been completed. This standard operating procedure is working well for the City. Building inspectors are trained annually on stormwater BMPs and provide additional reports to the IDDE Inspector if they see potential stormwater violations while driving to and from their construction inspections.

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: City staff are trained on BASMAA Mobile Surface Cleaning BMPs during each annual staff training. Six City of Cupertino maintenance workers and the City's IDDE Inspector are certified in BASMAA surface cleaning training BMPs.

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.

NA	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
NA	Control of discharges from graffiti removal activities
NA	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
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: City staff did not perform any bridge or structure maintenance or graffiti removal near storm drain inlets or watercourses in FY 13-14. Graffiti removal is conducted by painting over graffiti while using BMPs rather than using wet methods that require surface cleaning. The Assistant Public Works Director ensures that BMPs are required contractually for all public work projects. Staff training on BASMAA Mobile Surface Cleaning BMPs was conducted during the annual Service Center staff training on March 6, 2014.

C.2.d. ► Stormwater Pump Stations

Does your municipality own stormwater pump stations: Yes 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"/>	<input type="checkbox"/>
		Yes	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.			
<input checked="" type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas		
<input checked="" type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources		
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts		
<input checked="" type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality		
<input checked="" type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion		
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate		
<input checked="" type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings		
<p>Comments including listing increased maintenance in priority areas:</p> <p>During FY 13-14, the City did not construct any new rural roads, bridges, or culverts, or repair or perform major maintenance on 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 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. In FY 13-14 Regnart Road West of Lindy was chip sealed this and Stevens Canyon Road southwest of Ricardo was repaved from the entrance of the county park to the city limit. The Assistant Director of Public Works verified that Rural Public Works Maintenance BMPs as noted in the City's Urban Runoff Management Plan (2004) Performance Standard for Public Streets are consistently implemented whenever work is done in "rural" areas. Maintenance is usually done by the City's contractor, O'Grady Paving.</p>			

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

C.2.f. ► Corporation Yard BMP Implementation	
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
<p>Comments:</p> <p>Stormwater quality control activities at the Municipal Service Center generally stayed the same as what was reported in the FY 12-13 Annual Report. There were no changes to the frequency, method, or responsibility for routine cleaning or inspections related to runoff quality control.</p> <p>In October 2013, the contractor who maintains the SD inlet filters in the corporation yard replaced all filters with an upgraded model.</p> <p>In March 2014, the contractor who maintains the wash-rack modified the filtering system to improve the quality of the recirculating water. This helps insure staff continue to clean vehicles in the rack and not outside of it.</p> <p>Surplus equipment stored outside continues to be removed from the yard. In FY'13-'14, several lawn movers were removed and removal of some of the equipment parked along the north fence of the Yard is anticipated in the next year or two.</p> <p>During weekly Yard inspections in FY 13-14, the City's IDDE Inspector and Haz-Mat Operations Technician noticed irrigation overspray creating standing water in the front parking lot. Soon after this was reported, a City crew fixed the irrigation system and the ponding stopped.</p> <p>The Public Works Supervisor for Trees/Right-of-Way (ROW) supervises the Elmwood maintenance crews. During the quarterly cleaning of Yard drains Elmwood maintenance crews were advised to check and clean all inlets, specifically those that may be difficult to access. The Hazardous Materials Operations Technician verifies that the drains have been cleaned on the Monday following the quarterly maintenance. The drains are cleaned on weekends when there is no activity in the yard.</p>	

If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:			
Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
Municipal Service Center (MSC)	9/4/13	Small hydraulic fluid leak in chipper parking area	Within a few days of the inspection, chipper was moved and leak was fixed.
MSC	9/4/13	Minor sediment build-up in former sweeper parking area	Yard staff supervising Elmwood crews train/remind them quarterly to clean this area.
MSC	9/4/13	Bins for temp. storage of waste dirt & conc. close to D.I. #2	Issue evaluated by Yard staff in FY 13-14: relocating bins not feasible due to lack of space. Staff continue to make sure dirt/debris is cleaned, esp. before storms.
MSC	9/4/13	The blue accent color of some "No Dumping" medallions had worn off and were not as easy to read	Worn medallions were replaced once, but the blue accent color still wears-off. Message still visible. Yard workers are trained not to allow pollutants in SD.
MSC	9/4/13	Straw wattle near the wash rack needs to be replaced	Wattle was replaced several times before being removed at end of rainy season. Yard crew reinstalls wattle if they expect sediment intrusion or rain events. Elmwood crew cleans wash rack area quarterly & makes on-going effort to keep debris from building-up.

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

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

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

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

Summary:

The C.3 New Development and Redevelopment section of the Santa Clara Valley Program's FY 13-14 Annual Report includes a description of Green Street projects in Santa Clara Valley and regional activities.

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.

The City of Cupertino's table of details for the five (5) regulated projects approved in FY 13-14 is attached on pages 3-6 through 3-9.

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.?

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
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Comments (optional): The City does not allow alternative compliance under C.3.e. The City does require LID treatment onsite at all regulated projects.

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	<input checked="" type="checkbox"/>	No
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2014 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.		Yes	<input checked="" type="checkbox"/>	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

<p>(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information.</p> <p>The City of Cupertino's table of 18 operation and maintenance inspections including 5 initial inspections of installed stormwater treatment systems is attached on pages 3-10 through 3-11. All inspections were conducted, tracked and reported by the City's Public Works Engineering Inspector.</p>
<p>(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.</p> <p>Summary: FY 2013-2014 was the second year that the City of Cupertino inspected less than 100% of its 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. This year 18 were conducted, 5 of which were initial installation inspections.</p> <p><u>Vegetated Swales</u> Bio-swales were the only treatment measures on Cupertino sites that have had problems. The vegetation in the swales died after one year in a parking lot where they 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.</p> <p><u>Mechanical treatments</u> Several of Cupertino's C.3 regulated projects that were approved prior to LID requirements have mechanical treatments installed on-site. The mechanical units have not yet had any maintenance problems.</p>

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

Selection of Annual O&M Inspection Sites:

- 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 staff review development plans for MRP C.3 compliance.
- The Public Works Engineering Inspector (a certified QSP) tracks the construction of permanent treatment measures during his routine construction site inspections (C.6) 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 entered in 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.
- Prior to an initial site inspection, the Public Works Inspector may review the site's Storm Water Management Plan, including applicable as-built construction plans, for permanent treatment information, including types and locations of treatments. This may not be necessary as he becomes very familiar with the existing treatment measures.
- The Inspector will review any previous City inspection results and may also review the property owner's O&M maintenance records.
- The Public Works Inspector is familiar with SCVURPPP fact sheets on specific treatment measures which may be useful in addressing questions raised during the inspection by the site owners or operators.

Permanent Treatment O&M Inspection and Enforcement Procedures

- 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 allotted 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.

<ul style="list-style-type: none"> Once all necessary repairs have been completed, the Public Works Inspector will note this in the City's 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). 					
<p>(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).</p>					
<p>Summary: All installed stormwater treatment systems inspected in FY 13-14 were operational and well maintained. The Inspector's familiarity with the sites and experience conducting C.3 O & M inspections since the City began tracking regulated projects in 2003 is another reason for the program's success.</p> <p>Staff Training: City Public Works Engineering Staff including the Public Works Engineering Inspector attended several trainings and workshops in FY 13-14, including the SCVURPPP BMP Inspector Workshop (12/16/13), the Construction Compliance Site Inspector Workshop for Municipal Stormwater Inspectors (4/22/14), and the C.3 annual workshop titled <i>Current Trends in Low Impact Development and Green Street Implementation</i> (6/4/14). Some of the topics covered at these training included implementing LID for local new development and redevelopment, implementing green street projects, O & M inspections and issues, what to inspect during construction and 45 day inspections, review of MRP requirements for inspecting and maintaining treatments, the construction of permanent BMPs and more.</p>					
<p>(4) During the reporting year, did your agency:</p>					
<ul style="list-style-type: none"> Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation? 	<input checked="" type="checkbox"/>	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?² 	<input checked="" type="checkbox"/>	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? 	<input checked="" type="checkbox"/>	Yes		No	Not applicable. No vault systems.
If you answered "No" to any of the questions above, please explain:					

² 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:

The City of Cupertino has modified local ordinances, procedures and checklists to require all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i. Four BASMAA fact sheets on the standard specifications for site design measures are on the City's website as a resource for Planning and Public Works Engineering staff and project applicants. The City's Planning and Building lobby is also stocked with the fact sheets to remind project applicants to consider the rain gardens, rain barrels & cisterns, pervious pavement and landscape designs for stormwater management.

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 ⁹ , Street Address	Name of Developer	Project Phase No. ¹⁰	Project Type & Description ¹¹	Project Watershed ¹²	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹³	Total Replaced Impervious Surface Area (ft ²) ¹⁴	Total Pre- Project Impervious Surface Area ¹⁵ (ft ²)	Total Post- Project Impervious Surface Area ¹⁶ (ft ²)
Private Projects											
Main Street Cupertino	Stevens Creek Blvd at Finch Ave, Cupertino, CA	Sand Hill Construction Management, LLC	1	Mixed Use commercial development including retail, office and a parking garage	Calabazas Watershed	18.70	18.70	447,033	143,767	143,767	590,800
Alves Restaurant	20625 Alves Dr. @ Bandlely Dr.	Apple Inc.	1	Redevelopment for new 2-story private restaurant	Sunnyvale East Watershed	0.88	0.88	0	30,437	30,735	30,437
Apple Campus 2	19050 Pruneridge Avenue (Pruneridge Ave @ North Tantau Avenue), Cupertino, CA	Apple Inc.	1	Redevelopment. Office building with parking structure and auxiliary structures.	Calabazas Watershed	152	152	0	2,615,000	5,085,000	2,615,000
Biltmore Adjacency	20030 Stevens Creek Blvd	Prometheus Real Estate Group	1	Redevelopment for Mixed Use of retail and residential.	Calabazas Watershed.	3.72	3.72	14,670	116,332	116,332	131,002
Cupertino Village (Phase 1)	10869 N. Wolfe Road Cupertino, CA 95014	Kimco Realty Cupertino Village LP	1	Redevelopment New Parking Garage and Site Improvements	Calabazas Watershed	12.5	1.75	0	61,715	479,810	475,295
Public Projects											
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

⁹ Include cross streets

¹⁰ 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".

¹¹ 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.

¹² State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

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

¹⁴ All impervious surfaces added to any area of the site that was previously existing impervious surface.

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

¹⁶ 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 ¹⁷	Application Final Approval Date ¹⁸	Source Control Measures ¹⁹	Site Design Measures ²⁰	Treatment Systems Approved ²¹	Type of Operation & Maintenance Responsibility Mechanism ²²	Hydraulic Sizing Criteria ²³	Alternative Compliance Measures ^{24/25}	Alternative Certification ²⁶	HM Controls ^{27/28}
Private Projects										
Main Street Cupertino	Application Deemed Complete: 8/2/12	Application Final Approval: 9/1/12 Construction Permit Issuance: 9/13/13	Covered Dumpsters, loading areas and bays. Landscaping, Maintenance, Storm drain labeling, C.10 hydro-dynamic separator (as full trash capture) for all onsite inlets.	Self treating and self retaining areas. Permeable pavement.	Infiltration Basin and Bioretention area.	O&M Agreement with private landowner	2c and 1b Rain garden (2c) & Mono-cube Infiltration System (1b)	N/A	Third Party Review, Schaaf and Wheeler	Modeling of infiltration basins using Bay Area Hydrology Model Software.
Alves Restaurant	Application Deemed Complete:	Application Final Approval:	Inlet Stenciling, efficient	Runoff to landscape, tree credits, self-retaining	Bioretention planter.	O&M Agreement with private	2b	N/A	Third Party Review, Schaaf	Not Required (project below)

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

¹⁸ 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.

¹⁹ 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.

²⁰ 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.

²¹ 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.).

²² 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.

²³ 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).

²⁴ 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.

²⁵ 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.

²⁶ Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁷ If HM control is not required, state why not.

²⁸ 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 ¹⁷	Application Final Approval Date ¹⁸	Source Control Measures ¹⁹	Site Design Measures ²⁰	Treatment Systems Approved ²¹	Type of Operation & Maintenance Responsibility Mechanism ²²	Hydraulic Sizing Criteria ²³	Alternative Compliance Measures ^{24/25}	Alternative Certification ²⁶	HM Controls ^{27/28}
	7/8/12	9/12/12	landscaping, low-flow irrigation, covered trash enclosure.	landscaping.		landowner			and Wheeler	threshold calculations)
Apple Campus 2	Application Deemed Complete: 9/16/13	Application Final Approval: 10/15/13 Construction Permit Issuance: 2/28/14	Covered Dumpster areas drain to sanitary sewer; sanitary sewer connector for fountain; beneficial landscaping and efficient irrigation; covered loading docks drain to sanitary sewer; C.10 Full Trash Capture Devices.	Minimize impervious surfaces; minimum impact street design; cluster structures/pavement; disconnected downspouts; self-treating and self-retaining areas; riparian buffer; preserve existing trees.	Flow through planter, Bioretention facilities.	O&M Agreement with private landowner	3	N/A	Third Party Review, Sandis Civil Engineers	Not Required (impervious area reduced compared to existing)
Biltmore Adjacency	Application Deemed Complete: 8/10/12	Application Final Approval: 9/18/12 Construction Permit	Covered Dumpster; Storm drain stenciling; Efficient landscape irrigation	Minimize impervious surface, minimum-impact parking lot design.	Bio Retention Area	O&M Agreement with private landowner	2b Flow based,	N/A	Third Party Review, Schaaf and Wheeler	Bioretention Areas also provide storage for Hydromodification.

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 Date¹⁷	Application Final Approval Date¹⁸	Source Control Measures¹⁹	Site Design Measures²⁰	Treatment Systems Approved²¹	Type of Operation & Maintenance Responsibility Mechanism²²	Hydraulic Sizing Criteria²³	Alternative Compliance Measures^{24/25}	Alternative Certification²⁶	HM Controls^{27/28}
		Issuance: 7/26/13	systems; Pavement maintenance; C.10 Trash Capture Devices.							
Cupertino Village Redevelopment	Application Deemed Complete: 7/30/13	Approval: 8/8/13 Construction Permit Issuance: 2/26/14	Properly Designed Dumpster Area. Pavement Sweeping. Catch Basin Cleaning, Good housekeeping.	Minimize land disturbed. Minimize impervious surfaces.	Bioretention Area	O&M Agreement with private landowner	3: Combina- tion Flow and Volume based design and 4% Method	N/A	Third Party was used for Certifica- tion (Wreco)	Not required. Project doesn't create an increase in total impervious surface from the pre- project condition.
C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)										
Public Projects										
None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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) ²⁹	Party Responsible ³⁰ For Maintenance	Date of Inspection	Type of Inspection ³¹	Type of Treatment/HM Control(s) Inspected ³²	Inspection Findings or Results ³³	Enforcement Action Taken ³⁴	Comments/Follow-up
316-20-109	Main St/ NW/c of Stevens Creek Blvd & Tantau Ave and Stevens Creek Blvd at former Finch Ave	YES	Sand Hill Construction	5/7/2014	Initial	Underground Detention Systems	1. No Visible/Apparent Problems	None	Initial Inspection
326-34-069	Alves Restaurant/20625 Alves Dr	YES	Apple Inc	3/12/2014	Initial	Bioretention	1. No Visible/Apparent Problems	None	Initial Inspection
369-03-009	Biltmore Adjacency/20030 Stevens Crk Blvd	YES	Prometheus Group/ Mike Ducote	2/21/2014	Initial	Bioretention	1. No Visible/Apparent Problems	None	Initial Inspection
326-10-066	Homestead Square Phase 2 Safeway /Homestead@ Franco	YES	Sobrato Development	9/17/2013	Initial	Media Filter	1. No Visible/Apparent Problems	None	Initial Inspection
316-20-037 & 038	Rosebowl/19800 Vallco Pkwy	YES	Edward Chan	5/7/2014	Initial	Media Filter	1. No Visible/Apparent Problems	None	Initial Inspection
369-16-026	1st Baptist Church/10505 Miller Avenue	NO	Senior Pastor Robin Davies	2/27/2014	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	During rain inspection.
326-07-037	Las Palmas/10855 N. Stelling	NO	Chartier Property Mgmt	2/27/2014	Routine	Vortex Separator	1. No Visible/Apparent Problems	None	During rain inspection.
359-20-028	St. Jude's Episcopal/20920 McClellan Rd	NO	Tom Dyer	4/9/2014	Routine	Infiltration Trench	1. No Visible/Apparent Problems	None	
359-08-020	Cupertino Crossroads/20750 Stevens Creek Blvd	NO	WL Butler Construction	4/9/2014	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	Same Parcel #; different Addresses; different swales

²⁹ Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

³⁰ State the responsible operator for installed stormwater treatment systems and HM controls.

³¹ State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

³² 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.

³³ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

³⁴ 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) ²⁹	Party Responsible ³⁰ For Maintenance	Date of Inspection	Type of Inspection ³¹	Type of Treatment/HM Control(s) Inspected ³²	Inspection Findings or Results ³³	Enforcement Action Taken ³⁴	Comments/Follow-up
359-08-020	Cupertino Crossroads/20730 Stevens Creek Blvd	NO	WL Butler Construction	4/9/2014	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	Same Parcel #; different Addresses; different swales
369-11-048	Blaney Park/790 S.Blaney	NO	Rick Towne	5/20/2014	Routine	Infiltration Trench	1. No Visible/Apparent Problems	None	
316-09-029	Panasonic/10900 N Tantau	NO	Larry Wallerstein	2/27/2014	Routine	Hydrodynamic Separators	1. No Visible/Apparent Problems	None	During rain inspection.
316-09-029	Panasonic/10900 N Tantau	NO	Larry Wallerstein	2/27/2014	Routine	Porous Pavement	1. No Visible/Apparent Problems	None	During rain inspection.
316-09-029	Panasonic/10900 N Tantau	NO	Larry Wallerstein	2/27/2014	Routine	Vegetated Swale	1. No Visible/Apparent Problems	None	During rain inspection.
316-09-029	Panasonic/10900 N Tantau	NO	Larry Wallerstein	2/27/2014	Routine	Drain Insert	1. No Visible/Apparent Problems	None	During rain inspection.
326-09-056	Villa Serra/20800 Homestead Rd	NO	Prometheus Group/Mike Ducote	6/5/2014	Routine	Vegetated Buffer Strip	1. No Visible/Apparent Problems	None	Numerous vegetated buffer strips
326-10-063	Rite-Aid/20572 Homestead Rd	NO	DevCon Construction	5/20/2014	Routine	Media Filter	1. No Visible/Apparent Problems	None	
326-10-063	Rite-Aid/20572 Homestead Rd	NO	DevCon Construction	5/20/2014	Routine	Infiltration Basin	1. No Visible/Apparent Problems	None	

C.3.e.vi.Special Projects Reporting Table												
Reporting Period – January 1 – June 30, 2014												
Project Name & No.	Permittee	Address	Application Submittal Date ³⁵	Status ³⁶	Description ³⁷	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category ³⁸	LID Treatment Reduction Credit Available ³⁹	List of LID Stormwater Treatment Systems ⁴⁰	List of Non-LID Stormwater Treatment Systems ⁴¹
The City did not review or approve any products that would qualify as <i>special projects</i> in FY 2013-2014.	No special projects were submitted to the City of Cupertino for approval in FY 2013-2014.	N/A	See footnote	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

³⁵ Date that a planning application for the Special Project was submitted.

³⁶ 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.

³⁷ Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

³⁸ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

³⁹ 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.

⁴⁰ 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.

⁴¹ 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
<p>Provide background information, highlights, trends, etc.</p> <p>The City prioritized and conducted IND inspections at facilities identified as having the likelihood of contributing to pollution of stormwater runoff or having had recent documented violations. These businesses include restaurants, grocery stores, automotive repair facilities, gasoline stations, and dry cleaners. The Environmental Programs Division has a part-time code enforcement officer who conducted the food service facility (restaurants and grocery stores) inspections and the building inspectors conducted the remaining businesses identified. The inspections and cross training of field staff performing the inspections is an important aspect to the program. By including them in identifying violations and discussing BMPs on scheduled IND inspections, it reinforces their skills to proactively look for stormwater violations on other inspections within their respective job specifications (construction inspections and blighted properties).</p> <p>During FY 13-14, the City inspected 31 food facilities (including grocery stores) and 26 commercial areas including automotive, big-box retail, dry cleaning, construction, and a tanning salon. Prior to conducting inspections, letters were sent to the 57 businesses and associated property owners scheduled for visits, notifying them that they were subject to a \$100 re-inspection fee if violations were observed and a re-inspection was necessary to ascertain compliance. This fee is at the discretion of the inspector based on factors primarily associated with the nature of the corrective action necessary. Same day re-inspections for minor corrections are generally not assessed the fee. Conversely, correction of multiple and/or extensive violations requiring several days that trigger staff scheduling changes were generally assessed the fee. In FY 13-14 there were three businesses assessed the re-inspection fee.</p> <p>Of the businesses inspected in FY 13-14, 10 were determined to have violations. Types of violations observed related to litter, exterior tallow bins lacking secondary containment, exterior storage of equipment/materials, and trash/recycling container lids left open.</p> <p>In FY 14-15, the City will pilot an IND grid concept inspection program. The goal is to inspect all businesses situated on a specific commercial property (e.g. shopping center) rather than the current program of select businesses located on one property. The intent is to broaden the reach of education and property oversight on large retail properties concerning pollution of stormwater runoff. Staff determined from the development and field surveys that were conducted to construct the Trash Management Area Map, greater City oversight in high trash areas could reduce the amount of litter generated in these hot-spot litter zones. This grid approach is theorized to yield better results in litter reduction by focusing a percentage (to be determined) of IND inspections in high trash load areas, rather than the current practice of selecting various locations around the City based on business type. The City has yet to establish the specific grid system as the Trash Management Areas are still being defined.</p>

C.4.b.i. ► Business Inspection Plan
<p>Do you have a Business Inspection Plan?</p> <p style="text-align: right;"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No </p>

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 included in Appendix C.4, the City's 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 for FY 14-15 and the lists of facilities inspected in FY 13-14 are included in Appendix C.4, the City's Business Inspection Plan.

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	57	
Total number of inspections conducted	63	
Number of violations (excluding verbal warnings)	6	
Sites inspected in violation	10	18%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	10	100%

Comments:

1) Ten sites were in violation, but 4 of the violations were resolved with a verbal warning. Multiple violations at one site are counted as one violations.

2) The City counts multiple violations at one site as one violation per site and requires complete compliance from the business owner within 10 business days or before the next rain event. In instances where multiple minor violations at the same business are confirmed, a description of each violation is recorded in the inspectors report, the compliance notice, and an internal City database. The database will provide a history of past

and current violations and specific details concerning the conditions creating the violation.

3) Fifty-seven businesses were inspected this year which met the target number identified in the City's Business Plan for Inspections in FY 13-14. Six re-inspections were conducted and the City imposed re-inspection fees (\$100) on three property owners where violations occurred. Of these three businesses wherein the fee was imposed, each had the violations corrected upon the second visit by the inspector.

4) The Program Manager conducted on-site IND training with the building inspectors and code enforcement officer at a large big-box store in a high trash generating area of the City. The business has high volume, a large parking lot, and a significant opportunity to improve their litter management and parking lot sweeping program. The store general manager and key assistant staff were also included in the training. There were multiple violations (litter and excessive exterior storage of materials) observed requiring a second inspection to confirm compliance; however, no fee was imposed. Considering the location of this anchor store being in the center of one of the City's designated high trash management areas, the emerging partnership between staff and the store operator was the goal in an effort gain sustained compliance and a positive working relationship. Store management indicated an understanding of their responsibility to maintain the property in compliance and that future confirmed violations would be met with re-inspection fees and administrative citations.

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

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	1
Potential discharge and other	9

Comments:

The City has found the most effective way to achieve compliance is to assign primary responsibility of any stormwater violation at a site to the property owner. Secondary responsibility would then be designated on the business owner or person in direct control of the site where the violation occurs. Staff has learned that involving absentee property owners gives incentive for them to actively manage their property with direct oversight to ensure there are no violations.

If an active discharge is discovered, it is counted as one discharge per inspection site. The property owner and tenant (business owner) is notified of the violation in writing and if there are multiple violations, they are included in one correction notice, pre-citation notice, or administrative citation. Similarly, satisfactory compliance is based on whole-site correction and a case is not closed until all stormwater related violations have been mitigated.

In FY 13-14, one actual discharge was observed during a facility inspection at JC Penney. The building inspector observed power washing of an interior sidewalk near the loading dock area. A referral was made to

<p>the Non-Point Source Pollution Inspector; however, he did not receive the information until the following day. The property was subsequently inspected and both verbal and written follow up was conducted concerning the previous power washing incident and additional litter and debris noted in the loading area of the store. Upon inspection, the trench drain adjacent to where the power washing was observed was dry, so it is possible the water was diverted, but this could not be positively confirmed. To ensure, effective communication concerning referrals to the NPS Inspector, post-incident staff training with the building inspection team was held and referral procedures were discussed.</p>	
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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	4	40%
Level 2	Written Notice of Violation (NOV)	6	60%
Level 3	Pre-Administrative Citation	0	0
Level 4	Administrative Citation (Fine)	0	0
Total		10	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	3
Restaurant/Food Facility	0	5
Retail/Commercial	1	1
Dry Cleaners	0	0
Other- Construction- Cabinetry	0	0

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.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.

C.4.d.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
SCVURPPP O&M Workshop	12/16/13	1. Overview of the MRP 2. Construction site runoff management 3. Vector control issues	One Public Works Inspector and One Code Enforcement Officer	100%
Service Yard Annual BMP Training	3/6/14	Overview and discussion of stormwater BMPs	All Service Center employees	100%
Construction Compliance Site Inspector Workshop	4/22/14	Construction site stormwater management	One Public Works Inspector	100%
Commercial/Industrial Stormwater Site Inspection Field Training	5/6/14	Site specific field inspection training of stormwater BMPs for building inspectors	Six Building Inspectors	80%
SCVURPPP IND/IDDE Inspector Workshop	5/20/14	1. Regulatory update on the MRP 2. Inspecting for pollutants of concerns 3. Record keeping and improving documentation 4. Inspection case study exercises	One Senior Code Enforcement Officer and one Environmental Programs Intern	17%
IND Field Inspection Training	6/3/14	1. Review of C&D recycling for self-haulers 2. Review of IND forms 3. Discussion of IND process and specific inspection techniques	Five Building Inspectors, one Code Enforcement Officer, one Environmental Programs Manager	100%



Appendix C.4

CITY OF CUPERTINO Environmental Programs Division

Industrial/Commercial Site Control Program Business Inspection Plan & Potential Facilities List

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.

In 2014, the City developed a Trash Management Area (TMA) map identifying Low, Medium, High, and Very High litter areas of the City. While there are no areas of the City designated as Very High, there are several regions designated as High Litter Areas (HLAs) primarily consisting of high volume retail and food establishments. As a pilot program to focus on litter reduction in problem areas within these HLAs, retail and food establishment businesses have been identified and folded into the IND inspection list as a priority for FY 14-15. This grid approach is anticipated to focus on specific high litter areas and will be evaluated for future inspection prioritization.

Aside from businesses within HLAs of the TMA map, 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 14-15 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 2013-2014.
4. C.4.b.iii.(2) List of food facilities that were scheduled for inspection in fiscal year 2013-2014.
5. C.4.b.iii.(2): List of automotive and commercial facilities scheduled for inspections during fiscal year 2014-2015
6. C.4.b.iii.(2): List of food facilities and other facilities of concern scheduled for inspections during fiscal year 2014-2015. 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 FY14-15 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

	Business Name	Business Address	Business Type
13	Homestead 76	21855 Homestead Rd	Auto Supply And Service
14	Cupertino Auto Tech	10073 Imperial Ave	Auto Supply And Service
15	Rotten Robbie 25	19030 Stevens Creek Blvd	Auto Supply And Service
16	Vallco 76 Service	19550 Stevens Creek Blvd	Auto Supply And Service
17	Cupertino U S Gas (Valero)	10002 N De Anza Blvd	Auto Supply And Service
18	Cupertino Beacon Auto	22510 Stevens Creek Blvd	Auto Supply And Service
19	Cupertino Smog Pro & Auto	10625 N De Anza Blvd	Auto Supply And Service
20	Cupertino Service	10280 Imperial Ave	Auto Supply And Service
21	International Auto Clinic	10221 Imperial Ave	Auto Supply And Service
22	Imperial Automotive Of	10261 (10262) Imperial Ave	Auto Supply And Service
23	Vikhar Vallero	1699 S De Anza Blvd	Auto Supply And Service
24	De Anza Auto Repair	11025 N De Anza Blvd	Auto Supply And Service
25	Henry's Union 76	10490 S De Anza Blvd	Auto Supply And Service
26	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

	Business Name	Business Address	Business Type
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
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
65	Autoland, Inc	19960 Stevens Creek Blvd	Auto Dealer
		Added for FY 14-15	
66	Rite Aid	20572 Homestead Rd	Retail
67	Staples	20830 Stevens Creek Blvd	Retail
68	Supercuts	20735 Stevens Creek Blvd	Retail
69	House of Miracles	21680 Lomita Ave	Automotive Service
70	Sunshine Acupuncture Health	20956 Homestead Rd	Retail
71	Wells Fargo Bank	10260 S. De Anza Blvd	Professional

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.

Food Facility Name	Business Address
HOUSE OF FALAFEL	19590 STEVENS CREEK BL
DUKE OF EDINBURGH	10801 N WOLFE RD
SHANGHAI FAMILY RESTAURANT	10877 N WOLFE RD
QUICKLY	10887 N WOLFE RD
SHANGHAI GARDEN RESTAURANT	20956 HOMESTEAD RD A-2
PARIS BAGUETTE	20735 STEVENS CREEK BL STE A
TEA ERA CAFE	20916 HOMESTEAD RD F
MANLEY'S DONUTS	10991 N DE ANZA BL B
IA_061014 BAMBU	10963 N WOLFE RD
SHENG KEE BAKERY	10961 N WOLFE RD
TONG DUMPLING	10869 N WOLFE RD
SPRING RICE & CRAWFISH	10123 N WOLFE RD
BOUDIN SF - BAKERY	20682 STEVEN CREEK BL
99 RANCH MARKET-GROCERY STORE	10983 N WOLFE RD
HOUSE OF FALAFEL	19590 STEVENS CREEK BL
FREEBIRDS WORLD BURRITO	20688 STEVENS CREEK BL
CVS/PHARMACY #9894	10455 S DE ANZA BL
99 RANCH SUPERMARKET - GROCERY	10425 S DE ANZA BL
JOY LUCK PLACE	10911 N WOLFE RD
APPLE INC CC1	20300 STEVENS CREEK BL
SHENG KEE BAKERY	10122 BANDLEY DR
BITTER & SWEET, LLC	20560 TOWN CENTER LN
CAFFE MACS-APPLE COMPUTER	4 INFINITE LP
STEVENS CREEK MARKET & LIQUOR	10629 S FOOTHILL BL

HOBEE'S DE ANZA	21267 STEVENS CREEK BL 310
CUPERTINO UNION 76	21530 STEVENS CREEK BL
YIASSOO-10660	10660 S DE ANZA BL
J & J HAWAIIAN BBQ	10745 S DE ANZA BL D
THAI DELIGHT	20916 HOMESTEAD RD A
VILLAGE FALAFEL	20010 STEVENS CREEK BL
AZUMA	19645 STEVENS CREEK BL
OUTBACK STEAKHOUSE	20630 VALLEY GREEN DR
HOMESTEAD FAMILY FUN CENTER	20990 HOMESTEAD RD
SUBWAY SANDWICHES & SALAD-20916	20916 HOMESTEAD RD E
RANCHO RINCONADA CLUB HOUSE-SNACK	18000 CHELMSFORD DR
RIO ADOBE	10525 S DE ANZA BL
SOUTHLAND FLAVOR CAFE	10825 N WOLFE RD
MA'S RESTAURANT	10885 N WOLFE RD
BENIHANA OF TOKYO	10123 N WOLFE RD 2074
MANDARIN GOURMET-10145	10145 N DE ANZA BL
DE ANZA 3	10500 N DE ANZA BL
STEVENS CREEK MARKET & LIQUOR	10629 S FOOTHILL BL
PEBBLES DELI CAFE	10235 S DE ANZA BL
SUSHI KUNI	10211 S DE ANZA BL
MCDONALD'S	10990 N STELLING RD
SMOKE EATERS	10650 S DE ANZA BL
AMICI'S EAST COAST PIZZERIA	10310 S DE ANZA BL
PEACOCK INDIAN CUISINE	10251 S DE ANZA BL
PHO - LICIOUS	21271 STEVENS CREEK BL STE 410
PEET'S COFFEE & TEA	22350 HOMESTEAD RD
VENUS TAM'S CAFE	20956 HOMESTEAD RD G
PANDA EXPRESS	21000 STEVENS CREEK BL
J & J HAWAIIAN BBQ	20950 STEVENS CREEK BL
LA PATISSERIE	19758 STEVENS CREEK BL
PANDA EXPRESS	21000 STEVENS CREEK BL
AMICI'S EAST COAST PIZZERIA	10310 S DE ANZA BL
RED HOT WOK	10074 E ESTATES AV
LEI GARDEN	10125 BANDLEY DR
LITTLE SHEEP MONGOLIAN HOTPOT	19062 STEVENS CREEK BL
7-ELEVEN	21490 MCCLELLAN RD
GOKAKU RESTAURANT	10789 S BLANEY AV
VERDE TEA CAFE	19620 STEVENS CREEK BL #180
ISLANDS FINE BURGERS & DRINKS	20750 STEVENS CREEK BL
HONG FU GOURMET CHINESE RESTAURA	20588 STEVENS CREEK BL
99 RANCH MARKET-GROCERY STORE	10983 N WOLFE RD
BOBBIE'S CAFE	1361 S DE ANZA BL
99 RANCH MARKET-BAKERY	10983 N WOLFE RD
GUMBA'S RESTAURANT	21678 STEVENS CREEK BL

SUBWAY SANDWICH #41149	21682 STEVENS CREEK BL
CFARM MKT-CS-CUPERTINO SQUARE	WOLFE RD
DYNASTY SAFOOD RESTAURANT	10123 N WOLFE RD 1688
AUTHENTIC FRESH MEX GRILL	10123 N WOLFE RD
CFARM MKT-CO-CUPERTINO OAKS	STEVENS CREEK & MARY
SHAN RESTAURANT	20007 STEVENS CREEK BL
PIZZA HUT #281101	20770 STEVENS CREEK BL
PIZZA MY HEART	20530 STEVENS CREEK BL
SHANGHAI FAMILY RESTAURANT	10877 N WOLFE RD
SUBWAY SANDWICHES & SALADS	10525 S DE ANZA BL 130
NOAH'S NEW YORK BAGELS #146	20520 STEVENS CREEK BL B
COFFEE SOCIETY	21265 STEVENS CREEK BL 202
SITAR EXPRESS INDIAN CUISINE	21267 STEVENS CREEK BL 320
ISLANDS FINE BURGERS & DRINKS	20750 STEVENS CREEK BL
WHOLE FOODS MARKET - BAKERY	20955 STEVENS CREEK BL
STARBUCKS COFFEE #5662	11111 N WOLFE RD C
AI NOODLE	10893 N WOLFE RD C160
NUTRITION RESTAURANT	10935 N WOLFE RD
SUBWAY #17377	19110 STEVENS CREEK BL
KITSHO JAPANESE RESTAURANT	19541 RICHWOOD DR
FLORENTINE RESTAURANT	10275 S DE ANZA BL
CHUCK E CHEESE	19805 STEVENS CREEK BL
TOGO'S CUPERTINO	21267 STEVENS CREEK BL 314
SITAR EXPRESS INDIAN CUISINE	21267 STEVENS CREEK BL 320
COACH HOUSE WINE & LIQUORS	1655 S DE ANZA BL
JS STEW HOUSE	10271 TORRE AV
SITAR EXPRESS INDIAN CUISINE	21267 STEVENS CREEK BL 320
KENTUCKY FRIED CHICKEN #057	10520 S DE ANZA BL
JACK IN THE BOX #490	1451 S DE ANZA BL
WINGSTOP #503	19620 STEVENS CREEK BL 190
YOSHINOYA RESTAURANT #2125	19825 STEVENS CREEK BL
ONE POT SHABU SHABU	19648 STEVENS CREEK BL
SUBWAY #35532	10123 N WOLFE RD FC-1
TATAMI BUFFET	10123 N WOLFE RD 2001
PRETZEL TIME	10123 N WOLFE RD 2056
BURGER KING	10123 N WOLFE RD FC5
TERIYAKI EXPERIENCE	10123 N WOLFE RD
MRS FIELDS COOKIES	10123 N WOLFE RD
QUICKLY	10123 N WOLFE RD 2119
MICHELLE'S PANCAKE HOUSE	19060 STEVENS CREEK BL
BAGEL STREET CAFE - CUPERTINO	10591 N DE ANZA BL
DONUT WHEEL	10250 N DE ANZA BL
STARBUCKS COFFEE #10885	22390 HOMESTEAD RD
JOY LUCK PLACE	10911 N WOLFE RD

GUAN DONG HOUSE	10851 N WOLFE RD
CALIFORNIA FRESH	10123 N WOLFE RD 2104
L'EPI D'OR BAKERY	19675 STEVENS CREEK BL
LA PATISSERIE	19758 STEVENS CREEK BL
ERIK'S DELI CAFE	19652 STEVENS CREEK BL
GRAIN D'OR-VALLCO	10123 N WOLFE RD 2011
SURF CITY SQUEEZE	10123 N WOLFE RD K-7
YANG BBQ	10831 N WOLFE RD
OAKMONT PRODUCE MARKET	19944 HOMESTEAD RD
MANLEY'S DONUTS	10991 N DE ANZA BL B
PARK PLACE - RESTAURANT	10030 S DE ANZA BL
BEARD PAPA'S CUPERTINO	19748 STEVENS CREEK BL
MCHART'S PIZZA & GRILL	19732 STEVENS CREEK BL
I LOVE BENTO	10129 S DE ANZA BL
SUSHI KUNI	10211 S DE ANZA BL
TACO BELL #024788	10710 DE ANZA BL
KEE WAH BAKERY	10370 S DE ANZA BL
CURRY HOUSE	10350 S DE ANZA BL
ORANGE TREE	21267 STEVENS CREEK BL 313
JAMBA JUICE #4	21265 STEVENS CREEK BL STE 201
T G I FRIDAY'S	10343 N WOLFE RD
TARGET STORE #323-TACO BELL/PIZZA	20745 STEVENS CREEK BL
PANERA BREAD	20807 STEVENS CREEK BL
TANTAU 1-TA01	10300 N TANTAU
RC 01 CAFE	10435 N TANTAU AV
TRINETHRA INDIAN SUPERMARKET	10255 S DE ANZA BL
IMAHARA'S PRODUCE	19725 STEVENS CREEK BL
A-PLUS TEA HOUSE	21265 STEVENS CREEK BL STE 205
DONUT WHEEL	10250 N DE ANZA BL
CHIPOTLE MEXICAN GRILL #211	10385 S DE ANZA BL
MARUKAI MARKET	19750 STEVENS CREEK BL
BJ'S RESTAURANT & BREWHOUSE	10690 N DE ANZA BL
EXTRAORDINARY SOUP & MORE	20371 STEVENS CREEK BL
ARMADILLO WILLY'S	10100 S DE ANZA BL
HOMESTEAD 76 STATION	21855 HOMESTEAD RD
VEGGIE LAND	10123 N WOLFE RD FC7
COFFEE SOCIETY	10800 TORRE AV #100
KIKUSUSHI JAPANESE RESTAURANT	1655 S DE ANZA BL
VIVI'S	21731 STEVENS CREEK BL
CFARM MKT-CS-CUPERTINO SQUARE	WOLFE RD
HARUMI SUSHI	19754 STEVENS CREEK BL
SHANG HAI DUMPLING	10895 S BLANEY AV
QQ NOODLE	10889 S BLANEY AV

PHO MINH	10118 BANDLEY DR H
MA MA CHEN'S KITCHEN	19052 STEVENS CREEK BL
SHANGHAI DIM SIM	19066 STEVENS CREEK BL
SUSHI HANA	19068 STEVENS CREEK BL
JUDY'S KITCHEN	10635 S FOOTHILL BL
VP2 ESPRESSO KIOSK	19333 VALLCO PY
APPLE VP2	19333 VALLCO PY
VPI	19191 VALLCO PY
APPLE TA07B ESPRESSO BAR	10100 TANTAU AV
DE ANZA 6 - COFFEE BAR	10355 N DE ANZA BL
COFFEE BAR @ DE ANZA 7	10431 N DE ANZA BL
DE ANZA 2-ESPRESSO KIOSK	10201 DE ANZA BL
DE ANZA 3	10500 N DE ANZA BL
POTSTICKER KING	19634 STEVENS CREEK BL
LIANG'S KITCHEN CUISINE	19772 STEVENS CREEK BL
ELEPHANT BAR	19780 STEVENS CREEK BL
JUDY'S KITCHEN	10635 S FOOTHILL BL
7-ELEVEN FOOD STORE 2367-14320-F	21220 HOMESTEAD RD
BLUE PHEASANT RESTAURANT	22100 STEVENS CREEK BL
TAPIOCA EXPRESS	10118 BANDLEY DR G
OUTBACK STEAKHOUSE	20630 VALLEY GREEN DR
OG SLIDERS	21275 STEVENS CREEK BL STE 510
AQUI CAL MEX	10630 S DE ANZA BL
ARYA GLOBAL CUISINE	19930 STEVENS CREEK BL
KONG TOFU & BBQ	19626 STEVENS CREEK BL
MERLION MARKET PLACE	19628 STEVENS CREEK BL
HOBEE'S DE ANZA	21267 STEVENS CREEK BL 310
QUICKLY	21265 STEVENS CREEK BL 210
SITAR EXPRESS INDIAN CUISINE	21267 STEVENS CREEK BL 320
PEBBLES DELI CAFE	10235 S DE ANZA BL
GYU-KAKU RESTAURANT	19620 STEVENS CREEK BL 150
OLARN THAI CUISINE	19672 STEVENS CREEK BL
QUICKLY	21265 STEVENS CREEK BL 210
FREEBIRDS WORLD BURRITO	20688 STEVENS CREEK BL
KIKKA - STEVENS CREEK	20955 STEVENS CREEK BL
WHOLE FOODS MARKET - GROCERY	20955 STEVENS CREEK BL
AJITO	7335 BOLLINGER RD C
DRAGON GARDEN RESTAURANT	10619 S DEANZA BL
YOSHIDA	10700 S DE ANZA BL
WHOLE FOODS MARKET - DELI	20955 STEVENS CREEK BL
MCDONALD'S	10990 N STELLING RD
SHANGHAI GARDEN RESTAURANT	20956 HOMESTEAD RD A-2
PANDA EXPRESS	21000 STEVENS CREEK BL
KONG TOFU & BBQ	19626 STEVENS CREEK BL

AZUMA	19645 STEVENS CREEK BL
ERIK'S DELI CAFE	19652 STEVENS CREEK BL
J & J HAWAIIAN BBQ	20950 STEVENS CREEK BL
SUBWAY SANDWICHES & SALAD-20916	20916 HOMESTEAD RD E
PANDA EXPRESS	21000 STEVENS CREEK BL
BENIHANA OF TOKYO	10123 N WOLFE RD 2074
DRAGON GARDEN RESTAURANT	10619 S DEANZA BL
CINNABON CUPERTINO SQUARE	10123 N WOLFE RD
PARIS BAGUETTE	20735 STEVENS CREEK BL STE A
TPUMPS	19959 STEVENS CREEK BL
FOOD SERVICES WAREHOUSE	10301 VISTA DR
SPICY STATION	10118 BANDLEY DR STE A
SHAN RESTAURANT	20007 STEVENS CREEK BL
NUTRITION RESTAURANT	10935 N WOLFE RD
SHAN RESTAURANT	20007 STEVENS CREEK BL
SHAN RESTAURANT	20007 STEVENS CREEK BL
RED HOT WOK	10074 E ESTATES AV
KITSHO JAPANESE RESTAURANT	19541 RICHWOOD DR
ANDES CAFE	10631 S FOOTHILL BL
THAI DELIGHT	20916 HOMESTEAD RD A
LEE'S SANDWICHES	20363 STEVENS CREEK BL
TEA ERA CAFE	20916 HOMESTEAD RD F
THAI DELIGHT	20916 HOMESTEAD RD A
QUICKLY	10123 N WOLFE RD 2119
SUBWAY SANDWICH #41149	21682 STEVENS CREEK BL
MARINA FOOD II-CHINESE KITCHEN	10122 BANDLEY DR
UNA MAS MEXICAN GRILL	21250 STEVENS CREEK BL
VENUS TAM'S CAFE	20956 HOMESTEAD RD G
TERIYAKI EXPERIENCE	10123 N WOLFE RD
DRAGON GARDEN RESTAURANT	10619 S DEANZA BL
I SUSHI	21670 STEVENS CREEK BL
DE ANZA SHELL FOOD MART	20999 STEVENS CREEK BL
SHENG KEE BAKERY	10122 BANDLEY DR
NOODLES & COMPANY	20735 STEVENS CREEK BL STE H
STARBUCK'S COFFEE #5217	20520 STEVENS CREEK BL A
SMOKE EATERS	10650 S DE ANZA BL
DRAGON GARDEN RESTAURANT	10619 S DEANZA BL
PEET'S COFFEE & TEA	20807 STEVENS CREEK BL 200
MARINA FOOD II-MARKET	10122 BANDLEY DR
212 NEW YORK PIZZA	19998 E HOMESTEAD RD A
THE ROASTED COFFEE BEAN	19110 STEVENS CREEK BL A
TATAMI BUFFET	10123 N WOLFE RD 2001
COLD STONE CREAMERY	10123 N WOLFE RD 2020
CFARM MKT-CO-CUPERTINO OAKS	STEVENS CREEK & MARY

VERDE TEA CAFE	19620 STEVENS CREEK BL #180
ISLANDS FINE BURGERS & DRINKS	20750 STEVENS CREEK BL
CALIFORNIA FRESH	10123 N WOLFE RD 2104
CALIFORNIA FRESH	10123 N WOLFE RD 2104
OG SLIDERS	21275 STEVENS CREEK BL STE 510
SUBWAY SANDWICHES #42133	19998 HOMESTEAD RD C
ALEXANDER'S STEAKHOUSE	10330 N WOLFE RD
PAUL & EDDIES MONTA VISTA INN	21619 STEVENS CREEK BL
I SUSHI	21670 STEVENS CREEK BL
NOAH'S NEW YORK BAGELS #146	20520 STEVENS CREEK BL B
MICHELLE'S PANCAKE HOUSE	19060 STEVENS CREEK BL
LITTLE SHEEP MONGOLIAN HOTPOT	19062 STEVENS CREEK BL
TOGO'S CUPERTINO	21267 STEVENS CREEK BL 314
SUBWAY #17377	19110 STEVENS CREEK BL
TOGO'S CUPERTINO	21267 STEVENS CREEK BL 314
SUBWAY #17377	19110 STEVENS CREEK BL
CFARM MKT-CS-CUPERTINO SQUARE	WOLFE RD
VILLAGE FALAFEL	20010 STEVENS CREEK BL
TONG DUMPLING	10869 N WOLFE RD
CHILI POT	20956 W HOMESTEAD RD D
TEA ERA CAFE	20916 HOMESTEAD RD F
CHUCK E CHEESE	19805 STEVENS CREEK BL
SUBWAY #35532	10123 N WOLFE RD FC-1
MRS FIELDS COOKIES	10123 N WOLFE RD
COFFEE SOCIETY	21265 STEVENS CREEK BL 202
PRETZEL TIME	10123 N WOLFE RD 2056

3. C.4.b.iii.(2): Automotive & Commercial Facilities Inspected in FY 13-14

	Business Name	Business Address	Business Type	Received Acknowledgen
1	European Auto Performance Inc	10550 S De Anza Blvd	Auto Dealer	
2	Goodyear Tire & Rubber Co	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	

	Business Name	Business Address	Business Type	Received Acknowledgen
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	
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	

4. C.4.b.iii.(2): Food Facilities Scheduled for Inspection in FY 13-14 (Some listed due to a previous violation)

	Business Name	Business Address	Business Type	Received Fee Letter
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	Food Facility	
4	Starbucks	20520 Steven Creek	Food Facility	
5	Taco Bell	10710 N S De Anza	Food Facility	
6	United Express Food	10710 S De Anza Blvd	Food Facility	
7	Vivi's Restaurant	21731 Stevens Creek	Food Facility	
8	Yiassoo Greek Specialties	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 &	Food Facility	
12	Donut Wheel	10250 N De Anza Blvd	Food Facility	
13	Elephant Bar	19780 Stevens Creek	Food Facility	
14	Hong Fu Cuisine	20588 Stevens Creek	Food Facility	
15	Imahara Produce	19725 Stevens Creek	Food Facility	
16	J & J Hawaiian Barbeque	20950 Stevens Creek	Food Facility	
17	Marina Food	10122 Bandlely Drive	Food Facility	

18	Marukai Market	19750 Stevens Creek	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	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	Food Facility	
31	Gochi Japanese Fusion Tapas	19980 E Homestead Rd	Food Facility	

5. C.4.b.iii.(2): Automotive and Commercial Facilities Scheduled for Inspection in FY 14-15

	Business Name	Business Address	Business Type	Received Fee Letter	TMA
1	Aaron Brothers	20600 Stevens Creek Blvd.	Retail		2
2	Goodyear Tire	10931 N. De Anza Blvd	Auto Supply And Service		3
3	Cupertino Union 76	21530 Stevens Creek Blvd	Auto Supply And Service		5
4	Clark's Auto Parts & Machine	10270 Imperial Ave	Auto Supply And Service		5
5	Cupertino Auto Tech	10073 Imperial Ave	Auto Supply And Service		5
6	Vallco 76 Service	19550 Stevens Creek Blvd	Auto Supply And Service		1
7	Cupertino U S Gas (Valero)	10002 N. De Anza Blvd	Auto Supply And Service		4
8	Cupertino Beacon Auto Repair	22510 Stevens Creek Blvd	Auto Supply And Service		5
9	Rite Aid	20572 Homestead Rd	Retail		3
10	Staples	20830 Stevens Creek Blvd	Retail		2
11	Crossroads Chevron	10023 S. De Anza Blvd	Auto Supply And Service		2
12	De Anza Auto Center	10151 Imperial Ave	Auto Supply And Service		5
13	Supercuts	20735 Stevens Creek Blvd	Retail		2
14	Sears Auto Service	10101 N. Wolfe Rd	Auto Supply And Service		1
15	Scotty's Cleaners	10620 S. De Anza Blvd	Dry Cleaners And Laundry		4
16	One Hour Cleaners By Lee	10045 E. Estates Dr	Dry Cleaners And Laundry		1
17	McClellan Square Cleaners	10477 S. De Anza Blvd Ste A	Dry Cleaners And Laundry		4
18	Sierra Cleaners	10151 S. De Anza Blvd	Dry Cleaners And Laundry		4
19	Summer Winds Nursery	1491 S. De Anza Blvd	Retail- Nursery		4
20	Yamagami's Nursery	1361 S. De Anza Blvd	Retail- Nursery		4

	Business Name	Business Address	Business Type	Received Fee Letter	TMA
21	JC Penney	10123 N. Wolfe Rd	Retail		1
22	Target	20745 Stevens Creek Blvd	Retail		2
23	Jiffy Lube	19480 Stevens Creek Blvd	Automotive		1
24	House of Miracles	21680 Lomita Ave	Automotive		5
25	Sunshine Acupuncture Health	20956 Homestead Rd.	Retail		3
26	Wells Fargo Bank	10260 S. De Anza Blvd	Professional		4

6. C.4.b.iii.(2): Food Facilities Scheduled for Inspection in FY 14-15

	Business Name	Business Address	Business Type	Received Fee Letter	TMA
1	McDonald's	10990 N Stelling Rd	Food Facility		3
2	Smoke Eaters	10650 S De Anza Blvd	Food Facility		4
3	Pizza Hut	20770 Stevens Creek Blvd	Food Facility		2
4	Starbucks	20520 Stevens Creek Blvd	Food Facility		2
5	7-Eleven	711 Homestead Rd	Food Facility		3
6	7-Eleven	21490 McClellan Rd	Food Facility		5
7	Pizza My Heart	20530 Stevens Creek Blvd	Food Facility		2
8	Yiassoo Greek Specialties	10660 S. De Anza Blvd	Food Facility		4
9	Alexander's Steak House	10330 North Wolfe Rd	Food Facility		1
10	BJ's Restaurant	10690 N De Anza Blvd	Food Facility		4
11	Cupertino Village (common area)	10989 N Wolfe Rd	Food Facility		1
12	Sprouts Farmers Market	20558 Stevens Creek Blvd	Food Facility		2
13	Elephant Bar	19780 Stevens Creek Blvd	Food Facility		1
14	Hong Fu Cuisine	20588 Stevens Creek Blvd	Food Facility		1
15	Imahara Produce	19725 Stevens Creek Blvd.	Food Facility		1
16	J & J Hawaiian Barbeque	20950 Stevens Creek Blvd	Food Facility		2
17	Marina Food	10122 Bandley Drive	Food Facility		2
18	Marukai Market	19750 Stevens Creek Blvd	Food Facility		1
19	Peacock Indian Restaurant	10251 S. De Anza Blvd	Food Facility		4
20	Shanghai Garden	20956 Homestead Road	Food Facility		3
21	Paris Baguette	20735 Stevens Creek Blvd	Food Facility		2
22	Trinethra Supermarket	10255 S. De Anza Blvd	Food Facility		4
23	Freebirds	20688 Stevens Creek Blvd	Food Facility		2
24	Philz Coffee	20686 Stevens Creek Blvd	Food Facility		2
25	Whole Foods	20955 Stevens Creek Blvd	Food Facility		2
26	Pho Minh	10118 Bandley Dr	Food Facility		2
27	Fontana's	20840 Stevens Creek Blvd	Food Facility		2
28	Lei Garden	10125 Bandley Dr	Food Facility		2
29	Ike's Lair	21000 Stevens Creek Blvd	Food Facility		2
30	Noodles & Company	20735 Stevens Creek Blvd	Food Facility		2
31	Gochi Japanese Fusion Tapas	19980 Homestead Rd	Food Facility		3
32	Oakmont Market	19944 Homestead Rd	Food Facility		3
33	Subway	19998 Homestead Rd	Food Facility		3
34	212 New York Pizza	19998 Homestead Rd #A	Food Facility		3

35	Kentucky Fried Chicken	10520 S. De Anza Blvd	Food Facility		4
36	MaMa Chen's	19052 Stevens Creek Blvd	Food Facility		1
37	Michelle's Pancake	19060 Stevens Creek Blvd	Food Facility		1
38	Mongolian Hot Pot	19062 Stevens Creek Blvd	Food Facility		1
39	Shanghai Dim Sum	19066 Stevens Creek Blvd	Food Facility		1
40	Sushi Hana	19068 Stevens Creek Blvd	Food Facility		1
41	Panda Express	21000 Stevens Creek Blvd	Food Facility		2
42	Safeway	20620 Homestead Rd	Food Facility		3
43	99 Ranch Market	10983 N Wolfe Rd	Food Facility		1
44	99 Ranch Market	10425 S De Anza Blvd	Food Facility		4

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

Program Highlights

Provide background information, highlights, trends, etc.

Storm Drain Maintenance

In June 2014, the City installed 53 new full trash capture devices in one of the City's priority high trash management areas. The existing trash capture devices were each inspected in December 2013 and cleaned as needed. All full trash capture devices will continue to be inspected annually and cleaned as needed each fiscal year prior to the rainy season. In the Spring of 2014, the City signed an agreement with the Town of Los Gatos to use a specialized storm drain vacuum truck to clean all drain inlets with full trash capture devices. The vacuum truck replaces the previous practice of manual hand digging (using clamshell shovels) and cleaning. The new mobile truck cleaning increases the efficacy of the cleaning and has proven a more efficient method to clean more drain inlets in less time. To further increase litter capture at street level, more than 60 of the inlets with full trash capture devices were also fitted with curb inlet screens to keep debris out of the catch basin and at street level where it can be swept up during regular weekly street sweeping.

The City is continuing to label all storm drain inlets with stainless steel "No Dumping Drains to Creek" medallions to replace previously painted stencils. The new metal markers have proven to be a less toxic and longer lasting alternative to painting. Maintenance staff applied an additional 167 medallions to drain inlets to add to 673 which were previously applied in FY 12-13. Maintenance staff confirmed that legible labels are at 98 % of the City's total drain inlet inventory in FY 13-14. The drain inlets with updated labels are recorded in the City's GIS storm water system. Installation of the stainless steel medallions will continue until all inlets are marked with medallions.

Collection Screening Program

Maintenance staff conducted 12 end-of-pipe checkpoint inspections in October 2013. As a result of pictures taken during inspections, the Santa Clara Valley Water District (SCVWD) is planning to replace one bent and failing outfall pipe in Calabazas Creek and the City is monitoring and cleaning one outfall along Stevens Creek regularly.

Staff Training

In May 2014, two of the City's Environmental Programs Inspectors attended SCVURPP's Industrial and Commercial Inspector Stormwater Training workshop. This training provided guidance in identifying and investigating pollutants of concern and documenting inspections and investigations. (Staff trained – A. Wykoff and I. Velasquez).

In March 2014, all municipal maintenance staff attended the Municipal Maintenance and Operations Stormwater Compliance training featuring an overview of the Municipal NPDES Permit. Senior Public Works Management including the Director, Assistant Director, and Maintenance Superintendent each participated in the training. Topics of the workshop included, The Clean Water Act, the NPDES Permit requirements, correct application of BMPs, reporting ineffective BMPs, Service Center housekeeping and cleanliness, review of the City's new litter ordinance (9.18.210 and 9.18.215) which require businesses to maintain litter free property including parking lots and sidewalks out to the curb, surface cleaning and mobile business BMPs (including BASMAA certification for surface cleaners), and reporting potential violations observed in the field to the IDDE Inspector or to on-call "after-hours" municipal staff.

IDDE Task Group Participation

Cupertino staff participate 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 needed. Storm drain calls to City Hall are routed to an inspector	408-777-3269 408-777-3354
City of Cupertino Code Enforcement	Code Enforcement Officers respond to spills as needed to aid in controlling scene and/or providing enforcement	408-299-2311
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. Two City Code Enforcers are stationed at the Sheriff's Office.	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.

Description:

Mobile businesses have been identified as a potential source of illicit discharges and as such, City maintenance staff and building inspectors working in various locations throughout the City are trained to observe and report any surface cleaning or other mobile business that is not employing BMPs. The IDDE inspector is the primary responder for these types of violations. However, City's the Code Enforcement, on-call Public Works Maintenance, and Environmental Programs staff are also trained in IDDE investigation and may respond if an incident occurs when the IDDE Inspector is not available.

In the Fall of 2013, the City observed a trend of various mobile businesses such as auto detailers, oil changers, and food trucks offering their services in the parking lots of large commercial office complexes. The Planning and Code Enforcement Departments utilized a zoning provision of the municipal code, to require a permit for any on-site mobile business, which effectively eliminated the mobile auto detailers and oil changers and established a weekly mobile food truck event through a Use Permit to operate in one location during specific days and times that provided for enhanced City oversight of BMPs and litter issues.

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:

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

In FY 13-14 staff identified three sites needing specific maintenance attention as follows:

Outfall SWST 1720 was found to again be impacted with sediment. Maintenance staff cleaned the outfall area and approximately 10 feet into the pipe. Staff concluded that the soil impaction is likely due to creek topography, as the outfall is located adjacent to a back eddy during high flows and the circular flow creates a deposit of soil and debris in the end of pipe area. The impaction of the pipe does not significantly reduce flow from the pipe, however it is an area staff has targeted for monitoring and maintenance.

Outfall SWST 2235 was found to be failing due to age and erosion of the surrounding creek bank and adjacent riprap. The City and the Santa Clara Valley Water District (SCVWD) are developing plans and a funding strategy for replacement of approximately 8 feet of the pipe at the outfall, which will restore it to proper function.

Outfall SWST 2349 was found to be slightly bent and somewhat impacted with sediment. Staff reviewed development records and determined the pipe to possibly be disconnected from the drainage system on an adjacent private parcel. The property owner was notified and instructed to follow up with SCVWD for confirmation and repair if necessary.

Outfall Structure ID	Location of Outfall or Structure	Outfall Structure ID	Receiving Water Body	Insp Date; Rain < 3 weeks?	Standing Water? Description of Flow	List observed trash; odor; color; turbidity; oil sheen; sediment/debris?	Corrective Action required?	Inspector Notes
SWST 46	Outfall at Homestead Rd– under bridge; nearest cross street is Swallow Way	SWST 46	Calabazas Creek	9-24-13 Yes	No standing water; steady flow	No trash, odor, color, turbidity, oil, sheen, sediment/debris	No	Approximate depth of flow 1"

Outfall Structure ID	Location of Outfall or Structure	Outfall Structure ID	Receiving Water Body	Insp Date; Rain < 3 weeks?	Standing Water? Description of Flow	List observed trash; odor; color; turbidity; oil sheen; sediment/debris?	Corrective Action required?	Inspector Notes
SWST 4841	Outfall at Homestead Rd on same side of Calabazas Creek but further down from SWST 46 under bridge near Swallow Way	SWST 4841	Calabazas Creek	9-24-14 Yes	No standing water; steady flow	No trash, odor, color, turbidity, oil, sheen, or sediment/debris	No	Depth of flow ¾". No illicit discharge
SWST 2349	Outfalls at Vallco Pkwy on both sides of creek flow to box culvert (access is behind SCVWD gate)	SWST 2349	Calabazas Creek	9-24-13 Yes	Yes, trickle flow	Medium trash volume, no odor, murky coloring, med turbidity, no sheen, high sediment/debris	No	Found EPS packaging, plastic bags, & food wrappers. Sediment build up at the end of the pipe – needs maintenance
SWST 3519	Outfall at Phar Lap behind house at 10441	SWST 3519	Stevens Creek	9-24-13 Yes	No standing water or flow	No trash, odor, color, turbidity, oil sheen, or sediment/debris	No	No illicit discharge
SWST 3514	Outfall near 22045 Creekside Ct off of Phar Lap (<i>This site requires property owner's permission on property</i>)	SWST 3514	Stevens Creek	9-24-13 Yes	No standing water or flow	No trash, odor, color, turbidity, oil sheen, or sediment/debris	No	No illicit discharge
SWST 1720	Outfall near 22104 Clearwood Ct. On northeast side of creek	SWST 1720	Stevens Creek	9-24-13 Yes	No standing water; no flow	No odor, color, or sheen. Low turbidity and medium sediment/debris	No	Some litter found that could potentially impact water quality

Outfall Structure ID	Location of Outfall or Structure	Outfall Structure ID	Receiving Water Body	Insp Date; Rain < 3 weeks?	Standing Water? Description of Flow	List observed trash; odor; color; turbidity; oil sheen; sediment/debris?	Corrective Action required?	Inspector Notes
SWST 3536	Outfall south of Stevens Crk Blvd; next to Blackberry Farm golf course; on Blue Pheasant restaurant side of creek	SWST 3536	Stevens Creek	9-24-13 Yes	No standing water; no flow	Low trash volume. No odor, color turbidity, sheen, or sediment/debris	No	Some litter and evidence of a small (one person) homeless encampment found
SWST 4829	Outfall north of Stevens Creek Blvd by Blue Pheasant restaurant (2 nd outfall)	SWST 4829	Stevens Creek	9-24-13 Yes	No standing water, trickle flow	Low trash volume. No odor, coloring, sheen, or sediment/debris. Low turbidity	No	Depth of flow 3"
SWST 7633	Outfall at Bubb Rd; nearest Main is at 11257 Bubb Rd	SWST 7633	Regnart Creek	9-24-13 Yes	Yes, steady water flow	No trash, odor, color, turbidity, or sheen. Medium sediment/debris	No	Approximate ½" depth of flow. No illicit discharge
SWST 8434	Top of Regnart Rd, ¼ of a mile from road to outfall	SWST 8434	Regnart Creek	9-24-13 Yes	No standing water or flow	No odor, color, or sheen. Low turbidity and medium sediment/debris	No	No illicit discharge

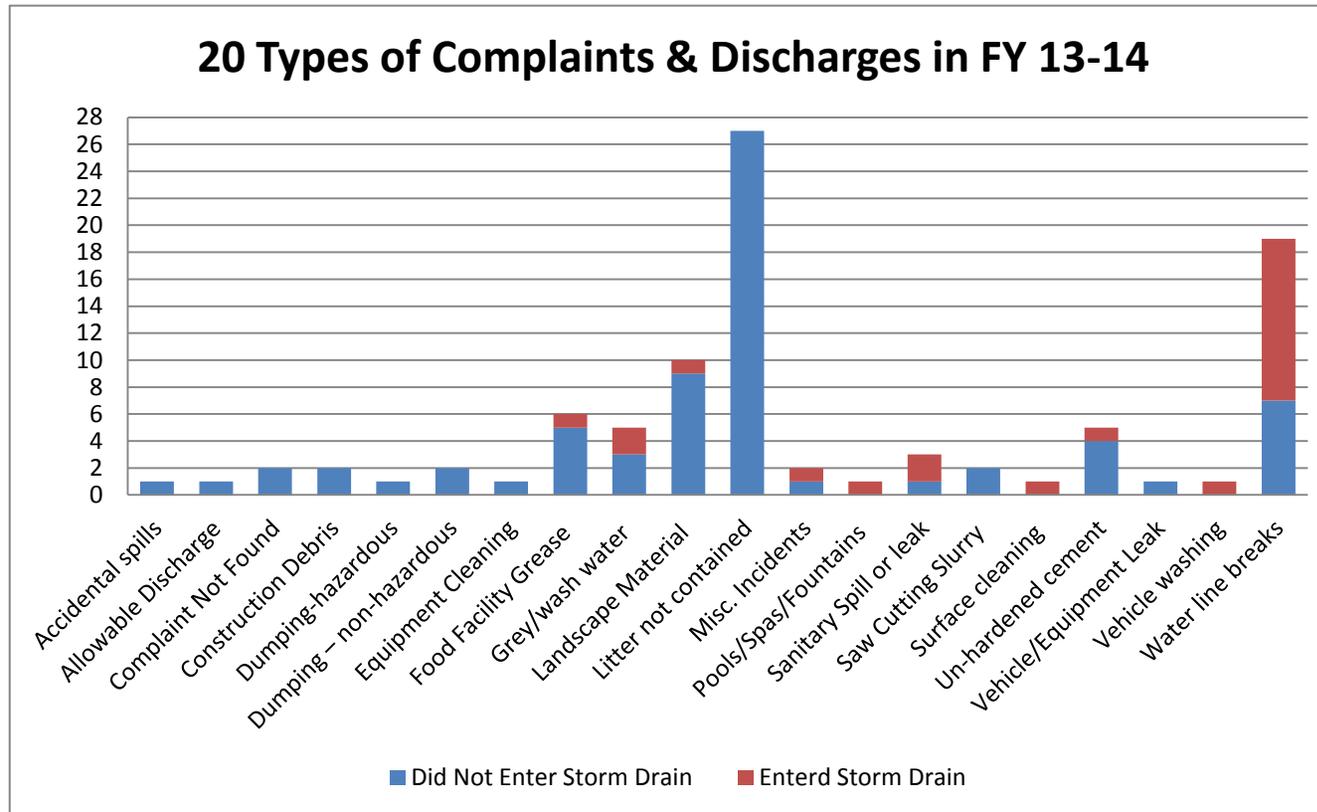
Outfall Structure ID	Location of Outfall or Structure	Outfall Structure ID	Receiving Water Body	Insp Date; Rain < 3 weeks?	Standing Water? Description of Flow	List observed trash; odor; color; turbidity; oil sheen; sediment/debris?	Corrective Action required?	Inspector Notes
SWST 4802	Outfall from eastbound Bollinger storm drain system to Calabazas Creek	SWST 4802	Calabazas Creek	9-24-13 Yes	No, standing water; steady flow	No trash, low odor (oily smell), no color, turbidity, medium sheen, or sediment/debris	No	Approximate depth of flow ¾". Unknown source causing sheen on water. Attempted to backtrack flow, could not complete due to covered man holes on SJ side. Turned over to SJ for further investigation
SWST 2235	Outfall near 10778 East Estates	SWST 2235	Calabazas Creek	9-13	No	No trash, no odor or flow	No	Outfall pipe is failing due to age and erosion of the creek bank

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))	93	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	23	25%
Discharges resolved in a timely manner (C.5.f.iii.(3))	92	99%
Comments: Of the 23 discharges that entered a storm drain, 9 were resolved immediately. Discharges that were not remediated immediately included broken sprinklers, water line repairs (SJ Water Co.), overwatering of plants at a nursery, discharge of pool water, and a sanitary spill/leak. In these instances, staff worked with the responsible party to correct the violation within 10 days or prior to the next rainfall and provide education on BMPs.		

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

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



The above charts shows the breakdown of all 93 responses to reports of actual and potential discharges for FY 13-14

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)
6	5	124
<p>Comments:</p> <p>Before September 1st 2013, the City's Public Works Engineer sent 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 visited each construction site with the potential for sediment runoff (except for the AC2 project for which the City hired a dedicated inspector to oversee the 152-acre site daily). The Public Works (PW) Engineering Inspector verified that the appropriate BMPs at the City's 6 high-priority sites had been implemented before October 1st.</p> <p>The City's dedicated AC2 Inspector reported any potential stormwater violations immediately to the City Engineer who is responsible for the AC2 project. If any potential stormwater violations were observed, the engineer contacted the QSD for the site who responded immediately to prevent the problem. AC2 is a highly visible and publicized construction site; it receives public scrutiny as well as daily checks by the City's contractor.</p> <p>The PW Engineering Inspector also inspects all C.3 "regulated" project construction sites at least monthly. In addition to the 124 construction site control inspections conducted by the PW Engineering Inspector at 6 high priority sites, the City's building inspectors conducted 17,240 inspections of single family residences and small construction sites throughout the City. City Building Inspectors are trained annually on stormwater issues, BMPs, and timely compliance. If any violations are observed the Building Inspector requires immediate remediation by the contractor. If immediate compliance is not possible the violation(s) is/are reported immediately to the City's IDDE inspector, then tracked and resolved as an IDDE incident 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	0	0
Run-on and Run-off Control	0	0
Sediment Control	0	0
Active Treatment Systems	0	0
Good Site Management	0	0
Non Stormwater Management	0	0
Total⁴¹	0	100%
<p>Comments: Eighteen verbal warnings were issued to address 29 potential violations. In FY 13-14 no illicit discharges were observed during 124 construction site inspections. All 6 sites were still being inspected at the end of FY 13-14. No final inspections were conducted at high-priority sites in FY 13-14. Resolutions for inspections conducted during the last week of the fiscal year will be reported in the City's 2014 – 2015 Annual Report.</p>		

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.

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 Issued ⁴³
Level 1 ⁴⁴	Verbal Warning	18	100
Level 2	Written Warning	0	0
Level 3	Administrative Action	0	0
Level 4	Stop Work Order	0	0
Total		18	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. All sites were well-managed and only minor violations were noted. All 29 issues discovered during 124 site inspections were addressed with a verbal warning. Eighteen verbal warnings were issued to address 29 concerns. Of the 29 potential violations observed, 7 were addressed by requiring containment of all loose litter and 2 were addressed by requiring additional sweeping. No actual discharges were observed or inferred by evidence at high-priority sites during FY 13-14.

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

Comments:

No actual discharges were observed or inferred by evidence at the 6 high-priority sites during FY 13-14.

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.

⁴⁴ For example, Enforcement Level 1 may be Verbal Warning.

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)	0	0% ⁴⁵
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0% ⁴⁶
Total number of violations (excluding verbal warnings) for the reporting year⁴⁷	0	100%
<p>Comments: Eighteen verbal warnings were issued to address 29 potential violations. All violations were corrected within 24 hours. A separate contracted inspector conducted daily inspections at the 152 –acre AC2 construction site. All potential violations noted at the AC2 site were corrected or alleviated on the same day they were observed.</p>		

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.).
<p>Description:</p> <p>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 these are not repeated warnings for the same violation. Repeated or unresolved issues are escalated to the next enforcement level. Minor violations are generally corrected on the same day.</p> <p>Eighteen verbal warnings were issued to address 29 violations. In FY 13-14 no illicit discharges were observed during construction site inspections. All 7 sites were still being inspected monthly at the end of FY 13-14. No final inspections were conducted. Resolutions for inspections conducted during the last week of the fiscal year will be reported in the City's 2014 – 2015 Annual Report.</p> <p>The following is a brief comparison chart of All violations, including those that were addressed with verbal warnings, from FY 13-14 and the previous 4 years.</p>

⁴⁵ 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.

⁴⁶ 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.

⁴⁷ 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 # of Corrections
FY 13-14	14	0	6	0	9	0	29
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.

Description:

The Construction Site Inspection ERP was last reviewed and updated by the Public Works Engineering Inspector in April 2013. The City has one Public Works Engineering Inspector (PW Inspector) for all C.3 regulated projects and sites required to comply with the State's General Construction permit. Additionally the PW Inspector conducts the O & M inspections of all permanently installed C3 treatments on private property (Section C.3.h.iv of the City's annual report).

Public Works Inspector's feedback:

Mid to larger builders are educated. They know what is expected and have found what works best. General contractors no longer place responsibility solely on the subcontractor for site maintenance issues. The requirement that sites have a QSP (Qualified SWPPP Practitioner) has helped. Their education makes inspecting the sites easier. Things can readily be handled verbally and only rarely are written notifications necessary. The smaller single-family home projects within the City still have challenges with runoff, dust, mud tracking, litter, stucco, etc., but the Building Inspectors and IDDE Inspector handle these situations immediately and in most cases mitigate the incident before any illicit discharge enters a storm drain inlet.

New this fiscal year, the City contracted with a dedicated construction site inspector to ensure construction site control at a 152-acre site, AC2. This supplementary inspection program worked well by ensuring daily inspection coverage for AC2 and allowing the City's experienced PW Inspector to continue overseeing the entire City's high-priority sites without having to conduct more inspections at the AC2 site.

For regional activities please see the C.6 Construction Site Control sections of the Santa Clara Valley Program's FY13-14 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 Current Trends in Low Impact Development and Green Street Implementation	June 4, 2014	<ul style="list-style-type: none"> Regulatory updates for C.3 Implementing LID for new development & redevelopment Implementing green street projects BMP (C.3) O&M Verification Program 	3 Public Works Engineering Inspector; PW Engineer; Environmental Programs Mgr	100%
Construction Compliance Site Inspector Workshop for Municipal Stormwater Inspectors	April 22, 2014	<ul style="list-style-type: none"> Review MRP Review statewide Construction General Permit's relationship to MRP Construction of BMPs & recognizing deficiencies Field Exercise: hands on installation & critique of BMPs 	1 PW Engineering Inspector	100%
SCVURPPP BMP Inspector Workshop	December 16, 2013	<ul style="list-style-type: none"> Requirements for stormwater permits Stormwater treatment measures What to inspect during construction & 45 day inspections O & M inspections and issues Vector control considerations 	2; PW Engineering Inspector; Sr. Code Enforcement Officer/Environmental Specialist	100%

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

C.7.b.ii.1 ► Advertising Campaign

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

Summary:

The following separate reports developed by SCVURPPP and BASMAA summarize countywide and regional advertising efforts conducted during FY 13-14:

- FY 13-14 Watershed Watch Campaign Annual Campaign Report
- FY 13-14 Watershed Watch Partner Report
- FY 13-14 Watershed Watch Web Statistics Report
- BASMAA Be the Street Campaign Report

These reports are included within the C.7 Public Information and Outreach section of Program's FY 13-14 Annual Report.

Program Campaigns are as follows:

- Watershed Watch Campaigns
- FY 13-14 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 – "Litter Here Ends Up Here" VTA Bus Tail Ad
 - Car Wash Radio Ads to promote Cash Wash events & Watershed Watch discount cards
 - Be the Street – litter campaign – Anti-Litter Meme Contest
 - BASMAA – Got Ants (IPM) – television & radio
 - Green Tips – Radio
 - KARMA – Litter Prevention
 - Garbage & Recycling Hauler BMP's with ZLI
 - Multi-Family/Commercial Trash Enclosure BMP's with ZLI
 - "Watch Out" radio ads promoting Mercury (HHW) disposal and Integrated Pest Management

- "Hire a Green Gardener" radio spots promoting the Green Gardener program.
 - Articles in the Cupertino website & *Cupertino Scene* Newsletter
 - National River Clean Up & Coastal Clean Up
 - 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
- **Bag Ordinance Advertising:** The City adopted a reusable bag ordinance that went into effect October 1, 2013, to comply with the State's regional San Francisco Bay anti-litter and water protection mandates. Since October 1st, 2013 stores in Cupertino have been required to charge \$0.10 for a recycled paper bag. Stores were not allowed to give out free thin plastic shopping bags. Shoppers used their own reusable bags to avoid paying the \$0.10 per paper 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 the 217 businesses that would be affected by the ban.
- **Expanded Polystyrene (EPS) Food ware Container Ordinance:** The City adopted an EPS Foam Food Ware Ordinance effective July 1, 2014, to comply with the State's regional San Francisco Bay anti-litter and water protection mandates and Cupertino litter reduction plan. This Ordinance restricts the use of EPS (foam) food ware by Cupertino restaurants and food service establishments. Outreach flyers were distributed throughout City facilities, newspaper articles in the *Cupertino Courier* & *Mercury News*, information on the City website; letters were sent to 10 home based businesses; staff personally visited 183 food establishments to inform them about the new ordinance. On August 6, 2013, Cupertino co-hosted a Food Ware Vendor Open House along with Los Altos, Sunnyvale, and Mountain View to educate restaurants about alternative products and proposed city ordinances to phase out EPS food ware to reduce litter and improve water quality.
- **Anti-Litter Ordinance (Litter Prevention and Enforcement):** The City adopted an Anti-Litter Ordinance (Litter Prevention and Enforcement) effective March 5, 2013. This ordinance makes pedestrian littering illegal and enforceable by City Code Enforcement officers. City staff implemented the development and enforcement of the ordinance by meeting each business with the news of the ordinance and discussed how it affects each business development and enforcement to the businesses through FY 13-14. The City of Cupertino is obligated by the State of California to reduce the amount of litter entering storm drains to ZERO by 2022. The City has instituted this litter ordinance as a guideline for residents and businesses to help the City achieve this goal. It is now against the law to litter in Cupertino! This includes all public and private property, vacant property, and streets. Property owners are responsible for any litter appearing on their property, so we encourage them to tell customers and employees to put trash in the proper place. Litter violations are met with a \$100 fine. This includes food waste and cigarette butts. Terms of the ordinance include:
- It is against the law for members of the public to collect garbage or recyclables from public or private waste containers. No one should be taking anything out of others' dumpsters, unless they are a City employee and the action is within the scope of their duties.
 - It is against the law to drive or move an open vehicle or trailer within the City unless the material is covered or otherwise loaded to

prevent litter from being blown out of the vehicle.

- Dumpster lids must be kept closed at all times. Dumpsters cannot be overflowing. If dumpsters are often overflowing, garbage service at that location may need to be changed to prevent this.
- Property owners and tenants must keep their premises free of litter, including parking lots, loading dock areas, sidewalks, landscaping, and any other areas of a property up to the street curb.
- Businesses placing trash containers placed outside for public use must share in maintaining them so they do not overflow and that the area outside a business and neighbors is free of litter. Employees should be assigned to check these containers regularly to make sure they do not overflow.
- If there is a specific area where patrons and/or employees habitually smoke cigarettes on breaks, etc., businesses must provide proper receptacles and ensure that no butts get left on the ground.

Watershed Education & Outreach (WE&O) Ad Hoc Committee - A wide range of pollution prevention messages were implemented in the multi-media campaign, scheduled for seasonality and to achieve the messaging goals for using less toxic pest control, hiring IPM-trained professionals, promoting the Green Gardener program, proper disposal of household hazardous waste, preventing litter, and using a commercial car wash. The frequency-based media plan helped to keep the Campaign messages continually present with local audiences.

Our Water Our World IPM Store Partnership, and Zero Litter Initiative (ZLI) - Activities to address litter surrounding the trash enclosures, and right-sizing MFR and commercial containers. City staff participated in Countywide Zero Litter Initiative Workshops to develop common messages to eliminate litter by educating businesses, organizations, residents and contracted haulers.

Green Business Program: As part of the City's GreenBiz Cupertino program, 44 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.

Enviroscape: The City utilizes its Enviroscape to educate children and adults about our watershed and protecting the waterways from pollution. The City's environmental team, Acterra, the City's creek education program and others that are interested use this demonstration tool 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.

Zero Litter Initiative (ZLI): The Santa Clara Valley Zero Litter Initiative (ZLI) is a coalition of stakeholders and agency representatives committed to eliminating litter and littering throughout Santa Clara County. Its focus is on litter control and prevention along freeways, local streets, multi-family residences/complexes and commercial businesses to prevent litter from impacting or community creeks and waterways. The group developed a

work plan based on an initial workshop in 2012; then in 2013 it identified a key role for itself as convening diverse and relevant parties to confront important sources of litter. City staff participates in the ZLI committee meetings and workshops. The objective of the Committee has been to develop common messages to eliminate litter by educating commercial businesses, multi-family households/complexes, property managers and garbage and recycling haulers. The task is to educate how to keep properties clean and to comply with environmental regulations, featuring properties that have overcome recycling challenges. 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 ZLI held a very successful Workshop on May 13, 2014.

Additional City Projects/Campaigns:

- City installed 53 full trash capture devices on Stevens Creek Blvd. from Portal Ave. to HWY 85 ramps, utilizing unused funds that were set aside for a prior full trash Capture installation project.
- Hosted an art contest for Cupertino students on the matter of waste. Six winners' artwork will be applied to reusable bags and will be made available to the community this fall as a form of outreach around reducing single use plastic bags and waste reduction.
- Installed 167 storm drain medallion markers throughout the City.
- Community volunteers removed 300 gallons of litter from creeks during citywide events.

C.7.b.iii.1 ► Pre-Campaign Survey

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

Information on the pre-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the FY11-12 Annual Report.

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

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

C.7.b.iii.2 ► Post-Campaign Survey

(For the Annual Report following the post-campaign survey) Discuss the campaigns and the measureable changes in awareness and behavior achieved. Provide an update of outreach strategies based on the survey results. If survey was done regionally, refer to a regional submittal that contains the following information:

Information on the post-campaign survey for the BASMAA Regional Youth Litter Campaign is provided in the BASMAA FY 13-14 Annual Report.

Information on the SCVURPPPP 2014 Public Opinion Survey is included in the Program's FY 13-14 Annual Report.

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

	Survey report attached
X	Reference to regional submittal:

C.7.c ► Media Relations

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

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

Summary:

Please review the separate report developed by BASMAA, which summarizes media relations efforts conducted during FY 13-14: This report and any other media relations efforts conducted by the Program are included within the C.7 Public Information and Outreach section of the Program's FY 13-14 Annual Report."

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

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

Cupertino Reusable Bag Ordinance TV Spots (2 spots) – aired 15 times weekly from Aug. 2013 – Dec. 2013

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

Santa Clara County Home Energy Upgrade PSA (Acterra) (60 seconds) – 5 times weekly

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

PSA – Save the Bay (Plastic Bag Pollution) (airs four times a week)

Earth Day 2009 Spot – Acterra (airs once a week)

Earth Day 2009 Spot – Department of Environmental Health (airs once a week)

Earth Day 2009 Spot – Heifer (airs once a week)

Earth Day 2009 Spot – Lawson eClub (airs once a week)

Earth Day 2009 Spot – Permanente (airs once a week)

Earth Day 2009 Spot – PG&E (airs once a week)

Earth Day 2009 Spot – YMCA (airs once a week)

Earth Day 2010 Spot – Current Moves (airs three times a week)
Earth Day 2010 Spot – Environmental Services (Non-Point Source Pollution) (airs three times a week)
Earth Day 2010 Spot – McClellan Ranch Nature Programs (airs three times a week)
Earth Day 2010 Spot – SCVWD (airs three times a week)
Earth Day 2010 Spot – SunPods (airs three times a week)
Earth Day 2010 Spot – WV Greenleaf (airs three times a week)
Earth Day 2010 Spot – 511.org (airs three times a week)
Earth Day 2011 Spot – Acterra (airs four times a week)
Earth Day 2011 Spot – CNPS (airs four times a week)
Earth Day 2011 Spot – Energy Upgrade (airs four times a week)
Earth Day 2011 Spot – Green Steaders (airs four times a week)
Earth Day 2011 Spot – Sun Work (airs four times a week)
Earth Day 2012 Spot – Coda: Energy Efficient Vehicles (airs five times a week)
Earth Day 2012 Spot – McClellan Ranch Preserve Programs (airs five times a week)
Earth Day 2012 Spot – City of Cupertino Trees Program (airs five times a week)
Earth Day 2012 Spot – Yamagami Nursery (airs five times a week)
Earth Day 2012 Spot – Environmental Video Games (airs five times a week)
Earth Day 2013 Spot – Acterra (airs five times a week)
Earth Day 2013 Spot – Cupertino Trees (airs five times a week)
Earth Day 2013 Spot – Monta Vista Market (airs five times a week)
Earth Day 2013 Spot – Weathertrak (airs five times a week)
Earth Day 2014 Spot – Street Trees (airs five times a week)
Earth Day 2014 Spot – Xeriscape (airs five times a week)
Energy Audit 2010 PSA (airs once a week)
Five Cheeses Music Video (airs once week)
City of Cupertino Marina Foods EPA Award Press Conference (airs once a week)

AD COUNCIL ENERGY TV PSA'S (each spot airs twice a week)

PSA-AD Energy-April 15.mxf

PSA-AD Energy-April 30.mxf

PSA-AD Energy-Energy Savers 15.mxf

PSA-AD Energy-Energy Savers 30.mxf

PSA-AD Energy-Everyone 10.mxf

PSA-AD Energy-Everyone 15.mxf

PSA-AD Energy-Everyone 30.mxf

PSA-AD Energy-Hog Commandos 30.mxf

PSA-AD Energy-Hog Commandos 60.mxf

PSA-AD Energy-Magic 10.mxf

PSA-AD Energy-Magic 15.mxf

PSA-AD Energy-Magic 30.mxf

PSA-AD Energy-Magical Things 15.mxf

PSA-AD Energy-Magical Things 30.mxf

PSA-AD Energy-Malcolm 15.mxf

PSA-AD Energy-Malcolm 30.mxf

PSA-AD Recycling-Journey 60.mxf

PSA-AD Recycling-Journey 30.mxf

PSA-AD Recycling-Stadium 15.mxf

PSA – EPA – Leaf 60 (airs twice a week)

PSA – EPA – Little Flower 60 (airs twice a week)

AD COUNCIL ENERGY TV PSA'S (each spot airs five times a week) (new PSAs for 2012)

PSA-AD Energy Efficiency 30.mxf

PSA-AD Energy Efficiency 15.mxf

PSA-AD Energy Cliff 30.mxf

PSA-AD Energy Cliff 15.mxf

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

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

The Habitable Planet: A Systems Approach to Environmental Science – PBS Series (13 half-hour shows) This series begins with an overview of the Earth's systems--geophysical, atmospheric, oceanic, and ecosystems--as they exist independently of human influence. Following this introduction, the course explores the effect that human activities have on the different natural systems. Topics include human population growth and resource use, increasing competition for fresh water, and climate change. Each of the 13 programs features two case studies following top scientists in the field. (Airs four times a year on The City Channel.)

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

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

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

Reusable Bag PSA – 3 times daily (average)

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

LOCALLY PRODUCED RADIO SPOTS (IN REGULAR ROTATION)*

Acterra PSA Feb 2014 – 25 times a day

Apple E-Waste Facility New Location 2014 – 25 times a day

Cupertino Green Home/Work Tips (Spots 1 through 17) - 25 times a day

Cupertino Drought Awareness 2014 Spots (12 spots) – 25 times a day
Fluorescent Bulb Recycling PSA – 25 times a day (airs for the entire year)
Electronic Waste Event PSAs – 25 times a day (promotes four events per year)
Compost Pickup PSA – 25 times a day (airs between March and October)
Cupertino Tree Removal Protection PSA – 25 times a day
Reusable Bag Ordinance Radio Spots (2 spots) – aired 25 times a day from August – Dec. 2013

Digital Signage (Scala) Environmental Subject Slides
(Playing in the Lobby of City Hall and Quinlan Center)

Support Green Business-Continuous
Green Gardener- 9/9/14
Computer E-Waste- Continuous
Styrofoam-Continuous
Paint Recycling-Continuous
Compost-Continuous
Clean Zone-?

Cupertino Scene Articles:

- July/August 2013
 - Compost Site Open July 4th Weekend
 - Use Reusable Bags in Cupertino
 - Computer Recycling
 - Free Compost Classes in Cupertino – September 7th & November 2nd
 - Eight Easy Tips for Preventing Waste
 - Creek Cleanup Event – September 21st
- September 2013
 - Waste Management's At Your Door Service for Household Hazardous Waste
 - Document Shredding Event: Saturday October 26
 - Need to Drain Your Pool?
 - Free Compost Classes in Cupertino
 - Creek Clean Up Event
 - Reusable Bag Ordinance at a Glance
- October 2013
 - Last chance for compost
 - Environmental Recycling Day
 - Free Compost Classes
 - Volunteers-World Water Monitoring Day
 - Flood Preparation
 - On-Call Pick Up Program Details (recologysouthbay.com)

- Ad/Graphic: Starting Oct. 1, 2013, Shop Cupertino with Reusable Bags
- November 2013
 - Ad/Graphic of Bag Ordinance Banner: Starting Oct. 1, 2013, Shop Cupertino with Reusable Bags
 - Cupertino Shops with Reusable Bags
 - Thanksgiving Will Affect Garbage Pickup Dates
 - Moving – Apple E-Waste Collection Facility on Bubb Road
 - Did the Garbage Company Miss a Pickup
 - Are You Sure That's Garbage?
 - Winter Wood Burning Tips
 - Almost Everything can be Recycled or Composted! Reduce Reuse Recycle Rethink
 - Pesticides and Water Quality
 - Fall Leaf Collection
- December 2013
 - Moving – Apple E-Waste Collection Facility on Bubb Road
 - Cupertino Considers Prohibiting EPS Foam Food Ware
 - Recycling During the Holidays
 - Extra Holiday Trash
 - Got Ants? Stop Them at the Source This Rainy Season!
 - First Environmental Recycling Day & Document Shredding Event of 2014
- March 2014
 - Student Bag Art Contest Advertisement
 - 6th Annual Earth Day Festival
 - Cupertino City Council Addresses EPS (Styrofoam)
 - Free Compost Class in Cupertino Ad
 - Santa Clara Valley Water District's NEW High Efficiency Toilet Rebate Program
 - End Cigarette Litter or Pay the Price
 - Street Sweeping Keeps Our Creeks Clean
- April 2014
 - Free Compost Available!
 - Environmental Recycling & Document Shredding Day
 - Keep Our Creeks Clean on Saturday, May 17
 - Prevent Unintentional Harm to Wildlife
 - Water-Wise Gardening
 - Green Gardeners Exercise Caution When Choosing Pesticides
- May 2014
 - 8 Easy Tips to Protect Cupertino's Water Quality
 - Environmental Recycling & Document Shredding Day
 - Clean Up Our Creeks! Saturday, May 17
 - Apple's E-Waste Recycling Facility Has Moved

- June 2014
 - Turn Food Scraps into a Garden Treasure
 - Cupertino Will Become a Clean Zone – No Butts About It
 - 2014 Garage Sale Date Set
 - A Cleaner Cupertino – It's in the Bag
 - What Do You Do with Household Hazardous Waste?
 - Keep Our Creeks Flowing
 - Congrats to the Winners of the A Cleaner Cupertino Student Art Contest!
- July 2014
 - Citywide Garage Sale is Coming!
 - Curious about Cupertino's Creeks?
 - October 4 – Free Compost Class in Cupertino
 - Keep Trash Storage Areas Clean to Protect Our Creeks and Bay
 - Apple's E-waste Recycling Facility Has Moved
 - How does garbage from trash collection areas and waste containers pollute San Francisco Bay?

Silicon Valley Community Newspapers (Cupertino Courier)

- August 30, 21013
 - Help clean up Calabazas Creek Sept. 21 (Article in News/Briefs section)
- November 1, 2013
 - Free compost classes in Cupertino
- November 23, 2013
 - Thanksgiving will affect garbage pickup
- January 3, 2014
 - Cupertino e-waste facility moves to Sunnyvale
- January 10, 2014
 - Cupertino's Environmental Recycling & Shred It Event (Ad for Jan. 18)
- January 17, 2014
 - Cupertino's Environmental Recycling & Shred It Event (Ad)
 - Cupertino Leaders Will Consider Ban on Styrofoam at Jan. 21 Meeting
- May 9, 2014
 - Post-it Ad for Environmental Shred-It Day
 - Join others to clean up local creeks
- May 19, 2014
 - Join others to clean up local creeks (Ad for May 17 Nat'l River Clean Up)
- June 27, 2014
 - Cupertino's Ban on EPS Containers Officially Goes into Effect July 1

BioCycle Magazine

- January 2014
 - City of Cupertino receives U.S. EPA Innovation Award for integrating its ambitious food waste reduction goals with waste hauler

(Molly Farrell Tucker)

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 13-14:

 No changes were made to Cupertino's program.

C.7.e ► Public Outreach Events

Program staff, the Watershed Watch consultant, and Co-permittees staffed eight outreach events in FY 13-14. Events were selected based upon target audience and attendance. Materials distributed at the events included the following: Less Toxic Pest Management fact sheets, "10 Most Wanted Backyard Bugs" brochures, "Don't Plant a Pest" brochure, "You are the Solution to Water Pollution" brochures, "Clean Cars & Clean Creeks" brochure, "Mercury in Fish" brochure, and giveaways (e.g. flyswatters, OWOW magnets, , and temporary tattoos). The flyswatters have the Watershed Watch website and hotline number and the words "The Original Earth-Friendly Pest Control" printed on them. The Campaign also continued using QR codes ("Quick Response" codes) in printed materials. These codes have URLs embedded in them and when scanned with smart phones direct users to specific web pages. This was targeted at people that are reluctant to collect paper materials and only want to look up information online. The bean bag game for children was used at most of the events. Event staff distributed approximately 3,000 outreach materials and giveaways.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Name: EPS Foam Food Ware Alternatives Vendor Fair Date: August 6, 2013 Location: City of Sunnyvale Region: Cupertino, Los Altos, Mountain View & Sunnyvale	This event was designed to help attendees learn about alternative containers, meet vendors and get free samples, and talk with restaurant owners who have already switched from foam containers to an alternative.	General Feedback: Estimated Overall Event Attendance: 25 Number of Vendors in Attendance: 17
Name: Drug Disposal & Thermometer Exchange Date: 9/16/13 Location: Cupertino Senior Center Region: Local	Type of Event: Drop off unused and expired drugs and mercury thermometers for safe disposal in conjunction with National Pollution Prevention Week (P2 Week).	General Feedback: Estimated Overall Event Attendance: 80 Pharmaceuticals Collected: 100 pounds Mercury Thermometers Collected: 50

<p>Name: Silicon Valley Fall Festival Location: Memorial Park, Cupertino Date: 9/21/13 Region: Local</p>	<p>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.</p>	<p>General Feedback: The event was very well attended through the morning activities, however it rained throughout the second half on the day. 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: 5,000 visitors Visitors at Booth: 240 Number of Litter Recycling Quizzes Completed: 78</p>
<p>Name: Cupertino's Environmental Recycling Days Dates: 10/26/13, 1/18/14, 5/17/14 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: 1,472 Pounds collected: 94,498</p>

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<p>Name: Pumpkins in the Park Date: October 12, 2013 Location: Guadalupe River Park/Discovery Meadow, San José Region: Countywide <i>Cupertino Staff participated in the Event</i></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: 216 Number of Giveaways Distributed: 694 Number of Watershed Watch Discount Cards Distributed: 141 Number of kids that played the bean bag game: 299</p>
<p>Name: Haunt the Hollow Date: October 27, 2013 Location: Happy Hollow Park & Zoo at Kelley Park, San José Region: Countywide <i>Cupertino Staff participated in the event</i></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 bean bag game. Estimated Overall Event Attendance: 5,000 Number of Brochures/Flyers Distributed: 140 Number of Giveaways Distributed: 770 Number of Watershed Watch Discount Cards Distributed: 81 Number of kids that played the bean bag game: 342</p>
<p>Name: San José Trash Summit Date: November 15, 2013 Location: San José Convention Center Region: Countywide</p>	<p>Type of Event: BE the Street event Audience: Municipal staff, non-profit organization staff, general public Messages: Litter Prevention</p>	<p>General Feedback: The event offered a good opportunity to reach municipal staff and general public interested in issues pertaining to litter prevention. The BASMAA Be the Street photo booth was used at this event and approximately 50 attendees posed for pictures. Estimated Overall Event Attendance: 500-1,000</p>

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<p>Name: Cupertino's 5th Annual Earth Day Date: 4/5/14 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: 246 Reusable Bags: 750</p>
<p>Name: Mission College Eco Fair Date: April 17, 2014 Location: Mission College Campus, Santa Clara Region: Local</p>	<p>Type of Event: College event Audience: Young adults, students Messages: Stormwater pollution prevention and proper disposal of HHW</p>	<p>General Feedback: The event was well organized and a good place to reach young adults. Estimated Overall Event Attendance: 500-1,000 Number of Brochures/Flyers Distributed: 87 Number of Giveaways Distributed: 89 Number of Watershed Watch Discount Cards Distributed: 45 Number of kids that played the bean bag game: 20</p>
<p>Name: Cupertino Day Date: 5/3/14 Location: Blackberry Farm Region: Local</p>	<p>Type of Event: Reopen of the season at Blackberry Farm. Message: Proper Waste Disposal</p>	<p>General Feedback. Event was not heavily attended. Number of Bags Distributed: 99 bags & 25 "got your bags?" window stickers</p>

<p>Name: San José Trash Summit Date: November 15, 2013 Location: San José Convention Center Region: Countywide</p>	<p>Type of Event: BE the Street event Audience: Municipal staff, non-profit organization staff, general public Messages: Litter Prevention</p>	<p>General Feedback: The event offered a good opportunity to reach municipal staff and general public interested in issues pertaining to litter prevention. The BASMAA Be the Street photo booth was used at this event and approximately 50 attendees posed for pictures. Estimated Overall Event Attendance: 500-1,000</p>
<p>Name: Watershed Watch "half-off" two hour Car Wash Event Date: May 21 2014 Location: Capitol Premier Car Wash, 735 Capitol Expressway Auto Mall, San José Region: Countywide</p>	<p>Type of Event: Car Wash Audience: Car wash customers Messages: Stormwater pollution prevention and 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: 50 car washes Number of Brochures/Flyers Distributed: 2 Number of Watershed Watch Discount Cards Distributed: 92</p>
<p>Name: Watershed Watch "half-off" two hour Car Wash Event Date: June 4, 2014 Location: Delta Queen Classic Car Wash, 981 E Hamilton Avenue, Campbell 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: 100 car washes Number of Brochures/Flyers Distributed: 23 Number of Watershed Watch Discount Cards Distributed: 74</p>

<p>Name: Festival in the Park Date: June 7, 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: 3,500-4,000 Number of Brochures/Flyers Distributed: 143 Number of Giveaways Distributed: 415 Number of Watershed Watch Discount Cards Distributed: 62 Number of kids that played the bean bag game: 155</p>
<p>Name: Watershed Watch "half-off" two hour Car Wash Event Date: June 11, 2014 Location: Robertsville Classic Car Wash, 5005 Almaden Exp., San José Region: Countywide <i>Cupertino Staff participated in this event.</i></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: 100 car washes Number of Brochures/Flyers Distributed: 56 Number of Watershed Watch Discount Cards Distributed: 85</p>

C.7.f. ► Watershed Stewardship Collaborative Efforts

Summary:
During FY 13-14, the Program actively supported the Santa Clara Basin Watershed Initiative, including the Land Use Subgroup, and the Santa Clara Valley Zero Litter Initiative. Information on these efforts is included within the C.7 Public Information and Outreach section of the Program's FY 13-14 Annual Report.

The Environmental Programs Manager was appointed Chair of the RWRC TAC until December 2013 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 and Program Assistant are active members of the Santa Clara County Zero Waste committee and participated in the Zero Litter Roundtable Discussions.

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

C.7.g. ► Citizen Involvement Events

The Program provided funding for the following citizen involvement events:

- 1) National River Clean up Day – The Program supports the involvement of Santa Clara County citizens by providing advertising support for the National River Clean-up Day.
- 2) Citizen involvement events at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) – A number of citizen involvement and stewardship programs are conducted as part of the Program funded Watershed Watchers Program at the Refuge. Participants usually work in the Refuge gardens planting native plants, pulling non-native plants, and mulching. More details are included in the Watershed Watchers Report in the Program Annual Report Appendix 7-8.

Event Details	Description	Evaluation of effectiveness
Name: Summer of Service Program Date: 7/10/13, 7/25/13, 8/8/13, 6/25/14 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 7/10/13: 10 middle school students, 1 high school student, and 2 adults. Number of attendees on /25/13: 11 middle school students, 1 high school student and 2 adults. Number of attendees on 8/8/13: 10 middle school students, 1 high school student and 2 adults. Number of attendees on 6/25/14: 16 middle school students, and 2 adults.
Name: Thermometer Exchange & Safe Drug Disposal Event Date: 9/16/13 Location: Cupertino Senior Center Region: Local	Type of Event: Mercury Thermometer Exchange & Safe Disposal of Medication During Pollution Prevention Week	Estimated Overall Event Attendance: 80 Number of Brochures Distributed: 0 Pharmaceutical Collected: 171.5 pounds Mercury Thermometers Collected: 53 Reusable Bags given away: 80 Participants Surveyed: 0
Name: Coastal Cleanup Day Date: 9/21/13 Location: Calabazas & Regnart Creek at Creekside Park Focus: Local	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.	A total of 67 volunteers participated in cleaning and removed approximately 45.5 pounds of trash and 58.5 pounds of recyclables from creeks.

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<p>Name: Cupertino's World Water Monitoring Day Monitoring by Acterra & City of Cupertino Date: 10/12/13 Location: Blackberry Farm-Stevens Creek Focus: Local</p>	<p>Volunteers tested for dissolved oxygen, pH, turbidity (clarity) and temperature. Participants also checked for biomonitoring by identifying pollution-tolerant bugs in the creek. Results from the day were shared with communities around the world.</p> <p>While participating in this event, volunteers learned more about the watershed in which they live, how watersheds work and what they can do to protect important creek habitats.</p>	<p>General Feedback: Provides environmental education through stewardship. Estimated Overall Event Attendance: 50 Number of Brochures Distributed: 25</p>
<p>Name: Community Service Days/Gardening Without Chemicals Date: 11/23/13, 12/7/13, 2/8/14, 2/22/14, 3/15/14, 4/23/14, 5/13/14, 5/15/14, 5/20/14, 5/31/14 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide</p>	<p>This is an open day for the corporate groups, schools groups or the general public to work in the gardens planning native plants, pulling non-native plants, and mulching.</p>	
<p>Name: Junior Girl Scout Troop # 60651 Stevens Creek Elementary Date: 4/10/14 Location: Cupertino City Hall Focus: Local</p>	<p>City staff helped the 4th grade Girl Scouts from Creek Elementary School with launching a zero waste program.</p> <p>Girl Scout troop made a presentation to City Staff, which included both their best practices findings and their recommendations.</p>	
<p>Name: National River Cleanup Day Date: 5/17/14 Location: Various locations throughout the County Focus: Countywide</p>	<p>In FY 13-14, the Creek Connections Action Group sponsored two creek clean-up events: California Coastal Clean-up Day on September 21, 2013 and National River Clean-up Day on May 17, 2014. The Program provided funding for the National Rivers Clean-up Day advertising.</p>	<p>On National River Cleanup Day, a total of 1,176 volunteers participated in cleaning 51 sites and removed approximately 28,812 pounds of trash and 4,247 pounds of recyclables from creeks.</p>
<p>Name: Bike to Work Week Date: 5/5/14 – 5/9/14 Location: throughout Cupertino Focus: Santa Clara County/Local</p>	<p>Type of Event: 20th Bike to Work week is an event to promote alternative commuting, focused on improving air quality, reducing petroleum and consumption. Organizer: Silicon Valley Bicycle Coalition & the City of Cupertino.</p>	<p>Estimated Overall Event Attendance: 11 City employees biked/walked 163 alternative miles. Adding alternative transit increases total vehicle mileage savings to \$226.</p> <p>In addition, Cupertino hosted an energizer</p>

	<p>Audience: employees working in the City of Cupertino (including Cupertino staff), pass-through commuters.</p> <p>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.</p> <p>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>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: National River Cleanup Day Date: 5/17/14 Location: Calabazas & Regnart Creek Focus: Cupertino</p>	<p>Type of Event: Citizen Clean Up Event Message: Host annual creek clean-up for local residents to encourage protection of watersheds. Teach volunteers to conduct trash tallying and monitoring, to categorize and quantify types of trash and likely sources.</p>	<p>General Feedback: Good attendance, and successful event. Estimated Distance of creek cleaned : 2.0 miles Overall Event Attendance: 66 Removed 445 lbs out of the creek Surveys: 36</p>
<p>Name: Bethel Lutheran Church Clean Up Date: 6/29/14 Location: Calabazas Creek at the Water District Access Gate on Vallco Parkway 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: Number of Bags Collected: 4 16 -gallon bags (64 gallons) 0.36873 cubic feet</p>

C.7.h. ► School-Age Children Outreach

Table 7-3: School-Age Children Outreach (C.7.h.)

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 7-8. The Final ZunZun Report and Teacher Evaluation Report are included in the Program Annual Report Appendix 7-9.

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.	13,613 students	ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 177 completed evaluation cards from teachers. Overall, the feedback was positive and indicates an increase in the students' knowledge about watersheds and pollution prevention. A few highlights of the evaluations are: <ul style="list-style-type: none"> • 20 teachers indicated that after the performance, 25% of their students knew what a watershed was; 29 teachers indicated that 50% of their students knew what a watershed was; 35 teachers indicated that 75% of their students knew what a watershed was, and 30 teachers reported that 100% of their students knew what a watershed was. • 9 teachers indicated that after the performance, 50% of their students could name a way to prevent pollution in the watershed; 31 teachers indicated that 75% of their students could name a way to prevent pollution in the watershed; and 71 teachers indicated that 100% of

			their students could name a way to prevent pollution in the watershed.
Name: Watershed Watchers Program at Don Edwards Wildlife Refuge in Alviso Grade or level: pre-school, elementary, middle, high school	The Refuge offers a number of interpretive programs to educate children and youth about preventing urban runoff pollution.	124 pre-kindergarteners, 1423 elementary school students, 128 middle school students, and 109 high school students	Visitor Surveys are used to determine visitor demographics, effectiveness of publicity, and the effectiveness of the Watershed Watchers Program. In addition, an "Urban Runoff Bead Drop" display is used to record actions (e.g., pick up litter, spread the word, take car to car wash) that children promise to do the help keep storm drains clean. Results of both these evaluation mechanisms are summarized in the Watershed Watchers Fourth Quarter Report included in the Program Annual Report Appendix 7-8.
Name: Garden insect & pesticide alternatives information table at community events Grade: Adults & Children Location: Blackberry Farm & Community Hall Plaza	City naturalist set up hands-on insect display table at Santa Clara Valley Audubon Society's Wildlife Education Day and at Cupertino's Earth Day to familiarize children and adults with common garden insects and spiders, learn about the beneficial aspect of some insects and spiders and to introduce alternative pest control materials.	900	General Feedback: This program was 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 & Biology 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	230	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.

	water discharge into creeks was included as part of general discussion of watershed concepts.		
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.	390	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 five sessions of Nature Camp and four sessions of Summer Science took part in a presentations and activities related to water quality and watershed health.	270	Hands-on science activities, nature activities, presentations and storytelling explore issues related to watersheds and water quality. This year more emphasis was placed on water use reduction and drought issues and on protection of ground water quality.
Name: 4H Entomology Project Grade Level: Elementary -1 st – 10 th grade Location: McClellan Ranch	City naturalist met with 4-H members during four 1 1/2hour sessions to learn about insects, insect identification, life cycles, ecological importance, and control alternatives. 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.	14 95	General Feedback: This program is effective in helping children overcome fears of insects, develop competency in insect identification, learn ecological importance of insects, and be introduced to some non-toxic pest control alternatives.
Name: Acterra/Cupertino World Water Monitoring Challenge Date: October 12, 2013 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.	Attendance: 50 participants	General Feedback: This event is a lot of fun and provides watershed education to folks of all ages.
Name: Green @ Schools Locations: Cupertino Middle Schools	Educating Cupertino middle school students on proper recycling, sorting and identifying HHW items in the	2 Middle Schools	General Feedback: The event was very informative and fun. Attendance: 60 students Distributed Reusable Bags

Focus: Local	household.		
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Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary

During FY 13-14, the City of Cupertino participated in the BASMAA Regional Monitoring Coalition (RMC) and conducted monitoring consistent with the MRP through the Santa Clara Valley Program. In addition, the City contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and was represented at RMP committees and work groups. 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 Santa Clara Program's FY 13-14 Annual Report and the Integrated Monitoring Report, submitted to the Water Board on March 15, 2014.

The City participated in its third Annual World Water Monitoring Day Event on October 12, 2013. Students and volunteers tested for dissolved oxygen, pH, turbidity (clarity) and temperature. Participants also performed biomonitoring by identifying pollution-tolerant bugs in Stevens 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's Naturalist, the City's Park and Recreation staff, and Acterra staff participate in frequent community events and educational programs at McClellan Ranch, City facilities, and Cupertino schools to show parents, students, and faculty how to identify creek bugs they collected. Some bugs are known to be pollution sensitive while others are quite tolerant. The types and numbers of bugs found at a particular site can tell much about habitat quality. Participants used fun color-changing kits to collect data on water temperature, pH, dissolved oxygen, and turbidity for habitat analysis. Students were given hands-on opportunities to monitor water quality and conduct streamside assessments 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 2014 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 10, 2014. (See attached signed policy requiring an integrated pest management approach to pest control at All City-maintained facilities and on City property.)

Trends in Quantities and Types of Pesticides Used⁴⁸

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

The City does not use organophosphates, pyrethroids, or carbaryl for pest control. Use of fipronil for ants was discontinued in FY 2010-2011.

In FY 13-14, two applications of flutolanil (Prostar) were applied at Blackberry Farm Golf Course at the rate of 2.1 ounces per thousand square feet to eradicate Waitea Brown Ring Patch. The City' contracting Golf Course Superintendent uses the San Francisco list of approved pesticides as a guideline to make decisions on which products he uses. The Golf Course Superintendent is also a certified pest control advisor with years of IPM experience. He based his decision to use flutolanil this year on his previous use of the chemical and Prostar when it was on the SF list of approved pesticides. The Golf Course Superintendent is looking for an equally effective alternative to fipronil that is on the San Francisco list.

⁴⁸ Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁴⁹ 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, bifenthrin, beta-cyfluthrin, bioallethrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, fenpropathrin, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (d-phenothrin), tau-fluvalinate, tefluthrin, tetramethrin, tralomethrin, cis-permethrin, and zeta-cypermethrin.

At the annual IPM City training staff reviewed the City's IPM policy and the San Francisco Pesticide Use Report with Pest Control Operators and City staff. The Golf Course Superintendent will review the SF Pesticide Use Report prior to making any applications.

**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 (0.025 mg) was used during FY 13-14 for rats. 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.

***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 installed drip systems throughout all City property.

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.

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

Active Ingredient	Target Pest	On SF list	Location	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Alkylphenol Ethoxylate	Aphid	No	Trees	.310	0	0	0
Difethialone **	Rats	No	Facilities	27 Boxes/95.5 mg	340.2 mg**	0.030 (rats)	.025 (rats)
Dinotefuran	Aphids	No	Trees	1.5 lbs	0	0	0
FeHedta***	Weeds	No	Parks	0	0	.720	0
Flutolanil*	Greens	No	Golf	0	0	0	4.2 oz
Glyphosate (Roundup)****	Weeds	Yes	Various	179.5	225.230	265.06	186.576
Halosulfuron-methyl	Weeds	No	Golf	.004	0	0	0
Imidacloprid	Aphids	Yes	Trees	.030	0	0	0
Indoxacarb	Ants	Yes	Facilities	.250	0	0	0
Iprodione	Greens	Yes	Golf	0	0	0	9.060
Iron Hedta	Weeds	Yes	Parks	0	0	2.400	3.84
Isoxaben****	Weeds	No	Medians	1.5	11.824	2.250	.750
Oryzalin (Surflan)****	Weeds	No	Medians	108.626	139.217	110.620	60.0
PCNB	Fungus	No	Golf	0	0	0	3.0

Pendimethalin	Weeds	Yes	Parks	2.8	0	0	116
Penoxsulam	Weeds	Yes	Golf	0	0	.040	.040
Phenethyl Propionate/Thyme Oil	Ants	No	Facilities	.750	0	0	0
Propylene Glycol	Aphids	No	Trees	.186	0	0	0

C.9.c ► Train Municipal Employees	
Number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	18
Number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	35
City Staff Pesticide Users:	
October 15, 2013 - All City staff with a Qualified Applicator License and who have Qualified Applicator Certification attended IPM and chemical controls training.	12
April 16, 2014, Grounds Maintenance Supervisor attended a CAPA IPM course.	1
March 11, 2014, Public Works Grounds Maintenance employees attended a Santa Clara County Ag Dept IPM class	2
June 10, 2014 - Annual City staff and contractor IPM training meeting. The three supervisors that the City's 18 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 is trained annually. The annual training meeting was facilitated by the Environmental Programs Manager. The City's Grounds, Facilities and Trees Supervisors and the City's Facilities and contracted Golf Course Maintenance Superintendent participated. The annual round-table discussion included an update of pest specific plans.	11
Pesticide Applicators - Contractors attended	
December 12, 2013 - Pesticide Applicators Professional Association – California Structural Board	1
February 4-6, 2014 - IPM Disease & Vertebrate Control	1

April 1, 2014 - Pesticide Applicators Professional Association – California Structural Board	1
April 14, 2014 - BASF IPM Dallas, Texas (8 hours) IPM Superintendent Resistant Management Training	3
June 10, 2014 - Annual City staff and contractor IPM training	1

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:

- Contract specifications that require adherence to your IPM policy and standard operating procedures, OR
- Copy(ies) of the contractors' IPM certification(s) or equivalent, OR
- X** Equivalent documentation.

If Not attached, explain:

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 and consider new practices. Signed IPM policies are attached.

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

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

Summary:

During FY 13-14, the City participated in regulatory processes related to pesticides through contributions to the Santa Clara Program, BASMAA and CASQA. For additional information, see the Regional 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
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If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.

There were no reports of improper use of pesticides within the City during FY 13-14.

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 13-14:

- FY 13-14 Store Employee Training Report (SCVURPPP)
- FY 13-14 Store Employee Training Evaluation Summary (SCVURPPP)
- FY 13-14 Store Employee Training Status Table (SCVURPPP)
- FY 13-14 List of Stores in the IPM Store Partnership Program (SCVURPPP)
- FY 13-14 BASMAA "Our Water, Our World" (OWOW) Report (BASMAA)

See the C.9 Pesticides Toxicity Control section of the SCVURPPP's FY 13-14 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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 13-14:

- FY 13-14 Watershed Watch Campaign Final Report
- FY 13-14 Green Gardener Training Report

See the C.9 Pesticides Toxicity Control section of the SCVURPPP's FY 13-14 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 2014 (see signed statements at the end of this section).



CUPERTINO GREEN

Appendix C.9

**CITY OF CUPERTINO
Environmental Programs Division**

IPM Policy Signed by City's Pest Control Contractors



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

POLICY STATEMENT

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

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

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

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

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

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

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

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

Don Naumann
Contracting Pesticide Applicator Printed Name

6-10-14
Date


Contracting Pesticide Applicator Signature

Section 10 - Provision C.10 Trash Load Reduction

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

Provide the following:

- 1) Descriptions of actions/tasks completed towards achieving the Minimum Full Trash Capture requirement in provision C.10.a.iii. Include the:
 - Total number and types of full capture devices (publicly and privately-owned) installed to-date;
 - Total land area (acres) and land areas within each trash generation category (i.e., very high, high, moderate and low) treated by full capture devices (or other types of devices for non-population based Permittees), in comparison to the MRP-required full capture requirements in Attachment J to the MRP; and,
 - Percentage of jurisdictional land areas with very high, high, moderate and low trash generation rates treated by full capture devices.
- 2) A narrative summary of maintenance activities implemented for each device, group of devices, or device type, including descriptions of typical maintenance frequencies and issues associated with maintaining these devices.

Descriptions of Actions/Tasks (Conducted and Planned):

- 1) In June 2014, The City installed **53** more connector pipe screen full trash capture devices along its highest trash-generating retail area on Stevens Creek Blvd which includes the frontage of De Anza Community College and land around Freeway SR 85 access ramps.
 - Including 53 full-capture devices installed in June, and 52 pipe connector screens installed in 2012 during the City's participation in the Bay Area-wide Trash Capture Demonstration Project, and 2 full capture devices inherited from the City of Sunnyvale's pre-MRP pilot (at the shared border of the cities), Cupertino has **107 full capture** devices. Additionally **11 LID facilities** are installed on C.3 projects in TMAs 1, 2, 3, 4 and 8.
 - One hundred three (**206**) acres are being treated by FTCDs and LID facilities in Cupertino; one hundred twenty-four (**124**) acres in high trash generating areas; fifty-three (**53**) acres in medium trash generating areas; and by proximity to higher trash generating areas, twenty-nine (**29**) acres were treated in low trash generating areas. The City is **required, per Attachment J of the MRP, to treat 64 acres** of retail area.
 - Forty-five percent (**45%**) of the City's high trash generating area has been treated by full capture devices and LID facilities; five percent (**5%**) of its medium generating area has been treated by FTC and LID; and one percent (**1%**) of the low generating area has been treated by FTC and LID because of its proximity to high and medium generating areas.
 - According to the City's full capture and LID map, one hundred (100) acres of re-developed retail and commercial area (at 11 project sites) have been treated with measures which capture litter from private properties onsite. Fifty (50) acres of high trash generating area, twenty-six (26) acres of medium trash generating area, and 24 acres of low generating area have been treated with LID facilities.

Additionally, since municipal code (CMC 9.18.115) was adopted in 2012, the final approval of all Regulated (C.3) new and re-development projects requires developers to install full trash capture devices to collect litter and debris from their project site, prior to connecting to the City's storm drain system. Full trash capture devices that have been approved as meeting the standards set by the San Francisco Bay Regional Water Quality Control Board are deemed as satisfactory for meeting this requirement.

2) **Descriptions of Maintenance Activities:**

Program-wide O & M Verification Program: In FY 3-14, the City of Cupertino participated in the initial development of a Model Trash Full Capture Device Operation and Maintenance (O&M) Verification Program initiated by SCVURPPP. The model program is intended to provide Permittees with a template for documenting O&M procedures, including inspection and maintenance frequencies. Over the course of the next year, the City plans to further document the city-specific O&M verification program by tailoring the Model Program developed by SCVURPPP to incorporate city-specific characteristics/processes.

The City has planned a twice-per-year maintenance schedule for all full capture devices (more often if inspections indicate that it's needed). In fall of 2013, the City entered a vacuum truck sharing agreement with the Town of Los Gatos. Cupertino's public works crew used the Town's new vacuum truck to complete the City's first full-capture maintenance in December 2013. Forty-nine (49) of the 54 inlets with pipe connector screens which were installed before June 2014, were also were fitted with curb screens at the street level to prevent larger litter and debris from entering the drain inlet and clogging the full capture devices. The street level screens are cleaned weekly with a regenerative air (PM-10) sweeper. All streets in high and medium trash generating commercial and retail areas are in "no-parking" zones which ensure that the streets are swept to the curb. To record cleaning practices, an environmental staff person accompanied the maintenance crew in December and photo-documented cleaning of a sampling of (~10) trash capture devices. The maintenance crew's feedback was also noted. They found that two StormTek pipe screen connectors installed on Homestead Road in Cupertino by City of Sunnyvale (pre-MRP) are easier to clean than the United Stormwater pipe connector screens that Cupertino had purchased in October 2012. The StormTek devices can be removed, cleaned and replaced quickly and they allow for quick and efficient vacuuming of the inlet.

In light of the maintenance crew's comments, the City purchased fifty-three (53) StormTek pipe connector screen for its installation of additional full capture devices in high priority litter-generating areas. The City has now installed 107 full-capture devices. The next cleaning with the vacuum truck is scheduled for all drain inlets and all 107 full capture devices during July and August 2014.

As the City crews become accustomed to using the vacuum truck and with the cleaning frequency required for full capture devices, the maintenance schedule may be adjusted.

Current maintenance procedures: Currently drain inlet cleaning with the vacuum truck requires three to four workers and 2 trucks, the vacuum truck, driver and crew to set up the vacuum; and a second truck, driver and crew to set up cones for the safety area and assist with popping grates to inspect the inlet and the device and if vacuuming is not required, to remove small amounts of debris manually. The vacuum truck driver is required to have a special license. The driver of the second truck enters drain inlet ID# into the truck's GIS database and notes if litter was observed outside of the FTCD. The condition of the full-capture devices is recorded along with the legibility of "no dumping flows to creek" medallions or stencils to ensure that repairs are made, if needed, before the next maintenance cycle. Additional details on the City's O&M verification program will be included in our FY 14-15 Annual Report.

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

Provide the volume of material removed during each MRP-required Trash Hot Spot cleanup during each fiscal year, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources in FY 2013-14 to the extent possible.

Trash Hot Spot	FY 13-14 Cleanup Date	Volume of Trash Removed (cubic yards)				Dominant Type(s) of Trash in FY 2013-14	Trash Sources in FY 2013-14 (where possible)
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14		
CUO01	3/12/2014	0.8	0.6	0.2	0.1	Other plastic products, Convenience/Fast Food Items, Styrofoam, Glass pieces, Bottles (plastic or glass), Other	Litter, Trash accumulation, Illegal dumping
CUO02	2/19/2014	0.5	0.8	1.0	0.1	Spray paint cans, Bottles (plastic or glass), Paper and cardboard, Aluminum cans, Glass pieces, Other	Illegal dumping, Other, Litter
Totals		1.3	1.4	1.1	0.1		

C.10.c ► Long-Term Trash Load Reduction Plan	
Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), trash generation maps, control measures, or time schedules identified in your plan.	
Description of Significant Revision(s)	Associated TMA
TMA 2 Addition to Long-Term Plan: 27 full capture devices were installed in TMA 2 in FY 13-14 to treat all areas along Stevens Creek Blvd. Fifty one devices were installed on SCB including the frontage of a community college and several retail centers with restaurants, delis, and grocery stores. The Long Term Plan originally specified <u>partial capture</u> devices (curb inlet screens) would be installed in this TMA on SCB in FY14-15.	TMA 2
TMA 4 Addition to Long-Term Plan: 22 full capture devices were installed in TMA 4 in FY 13-14 to treat all areas along Stevens Creek Blvd. including the frontage of a community college and several retail centers with restaurants, delis, and grocery stores. The Long Term Plan originally specified <u>partial capture</u> devices (curb inlet screens) would be installed in this TMA on SCB in FY14-15.	TMA 4
TMA 5 Addition to Long-Term Plan: 4 full capture devices were installed in FY 13-14 to treat the area around the SR 85 freeway access ramps at Stevens Creek Blvd. (SCB) and on SCB including the frontage of a community college and several retail centers. The Long Term Plan originally specified <u>partial capture</u> devices (curb inlet screens) would be installed with 2 full capture devices at the freeway access ramps on SCB in FY16-17.	TMA 5

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)				
Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.				
Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
Single-use Plastic Bag Ordinance or Policy	The City's Regulation of Single-Use Carryout Bags became effective 10/1/13, banned distribution of single-use plastic bags at all retail (excluding restaurants and non-profits). Recycled paper bags can be made available if retailer charges a minimum of 10 cents. Reusable bags may be given by retailer without charge (currently all grocery stores in Cupertino are charging for reusable bags, some as much as \$0.50). http://www.cupertino.org/index.aspx?page=1154	<p>Method: Monitored total of 1075 customers at all six City grocery markets over the course of ~3 months.</p> <p>Method: Creek cleanup observations of reduction in plastic bags during (2 'hot spot' assessments, 6 Monthly cleanups, and 2 Volunteer cleanups).</p> <p>Assumption: Single use plastic bags have comprised 8% of trash discharged from stormwater conveyances (per BASMAA Regional Trash Generation Study)</p> <p>Calculation: The City used the following formula to estimate the % of trash reduced as a result of implementation: % Trash Reduction = Scope% * Average (Comply% + Cust% + Env%) * BagTrash% <i>Where:</i> <i>Scope% = % reduction of bags distributed as a result of ordinance</i> <i>Comply% = % of businesses complying with ordinance</i> <i>Cust% = % of customers complying with ordinance</i> <i>Env% = % reduction in number of bags observed at cleanups pre- vs. post-ordinance</i> <i>BagTrash% = see Assumption above</i></p>	<p>All stores monitored are complying with the ordinance. Monitoring showed that ~10% of customers purchased paper bags, ~45% used re-usable bags and ~45% no bag. No non-compliance reported in the public feedback received. Creek cleanup observations showed an estimated ~80% reduction of plastic bags.</p> <p>Percentages for Calculation: Scope = 99% Comply = 99% Cust = 91% Env = 80% BagTrash = 8% Cupertino's results = 7.13%</p>	7%

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)				
Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.				
Expanded Polystyrene Food Service Ware Ordinance or Policy	The City's new EPS ordinance became effective July 1, 2014. It prohibits all food vendors in the City from selling or otherwise providing prepared food in polystyrene foam disposable food service ware. City staff visited all 180 of its food establishments and wrote letters to 10 home-based businesses to introduce the new ordinance and ensure that all businesses would be in compliance by the effective date.	<p>Method: Although the City of Cupertino has adopted and implemented an ordinance prohibiting the distribution of EPS food ware by food vendors, evaluations of the effectiveness of the ordinance have not yet been conducted. Compliance is verified during restaurant inspections which comprise about 50% of the City's annual IND inspections. The public and City staff watch for restaurants that are in compliance when visiting these businesses for lunch.</p>		The City is not assuming any reduction for implementing an ordinance on July 1, 2014. The City will report on trash reduction from this measure in FY 14-15.
Public Education and Outreach Programs Targeted at Trash Reduction and Implemented post-MRP Adoption	On behalf of the City of Cupertino, SCVURPPP and BASMAA also implemented public education and outreach actions at the countywide and regional scales that were targeted at reducing the impacts of trash on local water bodies. For descriptions of these activities, please see Section 7 of the Program's Annual Report.	BASMAA conducted post-campaign surveys in FY 13-14 to assess the effectiveness and impacts of their youth litter campaign "Be the Street". The methods used by BASMAA are described in Section 7 of the Program's Annual Report.	Reductions (i.e., trends) in the levels of trash in stormwater discharges that occur as a result of the implementation of public education and outreach campaigns and programs are very difficult to measure. Both the inherent spatial and temporal variability in trash generation and the timeframes by which behavior change occurs as a result of education and outreach largely governs our ability to link this control measure to water quality outcomes. That said, changing littering behaviors is paramount to the long-	1%

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

			<p>term success of trash management programs. As described in Section 7 of the Program's Annual Report, the City of Cupertino has spent significant resources on local, county-wide, and regional public education and outreach programs that are slowly reducing the generation of trash at its source. Based on the results of assessments conducted by BASMAA in FY 13-14 to assess the effectiveness and impacts of their youth litter campaign "Be the Street" (see Program's Section 7), a modest conservative load reduction associated with public education and outreach programs is assumed.</p>	
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C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

<p>Cupertino's Litter Prevention and Enforcement Ordinance (9.18.210P and 9.18.215)</p>	<p>The City has conducted # inspections or site visits to inform business managers and owners about the City's new Litter Prevention and Enforcement Ordinance. The ordinance targets all types of litter (cups, wrappers, cigarette butts etc.) that are likely to be found in retail parking lots and on sidewalks fronting restaurants and retail businesses. Inspectors have told business owners and managers that the City will not be issuing fines until all businesses have been informed directly and in writing about the new law. Business owners and retail property owners are required to keep all parking lot areas and frontage out to and including the sidewalk free of loose litter. New or redeveloped retail projects must provide additional permanently installed, City-approved, outdoor public recycling-trash-food-waste bins to make disposal convenient for pedestrians and customers. The City Council and members of the public that attended a public hearing on the Litter ordinance in January and March 2013, supported engaging businesses and citizens in the effort to reduce litter by adopting this ordinance.</p>	<p>The City will track the violations for loose litter that are discovered during annual commercial and restaurant inspections. Inspectors and staff expect to see a decline in the number of violations for open bin lids, loose parking lot or sidewalk litter, and overflowing containers. In this second year of the ordinance effective date (4-5-13) the ordinance has served as an excellent outreach and communication tool and motivator to encourage businesses to see compliance as a community improvement effort rather than a restriction. The City will develop and refine an assessment method to show the effectiveness of the ordinance in FY 15-16.</p>	<p>The City does not have any results to provide at this time other than to cite communication that has begun with many businesses on this topic and feedback from the businesses on how they plan to keep their property cleaned up. The assessments that were completed in Cupertino at the end of FY 13-14 indicate that the City's highest trash generating areas (retail and commercial areas) have improved in the last fiscal year. Staff has noticed an improvement and considers the Litter Prevention and Enforcement ordinance a motivating force in that improvement.</p>	<p>0% reduction is assumed due to the City's new Litter Prevention and Enforcement ord. at this time.</p>
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C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)

Complete the following trash control measure implementation and assessment summary for each primary trash management area (TMA) identified in your Long-term Plan. Include the following information:

- Identify the total jurisdictional area and the % of that area that generates very high (VH), high (H), moderate (M), or low (L) levels of trash;
- Identify the dominant trash source(s) and dominant type(s) of trash addressed or to-be addressed in the TMA;
- Include the area currently treated by full capture devices, the quantity and type of devices installed to-date, and the % of jurisdictional area that generates very high (VH), high (H), moderate (M), and low (L) levels of trash after accounting for reductions via full capture devices;
- Summarize control measures other than full capture devices implemented to-date, distinguishing between implementation that began pre- and post-MRP effective date. If not implemented in the entire TMA, describe generation category targeted and % of TMA addressed;
- Provide the % of the jurisdictional area that generates very VH, H, M or L levels of trash after accounting for all control measures implemented to-date;
- Describe the methods used to evaluate the effectiveness of control measures other than full capture devices, and any assessment results to-date. If the method was not implemented in the entire TMA, describe generation category targeted and % of TMA addressed; and
- Provide an estimate of the % of trash reduced in the TMA and jurisdiction-wide.

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types	% TMA in Each Trash Generation Category				
				VH	H	M	L	
TMA 1	239	1. pedestrian litter 2. vehicles 3. inadequate container management from food and drink retail businesses, high school students; grocery stores, gas stations, shopping centers, bus stops	Food and drink packaging, wrappers, cups, plastic lids, cigarette butts	Baseline Generation (Pre-MRP)	0%	66%	28%	6%
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account Full Capture Devices	0%	36%	18%	45%
Total Area (Acres)	94	Fifty-two (52) United Stormwater pipe connector screens. Additionally there are three C.3 projects in this TMA with 15 bioretention treatments; 6 vegetated swales; 7 hydrodynamic separators; 7 infiltration trenches; 4 media filters and 1 vortex separator						
% of TMA	39							
% of VH/H/M	42							
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices				After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	43%	57%
<ul style="list-style-type: none"> Installed 47 partial capture devices (curb inlet screens) over drain inlets that were also fitted with full capture devices to prevent large trash from entering the inlets and clogging the full capture devices Began providing public education to businesses to inform them of the City's Litter Prevention and Enforcement ordinance (9.18.215) which was adopted in April 2013 FY 13-14, Inspected 13 commercial businesses for litter in this TMA during IND inspections and discussed the City's litter requirements during. Issued one citation with fee to 1 shopping center property owner for uncontained litter at a site on Wolfe Rd. Required full trash capture on all drain inlets at two C.3 projects approved in FY 13-14 (per City ordinance 9.18.115) Added conditions of approval requiring project applicants to permanently install public trash-recycling-food-waste bins outside retail and food businesses at ~ every one hundred feet to reduce parking lot and sidewalk litter (per City ordinance 9.18.210.P.) City staff personally visited all retail businesses citywide (217 stores) to introduce the single-use bag ordinance (9.17) before its effective date of Oct 1, 2013 and to discuss the City's litter reduction requirements. Three Chamber-City presentations were given for stores in different areas of TMA 1 (and one was given in TMA 4). The City's garbage hauler sent invoice inserts regarding the ordinance effective date to all customers. 								
Assessment Methods for Control Measures Other than Full Capture Devices								
In spring 2014, staff monitored one large grocery store in TMA 1 (6 grocery stores citywide) and observed 154 shoppers (1075 shoppers citywide) to assess compliance and public behavior change resulting from the ordinance. See Jurisdictional-wide actions (C.10.d Part A). As part of the City's Long-Term Trash Reduction Plan, the City worked collaboratively with other SCVURPPP Permittees to develop the SCVURPPP Pilot Trash Assessment Strategy								

<p>(Assessment Strategy), which was submitted to the Water Board in February 2014. The Assessment Strategy is focused on answering three core management questions and uses four main indicators to assess progress towards trash reduction goals. To assess environmental outcomes associated with control measures other than full capture devices, visual trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw to randomly pick sites in priority TMAs and allow for extrapolation within the applicable TMA. In June/July 2014, the City conducted visual assessments at 9 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, over 9,000 linear feet of streets and sidewalks were assessed. The results of the assessments in June/July 2014 are presented below. Additional information on the Assessment Strategy and results of initial assessments can be found in the Santa Clara Valley Program's FY 13-14 Annual Report.</p>					
<p align="center">Summary of Assessment Results To-date</p>					
<p>In Summer 2014, a total of 3 sites or 3,600 linear feet of streets and sidewalks in this TMA (i.e., 20% of streets/sidewalks with M, H or VH generation rates) were assessed using the on-land visual assessment protocol. Based on the results of these assessments, the area in this TMA where control measures other than full capture devices are implemented was determined have 22% low, 78% moderate, 0% high and 0% very high levels of trash. The results to the right include not only the reduction observed via on-land assessments, but also via full capture devices (as applicable).</p>	<p>Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions</p>			<p align="center">85%</p>	
	<p>Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions</p>			<p align="center">26%</p>	

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types	% TMA in Each Trash Generation Category				
				VH	H	M	L	
TMA 2	81	1. pedestrian litter 2. vehicles 3. inadequate container management. Food and drink retail businesses, grocery stores, college students and pedestrians, gas stations, strip malls, bus stops	Food wrappers, cups, plastic lids, cigarette butts and packaging, plastic water bottles and aluminum cans	Baseline Generation (Pre-MRP)	0%	96%	0%	4%
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account <u>Full Capture Devices</u>	0%	49%	0%	50%
Total Area (Acres)	38	27 StormTek pipe connector screens Additionally this TMA has three C.3 projects with 10 vegetated swales						
% of TMA	47							
% of VH/H/M	48							
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices				After taking into account <u>all New or Enhanced (post-MRP) Control Measures</u>	0%	17%	33%	50%
<ol style="list-style-type: none"> 1. Began providing public education to businesses to inform them of the City's Litter Prevention and Enforcement ordinance (9.18.215) which was adopted in April 2013 2. FY 13-14, Inspected 11 commercial businesses for litter in this TMA and discussed the City's litter requirements during proactive IND inspections. One business was in violation due to uncontained litter and was required to clean up the property immediately. 3. Required full trash capture for all drain inlets at all C.3 projects approved in FY 13-14 (per City ordinance 9.18.115) 4. Added conditions of approval requiring project applicants to permanently install public trash-recycling-foodwaste bins outside retail and food businesses at ~ every one hundred feet to reduce parking lot and sidewalk litter (per City ordinance 9.18.210.P.) Three redevelopment projects in TMA 2 were affected. 5. City staff personally visited <u>all</u> 217 retail businesses citywide to introduce the single-use bag ordinance (9.17) before its effective date of Oct 1, 2013 and to discuss the City's litter reduction requirements. The City's garbage hauler sent invoice inserts regarding the ordinance effective date to all customers. 								
Assessment Methods for Control Measures Other than Full Capture Devices								
In spring 2014, staff monitored one large grocery store in TMA 2 (6 grocery stores citywide) and observed 453 shoppers (1075 shoppers citywide) to assess compliance and public behavior change resulting from the ordinance. See Jurisdictional-wide actions (C.10.d Part A). As part of the City's Long-Term Trash Reduction Plan, the City worked collaboratively with other SCVURPPP Permittees to develop the SCVURPPP Pilot Trash Assessment Strategy (Assessment Strategy), which was submitted to the Water Board in February 2014. The Assessment Strategy is focused on answering three core management questions and uses four								

<p>main indicators to assess progress towards trash reduction goals. To assess environmental outcomes associated with control measures other than full capture devices, visual trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw to randomly pick sites in priority TMAs and allow for extrapolation within the applicable TMA. In June/July 2014, the City conducted visual assessments at 9 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, over 9,000 linear feet of streets and sidewalks were assessed. The results of the assessments in June/July 2014 are presented below. Additional information on the Assessment Strategy and results of initial assessments can be found in the Santa Clara Valley Program's FY 13-14 Annual Report.</p>					
<p align="center">Summary of Assessment Results To-date</p>					
<p>In Summer 2014, a total of 3 sites or 3,900 linear feet of streets and sidewalks in this TMA (i.e., 40% of streets/sidewalks with M, H or VH generation rates) were assessed using the on-land visual assessment protocol. Based on the results of these assessments, the area in this TMA where control measures other than full capture devices are implemented was determined have 0% low, 66% moderate, 34% high and 0% very high levels of trash. The results to the right include not only the reduction observed via on-land assessments, but also via full capture devices (as applicable).</p>	<p>Estimated % Trash Reduction <u>in TMA</u> due to New or Enhanced Post-MRP actions</p>			<p align="center">74%</p>	
	<p>Estimated % Trash Reduction <u>Jurisdiction-wide</u> due to New or Enhanced Post-MRP actions</p>			<p align="center">10%</p>	

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
TMA 3	134	1. pedestrian litter 2. vehicles 3. inadequate container management 4 illegal dumping. Food and drink retail businesses, grocery stores, high school students and pedestrians, gas stations, strip malls, bus stops	Food wrappers, cups, plastic lids, cigarette butts and packaging, plastic water bottles, aluminum cans	Baseline Generation (Pre-MRP)	0%	24%	34%	42%	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)			After taking into account <u>Full Capture Devices</u>	0%	12%	34%	55%
Total Area (Acres)	42	Two StormTek pipe connector screens.							
% of TMA	31	Additionally, this TMA has two C.3 projects with 10 vegetated buffer strips; 10 infiltration basins; 3 planter boxes; 2 media filters and 2 vortex separators							
% of VH/H/M	22								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account <u>all New or Enhanced (post-MRP) Control Measures</u>	0%	0%	45%	55%
<ul style="list-style-type: none"> Began providing public education to businesses to inform them of the City's Litter Prevention and Enforcement ordinance (9.18.215) which was adopted in April 2013 FY 13-14, Inspected 4 commercial businesses for litter in this TMA and discussed the City's litter requirements during IND inspections. Two businesses were issued a notice of violation in this TMA and required to clean the property immediately. City staff personally visited <u>all</u> retail businesses in TMA 3 to introduce the single-use bag ordinance (9.17) before its effective date of Oct 1, 2013 and to discuss the City's litter reduction requirements. The City's garbage hauler sent invoice inserts regarding the ordinance effective date to all customers. 									
Assessment Methods for Control Measures Other than Full Capture Devices									
<p>In spring 2014, staff monitored one large grocery store in TMA 3 (6 grocery stores citywide) and observed 183 shoppers (1075 shoppers citywide) to assess compliance and public behavior change resulting from the ordinance. See Jurisdictional-wide actions (C.10.d Part A). As part of the City's Long-Term Trash Reduction Plan, the City worked collaboratively with other SCVURPPP Permittees to develop the SCVURPPP Pilot Trash Assessment Strategy (Assessment Strategy), which was submitted to the Water Board in February 2014. The Assessment Strategy is focused on answering three core management questions and uses four main indicators to assess progress towards trash reduction goals. To assess environmental outcomes associated with control measures other than full capture devices, visual trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample</p>									

<p>draw to randomly pick sites in priority TMAs and allow for extrapolation within the applicable TMA. In June/July 2014, the City conducted visual assessments at 9 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, over 9,000 linear feet of streets and sidewalks were assessed. The results of the assessments in June/July 2014 are presented below. Additional information on the Assessment Strategy and results of initial assessments can be found in the Santa Clara Valley Program's FY 13-14 Annual Report.</p>						
<p>Summary of Assessment Results To-date</p>						
<p>In Summer 2014, a total of 2 sites or 2,100 linear feet of streets and sidewalks in this TMA (i.e., 20% of streets/sidewalks with M, H or VH generation rates) were assessed using the on-land visual assessment protocol. Based on the results of these assessments, the area in this TMA where control measures other than full capture devices are implemented was determined have 0% low, 100% moderate, 0% high and 0% very high levels of trash. The results to the right include not only the reduction observed via on-land assessments, but also via full capture devices (as applicable).</p>			<p>Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions</p>	<p>65%</p>		
<p>Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions</p>	<p>5%</p>					

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types	% TMA in Each Trash Generation Category				
				VH	H	M	L	
TMA 4	351	1. pedestrian litter 2. vehicles 3. inadequate container management. Food and drink retail businesses, grocery stores, high school students and pedestrians, gas stations, strip malls, bus stops	Food wrappers, cups and plastic lids, cigarette butts	Baseline Generation (Pre-MRP)	0%	1%	96%	3%
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account <u>Full Capture Devices</u>	0%	1%	91%	8%
Total Area (Acres)	20	22 StormTek pipe connector screens; Additionally, this TMA has four C.3 projects with 21 bioretention treatments, 3 vegetated swales; 1 media filters and 1 vortex separator.						
% of TMA	6							
% of VH/H/M	6							
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices				After taking into account <u>all New or Enhanced (post-MRP) Control Measures</u>	0%	0%	20%	80%
<ul style="list-style-type: none"> Began providing public education to businesses to inform them of the City's Litter Prevention and Enforcement ordinance (9.18.215) which was adopted in April 2013 FY 13-14, Inspected 14 commercial businesses for litter in this TMA and discussed the City's litter requirements during IND inspections. Three violations were noted in this TMA due to uncontained litter and were required to clean up the property immediately. Required full trash capture for all drain inlets at all C.3 projects approved in FY 13-14 (per City ordinance 9.18.115) Added conditions of approval requiring project applicants to permanently install public trash-recycling-food-waste bins outside retail and food businesses at ~ every one hundred feet to reduce parking lot and sidewalk litter (per City ordinance 9.18.210.P.) One mixed commercial/residential project in TMA 4 was affected City staff personally visited <u>all</u> retail businesses in TMA 4 to introduce the single-use bag ordinance (9.17) before its effective date of Oct 1, 2013 and to discuss the City's litter reduction requirements. One Chamber-City presentation was given for stores in this TMA (and three were given in different areas of TMA 1). The City's garbage hauler sent invoice inserts regarding the ordinance effective date to all customers. 								
Assessment Methods for Control Measures Other than Full Capture Devices								
In spring 2014, staff monitored three grocery stores in TMA 4 (6 grocery stores citywide) and observed 468 shoppers (1075 shoppers citywide) to assess compliance and public behavior change resulting from the ordinance. See Jurisdictional-wide actions (C.10.d Part A). As part of the City's Long-Term Trash Reduction Plan, the City worked collaboratively with other SCVURPPP Permittees to develop the SCVURPPP Pilot Trash								

<p>Assessment Strategy (Assessment Strategy), which was submitted to the Water Board in February 2014. The Assessment Strategy is focused on answering three core management questions and uses four main indicators to assess progress towards trash reduction goals. To assess environmental outcomes associated with control measures other than full capture devices, visual trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw to randomly pick sites in priority TMAs and allow for extrapolation within the applicable TMA. In June/July 2014, the City conducted visual assessments at 9 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, over 9,000 linear feet of streets and sidewalks were assessed. The results of the assessments in June/July 2014 are presented below. Additional information on the Assessment Strategy and results of initial assessments can be found in the Santa Clara Valley Program's FY 13-14 Annual Report.</p>										
<p align="center">Summary of Assessment Results To-date</p>										
<p>In Summer 2014, a total of 5 sites or 5,500 linear feet of streets and sidewalks in this TMA (i.e., 11% of streets/sidewalks with M, H or VH generation rates) were assessed using the on-land visual assessment protocol. Based on the results of these assessments, the area in this TMA where control measures other than full capture devices are implemented was determined have 78% low, 22% moderate, 0% high and 0% very high levels of trash. The results to the right include not only the reduction observed via on-land assessments, but also via full capture devices (as applicable).</p>			<p>Estimated % Trash Reduction in TMA <u>4</u> due to New or Enhanced Post-MRP actions</p>				<p align="center">80%</p>			
					<p>Estimated % Trash Reduction <u>Jurisdiction-wide</u> due to New or Enhanced Post-MRP actions</p>					<p align="center">13%</p>

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types	% TMA in Each Trash Generation Category				
				VH	H	M	L	
TMA 5	174	1. pedestrian litter 2. vehicles 4. illegal dumping	Spray paint cans, bottles and glass, cigarette butts and packaging, Styrofoam™ pieces	Baseline Generation (Pre-MRP)	0%	2%	54%	45%
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account <u>Full Capture Devices</u>	0%	1%	52%	47%
Total Area (Acres)	3	4 StormTek pipe connector screens						
% of TMA	2							
% of VH/H/M	3							
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices				After taking into account <u>all New or Enhanced (post-MRP) Control Measures</u>	0%	0%	37%	63%
<ul style="list-style-type: none"> Monthly creek cleanups were conducted by City staff in TMA 5 at CUO02, the City's hot spot at Stevens Creek, and upstream under Interstate Freeway 280. This site is on Santa Clara Valley Water District's property. In February and from April through June staff removed 362.5 gallons of litter associated with graffiti activities. This trash reduction measure will continue indefinitely as described in the City's Long-Term Trash Management Plan, until graffiti litter has stopped occurring. FY 13-14, Inspected 9 commercial businesses for litter in this TMA and discussed the City's litter requirements during IND inspections. There were no violations found for uncontained litter in this TMA. Required full trash capture for all drain inlets at all C.3 projects approved in FY 13-14 (per City ordinance 9.18.115) Added conditions of approval requiring project applicants to permanently install public trash-recycling-foodwaste bins outside retail and food businesses at ~ every one hundred feet to reduce parking lot and sidewalk litter (per City ordinance 9.18.210.P.) One mixed commercial/residential project in TMA 4 was affected City staff personally visited <u>all</u> retail businesses in TMA 4 to introduce the single-use bag ordinance (9.17) before its effective date of Oct 1, 2013 and to discuss the City's litter reduction requirements. The City's garbage hauler sent invoice inserts regarding the ordinance effective date to all customers. 								
Assessment Methods for Control Measures Other than Full Capture Devices								
As part of the City's Long-Term Trash Reduction Plan, the City worked collaboratively with other SCVURPPP Permittees to develop the SCVURPPP Pilot Trash Assessment Strategy (Assessment Strategy), which was submitted to the Water Board in February 2014. The Assessment Strategy is focused on answering three core management questions and uses four main indicators to assess progress towards trash reduction								

<p>goals. To assess environmental outcomes associated with control measures other than full capture devices, visual trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw to randomly pick sites in priority TMAs and allow for extrapolation within the applicable TMA. In June/July 2014, the City conducted visual assessments at 9 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, over 9,000 linear feet of streets and sidewalks were assessed. The results of the assessments in June/July 2014 are presented below. Additional information on the Assessment Strategy and results of initial assessments can be found in the Santa Clara Valley Program's FY 13-14 Annual Report.</p>					
<p>Summary of Assessment Results To-date</p>					
<p>In Summer 2014, a total of 3 sites or 3,300 linear feet of streets and sidewalks in this TMA (i.e., 17% of streets/sidewalks with M, H or VH generation rates) were assessed using the on-land visual assessment protocol. Based on the results of these assessments, the area in this TMA where control measures other than full capture devices are implemented was determined have 30% low, 70% moderate, 0% high and 0% very high levels of trash. The results to the right include not only the reduction observed via on-land assessments, but also via full capture devices (as applicable).</p>					
<p>Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions</p>			<p>38%</p>		
<p>Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions</p>			<p>2%</p>		

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types	% TMA in Each Trash Generation Category				
				VH	H	M	L	
TMA 7	436	1. pedestrian litter 2. vehicles K-12 schools	Food and drink containers and wrappers, papers, cigarette butts	Baseline Generation (Pre-MRP)	0%	0%	89%	11%
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account <u>Full Capture Devices</u>	0%	0%	89%	11%
Total Area (Acres)	0	This TMA includes two C.3 projects with 1 infiltration trench and 3 vegetated swales.						
% of TMA	0							
% of VH/H/M	0							
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices				After taking into account <u>all New or Enhanced (post-MRP) Control Measures</u>	0%	0%	35%	65%
<ul style="list-style-type: none"> City requires full trash capture for all drain inlets at all C.3 projects approved after 2012 (per City ordinance 9.18.115) No Smoking Ordinance in Parks adopted in 2011 (CMC 10.90.020 Smoking Prohibited) Jurisdiction-wide Control Measures (Section 3.2.1 and page 25 of Long Term Plan) includes a single use plastic bag ordinance and ban on use and distribution of Styrofoam™ containers at food and beverage retail establishments The City's garbage hauler sent invoice inserts regarding the City's Regulation of Single-Use Carryout Bag ordinance to all customers prior to the October 1, 2013 effective date. TMA 7's parks continue to be maintained multiple times per week by City maintenance crews 								
Assessment Methods for Control Measures Other than Full Capture Devices								
<p>As part of the City's Long-Term Trash Reduction Plan, the City worked collaboratively with other SCVURPPP Permittees to develop the SCVURPPP Pilot Trash Assessment Strategy (Assessment Strategy), which was submitted to the Water Board in February 2014. The Assessment Strategy is focused on answering three core management questions and uses four main indicators to assess progress towards trash reduction goals. To assess environmental outcomes associated with control measures other than full capture devices, visual trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw to randomly pick sites in priority TMAs and allow for extrapolation within the applicable TMA. In June/July 2014, the City conducted visual assessments at 9 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, over 9,000 linear feet of streets and sidewalks were assessed. The results of the assessments in June/July 2014 are presented below. Additional information on the Assessment Strategy and results of initial assessments can be found in the Santa Clara</p>								

Valley Program's FY 13-14 Annual Report.					
Summary of Assessment Results To-date					
<p>In Summer 2014, a total of 5 sites or 5,600 linear feet of streets and sidewalks in this TMA (i.e., 12% of streets/sidewalks with M, H or VH generation rates) were assessed using the on-land visual assessment protocol. Based on the results of these assessments, the area in this TMA where control measures other than full capture devices are implemented was determined have 62% low, 38% moderate, 0% high and 0% very high levels of trash. The results to the right include not only the reduction observed via on-land assessments, but also via full capture devices (as applicable).</p>					
		Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	61%		
		Estimated % Trash Reduction <u>Jurisdiction-wide</u> due to New or Enhanced Post-MRP actions	10%		

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
TMA 8	233	1. pedestrian litter. Former Hewlett Packard buildings and parking lot. Now under construction to become Apple Campus 2 by 2017.	General office parking lot litter, paper pieces	Baseline Generation (Pre-MRP)	0%	0%	99%	1%	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)			After taking into account Full Capture Devices	0%	0%	96%	4%
Total Area (Acres)	6	152 acres of this TMA is scheduled to be treated with full capture devices by 2017. Additionally there is one C.3 project in this TMA with 6 vegetated swales; 2 drain inserts and 1 hydrodynamic separator.							
% of TMA	3								
% of VH/H/M	3								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	96%	4%
City approved plans for re-development of a former Hewlett Packard site. Apple Campus 2 (152 acres) is under construction and will be treated with full trash capture and C.3 (LID) treatment measures when the project is completed in approximately by 2017.									
Assessment Methods for Control Measures Other than Full Capture Devices									
As part of the City's Long-Term Trash Reduction Plan, the City worked collaboratively with other SCVURPPP Permittees to develop the SCVURPPP Pilot Trash Assessment Strategy (Assessment Strategy), which was submitted to the Water Board in February 2014. The Assessment Strategy is focused on answering three core management questions and uses four main indicators to assess progress towards trash reduction goals. To assess environmental outcomes associated with control measures other than full capture devices, visual trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw to randomly pick sites in priority TMAs and allow for extrapolation within the applicable TMA. In June/July 2014, the City conducted visual assessments at 9 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, over 9,000 linear feet of streets and sidewalks were assessed. The results of the assessments in June/July 2014 are presented below. Additional information on the Assessment Strategy and results of initial assessments can be found in the Santa Clara Valley Program's FY 13-14 Annual Report.									

Summary of Assessment Results To-date					
Due to active construction of the Apple Campus 2 project in progress on most of TMA 8, on-land visual assessments were not conducted in TMA 8 in FY 13-14 and no load reductions are assumed to have occurred in this TMA. Assessments will be conducted in subsequent years after the Apple Campus 2 construction project has been completed and full capture devices have been installed to treat most of this TMA.					
		Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	3%		
		Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	0%		

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
TMA 9	5,232	Residential, Very expensive homes and condominiums.	Occasional litter which is quickly cleaned up	Baseline Generation (Pre-MRP)	0%	0%	0%	100%
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account <u>Full Capture Devices</u>	0%	0%	0%	100%
Total Area (Acres)	0	N/A						
% of TMA	0							
% of VH/H/M	0							
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices				After taking into account <u>all New or Enhanced (post-MRP) Control Measures</u>	0%	0%	0%	100%
<ul style="list-style-type: none"> TMA 9 is well-maintained residential and open space area with extremely low litter generation. Jurisdictional wide measures such as public outreach at 4 to 6 City events annually, the Litter Prevention and Enforcement Ordinance passed in spring of 2013, the Regulation of Single-Use Carryout Bags Ordinance, the ban on Styrofoam™ at food and drink retail establishments and requirements within the City's garbage and recycling collection contract help control litter in TMA 9. The City's garbage hauler sent invoice inserts regarding the City's Regulation of Single-Use Carryout Bag ordinance to all customers prior to the October 1, 2013 effective date. Regular weekly street sweeping and annual storm drain inlet inspections and cleaning also support the City's "A Cleaner Cupertino" campaign. 								
Assessment Methods for Control Measures Other than Full Capture Devices								
As part of the City's Long-Term Trash Reduction Plan, the City worked collaboratively with other SCVURPPP Permittees to develop the SCVURPPP Pilot Trash Assessment Strategy (Assessment Strategy), which was submitted to the Water Board in February 2014. The Assessment Strategy is focused on answering three core management questions and uses four main indicators to assess progress towards trash reduction goals. To assess environmental outcomes associated with control measures other than full capture devices, visual trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw to randomly pick sites in priority TMAs and allow for extrapolation within the applicable TMA. In June/July 2014, the City conducted visual assessments at 9 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, over 9,000 linear feet of streets and sidewalks were assessed. The results of the								

<p>assessments in June/July 2014 are presented below. Additional information on the Assessment Strategy and results of initial assessments can be found in the Santa Clara Valley Program's FY 13-14 Annual Report.</p>					
<p>Summary of Assessment Results To-date</p>					
<p>On-land visual assessments were not conducted in TMA 9 in FY 13-14 and no load reductions are assumed to have occurred in this TMA. This TMA consists of low litter generating area.</p>					
	<p>Estimated 0% Trash Reduction in TMA due to New or Enhanced Post-MRP actions</p>				
	<p>0%</p>				

C.10.d ► PART C – Estimated Overall Trash Load Reduction

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.d – Parts A and B and creek/shoreline cleanups not reported in C.10.b.iii. Provide a statement regarding the confidence in the estimate and challenges and/or successes in measuring progress towards the 40% trash reduction target described in provision C.10.

Discussion of Trash Reduction Estimate:

The preliminary trash load reduction estimates presented in this section provide the best available estimate of trash reduction from the City's municipal separate stormwater sewer system (MS4). These estimates were developed consistent with the trash reduction framework developed in collaboration with Water Board staff in 2013-14, and the Pilot SCVURPPP Trash Assessment Strategy submitted to the Water Board in February 2014. All estimates are based on available information collected by the City, should be considered preliminary at this time, and are subject to revision by Permittees based on additional information of the effectiveness of trash controls, the magnitude and extent of trash control measure implementation, and/or the levels of trash discharged from the City's MS4.

Trash reduction estimates were based on initial data collection efforts that began in FY 13-14 and utilize the verified levels of baseline trash generation in the City. Reductions associated with jurisdictional-wide trash control measures, trash full capture devices, other TMA-specific control measures, and trash cleanup events in local creeks and shorelines are included. Reductions associated with jurisdictional-wide actions are based on a combination of data collection and observations applicable to the City. Reductions associated with trash full capture devices assume that trash generated in areas treated by effectively maintained devices reduce trash to a level of "no adverse impacts" to local water bodies. For control measures other than full capture devices, all reductions estimates are based on empirical observations of current trash levels (i.e., on-land visual assessments) and associated reductions in applicable trash management areas. Reductions associated with creek and shoreline cleanups are based on the amount of trash removed via these cleanups in FY 13-14, in comparison to baseline trash generation in the City.

Additionally, on-land assessments in Cupertino showed a reduction in trash which City staff attribute to several measures implemented over the last two years. These include two product bans and the publicity and public outreach associated with passing the ordinances at a City Council public hearing, scrutiny of new and re-development plans with strict conditions of approval for waste disposal areas at commercial properties, enforcement of the City's litter reduction ordinance at shopping centers wherein property owners are responsible for maintaining the parking lot and the property's perimeter including adjacent sidewalks beyond the perimeter litter-free, more requirements of the City's franchised garbage and recycling hauler, and increased enforcement during industrial commercial inspections with a \$100 re-inspection fee for sites that have problems that cannot be remedied immediately. City staff acknowledge that reaching 40% reduction was done with considerable staff time and effort and City Council support and that maintaining the reduction achieved to date will require constant vigilance, enforcement, evaluation and improvement.

Estimated % Trash Reduction due to Jurisdictional-wide Actions	8%
Estimated % Trash Reduction due to Trash Full Capture Devices (All TMAs)	24%
Estimated % Trash Reduction due to Other Control Measures (All TMAs)	42%
SubTotal for Above Actions	74%

C.10.d ► PART C – Estimated Overall Trash Load Reduction

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.d – Parts A and B and creek/shoreline cleanups not reported in C.10.b.iii. Provide a statement regarding the confidence in the estimate and challenges and/or successes in measuring progress towards the 40% trash reduction target described in provision C.10.

Estimated % Trash Reduction claimed due to Creek/Shoreline Cleanups (All TMAs)	0%
Total Estimated % Trash Reduction in FY 13-14	74%

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 13-14 Program Annual Report for a list of mercury collection and recycling efforts conducted countywide and regionally.

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 FY13-14. The City provided thirteen Water Monitoring Kits to Acterra to assist them with their Volunteer Creek Monitoring Program.

Effective March 2004, Cupertino has implemented a City policy requiring the elimination of mercury from controllable sources.

Promotion (i.e., media advertising, providing information on your agency's website, etc.) of:

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.
- **WM At Your Door:** 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. 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 \$0.37 per month for the same service.
- **Recology @ Residential Curbside:** By Agreement with the City's franchised waste hauler (Recology), 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.
- **Recology @ Environmental Recycling Days:** In addition, the City's 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: 10/26/13, 1/18/14, 5/17/14.
- **Santa Clara County Household Hazardous Waste Program:** The City also provides 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, and paint. Mercury Thermometers are also accepted at De Anza College Student Health Services as a drop off location.

- City of Cupertino Facilities:** The 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.

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.

Mercury Thermometer Exchange Events for non-mercury thermometers:

Cupertino Senior Center held a mercury exchange event on September 16, 2013. Approximately 50 thermometers were exchanged.

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 13-14 Santa Clara Valley Program's Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the Countywide Program area.

City's Household Hazardous Waste (HHW) Program – WM At Your Door

Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps ⁵⁰ (linear feet)	136.5/ 389.325 feet	Not tracked by the City
CFLs ⁵¹ (each)	109 each	Not tracked by the City
Mercury Compound (each)	1.25 pounds	Not tracked by the City
Mercury Devices	28.25 pounds	
Thermostats (lbs)	Not tracked	Not tracked by the City

⁵⁰ Only linear fluorescent lamps should be included

⁵¹ Only compact fluorescent lamps should be included

Thermometers (each)	0	Not tracked by the City
Batteries	609.75 pounds	Not tracked by the City
E-Waste	20,899.86 each	Not tracked by the City
Elemental Mercury - un-documented amount (included thermostats, thermometers and other products)	0	Not tracked by the City
Total Mass of Mercury Collected During FY 2013-2014:		Not tracked by the City

Countywide Household Hazardous Waste Program Participation

The HHW Program served 23,728 residents from July 1, 2013 through June 30, 2014. 2,368,945 pounds of hazardous waste was managed safely and legally. There were a total of 54 collection events: 37 at two permanent facilities and 17 at temporary sites strategically located throughout the County. In addition, the Program served 434 small business drop-offs including local governments, Goodwill Industries, and the Salvation Army. A total of 127,309 pounds fluorescent lamps were collected. Of that volume, retail take-back stores accounted for 102,138 pounds. 38 stores serve as fluorescent lamp take-back partners. Thermostats collected are consolidated into a bin that is provided by Thermostat Recycling Corporation (TRC) provides and then is shipped to them. Essentially, they are stewardship organization that facilitates and manages the collection and proper disposal of mercury-containing thermostats.

Santa Clara County Household Hazardous Waste (HHW)

Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps ⁵² (linear feet)	127,309 pounds	Not tracked by City
Thermostats ⁵³ (each)	Quantity not tracked	Not tracked by City
Thermostats (lbs)	Quantity not tracked	Not tracked by City
Thermometers (each)	4	Not tracked by City
Switches (lbs)	Quantity not tracked	Not tracked by City
Batteries	143,593 pounds	Not tracked by City
Elemental Mercury - un-documented amount (included thermostats, thermometers and other products)	675 pounds (includes thermostats, thermometers and other products)	Not tracked by City
Total Mass of Mercury Collected During FY 2013-2014:		Not tracked by City

⁵² Only linear fluorescent lamps should be included

⁵³ Thermostats can be reported by quantity or by pounds. Whichever unit is used, please avoid double-counting.

Recology @ Environmental Recycling Days - collection events on: 10/26/13, 1/18/14, 5/17/14		
Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps ⁵⁴ (linear feet)	702	Not tracked by City
CFLs ⁵⁵ (each)	562	Not tracked by City
Thermostats ⁵⁶ (each)	Not tracked separately	Not tracked by City
Thermometers (each)	Not tracked separately	Not tracked by City
Switches (lbs)	Not tracked separately	Not tracked by City
Batteries	1,637 pounds	Not tracked by City
Ballasts	27	Not tracked by City
E-Waste	17,579 pounds – 8.79 Tons	Not tracked by City
Elemental Mercury - un-documented amount (included thermostats, thermometers and other products)	0	Not tracked by City
Total Mass of Mercury Collected During FY 2013-2014:		Not tracked by City
FY 13-14 Collection of Mercury containing products from City Facilities		
Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps ⁵⁷ (linear feet)	1,133 each	Not tracked by City
CFLs ⁵⁸ (each)	294 each	Not tracked by City
Thermostats ⁵⁹ (each)	0	Not tracked by City
Thermostats (lbs)	0	Not tracked by City
Thermometers (each)	0	Not tracked by City
Switches (lbs)	0	Not tracked by City

⁵⁴ Only linear fluorescent lamps should be included

⁵⁵ Only compact fluorescent lamps should be included

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

⁵⁷ Only linear fluorescent lamps should be included

⁵⁸ Only compact fluorescent lamps should be included

⁵⁹ Thermostats can be reported by quantity or by pounds. Whichever unit is used, please avoid double-counting.

Batteries	246	Not tracked by City
Total Mass of Mercury Collected During FY 2013-2014:		Not tracked by City

- 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 Santa Clara Valley Program and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Santa Clara Valley Program's FY 13-14 Annual Report, Integrated Monitoring Report.

Section 12 - Provision C.12 PCBs Controls

C.12.a.ii,iii ▶ Ongoing Training

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

Description:

See the FY 13-14 Santa Clara Valley Program Annual Report for a description of training 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.

A summary of Program and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 13-14 Annual Report, Integrated Monitoring Report.

Description:

At the April 22, 2014 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 Experiences, Construction Site Compliance, At the May 6 2014, 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 and Code Enforcement Officers have not yet identified any sites where PCBs might be found in Cupertino.

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 Experiences, and Construction Site Compliance. At the April 23, 2013 IDDE & IND, Environmental Programs staff and IDDE/IND Inspector attended

Permittee Name: City of Cupertino

a training which included a discussion on how to identify and look for PCBs during site visits. Cupertino Inspectors have not yet identified any sites where PCBs might be found in Cupertino.

On May 20, 2014 Cupertino's Code Enforcement staff attended an Industrial & Commercial Inspector Stormwater Training, which included discussion of Pollutants of Concern. On June 3, Cupertino's Building Department and Environmental staff attended an Industrial & Commercial Inspector Stormwater training, which provided guidance for inspectors on locating and identifying Mercury, PCBs and Copper during inspections.

In June 2014, as part of the SCVURPPP PCB mapping project, various parcels were identified as having prior uses with the likelihood of the presence of PCBs through their past operations. Staff then conducted ground-truthing of these sites to aid in considering future control measures for legacy PCBs and similar pollutants of concern that may enter waterways primarily through sediment from these affected sites. As part of the mapping process, staff met with the Santa Clara County Fire Department Hazardous Materials Division and discussed the project. The Fire Department staff familiar with Cupertino advised that through their personal knowledge and annual facility inspections, with exception to a PG&E Maintenance Yard and two substations, there were not any parcels that were identified as potential sites. Many of the parcels that may have had the presence of PCBs have been redeveloped, thereby greatly reducing the potential of PCB transport through sediment. The City will continue to follow the guidance of SCVURPPP (EOA) as development of this project continues in FY 14-15.

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 against 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 Text (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. Minimum BMPs and source control measures for all dischargers include, but are not limited to the following:

City of Cupertino Ordinance Text (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

In August 2011, SCVURPPP developed a fact sheet entitled "Requirements for Copper Roofs and Other Architectural Copper - Protect water quality during installation, cleaning, treating, and washing!" The fact sheet describes BMPs for proper disposal of copper-containing wash-water.

The fact sheet was provided to Cupertino at the Program's Construction Site Inspection Workshop held on April 22, 2014. In addition, information on BMPs was provided to attendees of the Program's IND/IDDE Training Roundtable, held on May 20, 2014, and hard copies of the fact sheet were included in the workshop folder.

The Public Works inspector attended the workshop Construction Site Inspection Workshop, held on April 22, 2014, where he was trained on managing wash water from architectural features. The City doesn't allow copper roofs in Cupertino, however, if there are any sites with copper architectural ornaments, proper BMPs must be followed to manage or wash these copper architectural ornaments.

Building Inspectors and technicians provide information to residents during the architectural design process. The Building Inspectors performed 17,240 inspections in FY 13-14. The Inspectors are a good team to identify any illicit discharges of copper cleaning. The Requirements for Copper Roof and other Architectural Copper are also on the City's Environmental Programs Website.

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

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

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

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

Summary

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 13-14 Annual Report and/or BASMAA Regional POC Report.

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 and the City's Industrial/Commercial Inspectors conduct annual inspections of facilities with any previous violations.

During FY 13-14 Cupertino swept approximately 17,604 miles of paved streets and removed approximately 7,245 tons of material.

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

Note: There are no reporting requirements for MRP provision C.14 in the FY 13-14.

Permittee Name: _____

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

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

Is your agency a water purveyor?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If No , skip to C.15.b.vi.(2):				
If Yes , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.				
Comments: the City of Cupertino is not a water purveyor.				

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:
Please refer to the C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of Program's FY13-14 Annual Report as needed (if applicable).

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. The City has replaced 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-Gardener 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

Permittee Name: _____

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 13-14.
- 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