



PUBLIC WORKS DEPARTMENT

CITY HALL
10300 TORRE AVENUE ~ CUPERTINO, CA 95014-3266
(408) 777-3354 ~ FAX (408) 777-3333

September 30, 2016

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 2015-2016 Annual Report**

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the City of Cupertino pursuant to Permit Provision C.17.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2015-0049, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The goals of this Annual Report are to: 1) concisely document implementation of the MRP during FY 2015-2016; 2) evaluate program results for continuous improvement; and 3) share this information with other co-permittees, municipal decision-makers and the public. To accomplish these goals the report consists of the following:

- A. Certification Statement
- B. Annual Report

- Table of Contents
- Acronyms
- Completed Annual Report Form: Sections 1-15
- Appendices or tables attached at the end of applicable sections

City Highlights

This year the City of Cupertino demonstrated its commitment to water quality and watershed stewardship by continuing to build and improve a safe and healthy community with programs, initiatives and ordinances that were prompted by MRP compliance activities.

Trash Load Reduction

The City continued to work diligently on its trash load reduction. In fiscal year 15-16 it achieved a 77.9% reduction from its base trash generation level. To accomplish this and pave the way for further improvement, the City's elected officials and staff implemented the following ordinances, practices and programs. Especially effective, has been direct outreach to and engagement with students, teachers, developers and business owners. Additionally, enforcement and outreach staff allocate a significant amount of time to supporting the community with its implementation of control measures and compliance with municipal codes and policies.

Control measures implemented since 2009 to achieve 77.9% trash load reduction:

- Installed 118 full-capture pipe-connector screens in high and medium trash generation areas;
- Weekly street-sweeping with parking restrictions in all retail and commercial areas;
- 66 retractable curb inlet screens that keep litter at street level for weekly sweeping;
- Municipal code prohibition on distribution of single-use plastic shopping bags and free distribution of paper bags; City provides free reusable Chico shopping bags to the public;
- Prohibition on commercial use of Styrofoam™ food and beverage ware;
- New and redevelopment "Conditions of Approval" require a signed acknowledgement by applicant and property owner. Conditions include prohibition of copper roofs and outdoor architectural copper; requirement to install and maintain outdoor public recycling and waste bins for pedestrian use; a roofed commercial trash enclosure; marked storm drain inlets; trash full capture on private property inlets in high and medium trash generating areas; and a waste management plan for large and potentially problematic sites;
- The City's Litter Prevention ordinance requires commercial property owners to maintain litter-free premises, parking lots, and sidewalks at the property's perimeter in the public right-of-way;
- Full capture devices in public right-of-way inspected and vacuumed at least twice annually;
- Monthly creek cleanups conducted by staff at City's trash hot spot under Interstate 280;
- Community creek cleanups with 60-80 volunteers held twice per year at 2nd hot spot;
- Single and multi-family homes receive unlimited door-to-door hazardous waste collection;
- Garbage hauler's trucks must be covered to prevent loose litter; Penalties apply;
- Haulers report overfilled bins to city staff for immediate follow-up & enforcement;
- Technical assistance is provided to help businesses eliminate disposable packaging and reduce waste, litter and costs. City participates in ReThink Disposable, a Bay Area program of Clean Water Action/Fund;
- City staff meet quarterly with an Environmental Studies professor and his class to engage in a watershed stewardship activity;
- Collaboration with schools and students is a priority.

Outreach

The City began conducting site visits at all new food facilities with a goal of providing business owners new to Cupertino, an overview of the City's industrial/commercial inspection program and an introduction to ReThink Disposable, Green Business, and the County's Conditionally Exempt Small Quantity Generator program which helps small businesses manage their hazardous waste. Staff began with 7 such site visits at new restaurants and will continue to expand the program in fiscal year 16-17.

The City hosted Clean Water Action's ReThink Disposable Community Workshop which attracted more than 50 participants on a Saturday in June. An audience evenly represented by Bay Area teachers, non-profits, municipal government staff and sustainability advocates turned out to hear how the Clean Water Action/Fund, the US Environmental Protection Agency and local communities are stopping litter and waste at the source. Clean Water Action/Fund's 2011 study found that 67% of Bay Area litter is food and beverage packaging. As a partner in Rethink Disposable, the City's outreach and support has led four Cupertino restaurants to replace disposable packaging with reusable products and save money in the process.

Enforcement

The City of Cupertino manages its watershed protection and waste management programs within one division of Public Works. This organizational structure makes efficient use of staffs' time and efforts to prevent urban runoff pollution, improve overall city cleanliness, and reduce waste and litter. Additionally, the City benefits substantially from an Environmental Specialist who had 20 years of code enforcement experience with the City of Cupertino before joining the Environmental division full-time in July 2015. His professional knowledge of enforcement proceedings have resulted in high quality internal inspector training and noticeably improved community compliance. The City issued administrative citations totaling \$3,700 and assessed \$400 in re-inspection fees during fiscal year 15-16, resulting in positive changes and outcomes that will make future inspections easier for city staff. The C.4 site inspection program was enhanced with the development of an inspector guidance sheet. The laminated checklist provides inspection consistency and expanded guidance. Last year, 131 potential illicit discharges were investigated by the City. The City remains highly proactive in checking sites and identifying potential and actual discharges. Of those 131 cases, 54% were initiated by the inspector or referred to the inspector by other City staff.

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

Very truly yours,

A handwritten signature in black ink that reads "Cheri C. Donnelly". The signature is written in a cursive style with a large, prominent "C" at the beginning.

Cheri Donnelly
Environmental Programs Manager
Public Works Department
City of Cupertino



CUPERTINO GREEN

**CITY OF CUPERTINO
FY 2014-2015 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:

Roger Lee
Assistant Director of Public Works

September 29, 2016

Date

ATTACHMENT B

Table of Contents

Section	Page
Section 0 – Acronyms	0-1
Section 1 – Permittee Information	1-1
Section 2 – Provision C.2 Municipal Operations	2-1
Annual Corp Yard Inspection Findings	2-7
Section 3 – Provision C.3 New Development and Redevelopment	3-1
C.3.b.iv.(2) Regulated Projects Reporting Table (part 1)	3-11
C.3.b.iv.(2) Regulated Projects Reporting Table (part 2)	3-13
C.3.h.v.(2) Newly Installed Stormwater Treatment Systems and HM Controls	3-15
C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure	3-16
C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects	3-17
Section 4 – Provision C.4 Industrial and Commercial Site Controls	4-1
Potential Facilities List	4-7
Section 5 – Provision C.5 Illicit Discharge Detection and Elimination	5-1
Illegal Dumping Web Page	5-6
Section 6 – Provision C.6 Construction Site Controls	6-1
Hillside Area: Zoning Map	6-7
Section 7 – Provision C.7 Public Information and Outreach	7-1
Section 9 – Provision C.9 Pesticides Toxicity Controls	9-1
Section 10 – Provision C.10 Trash Load Reduction	10-1
Appendix 10-1 Baseline Trash Generation Areas Addressed by Full Capture Devices	10-16
Appendix 10-2 Trash Generation Map and Areas Currently Addressed by Full Capture Systems ..	10-17
Section 11 – Provision C.11 Mercury Controls	11-1
Section 12 – Provision C.12 PCBs Controls	12-1
Section 13 – Provision C.13 Copper Controls	13-1
Section 14 – Provision C.14 PBDE, Legacy Pesticides and Selenium Controls	14-1
Section 15 – Provision C.15 Exempted and Conditionally Exempted Discharges	15-1

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
Campaign	Watershed Watch Campaign

SCVURPPP Acronyms/Abbreviations

CAP	Copper Action Plan
CASQA	California 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
CEQA	California Environmental Quality Act
CESQG	Conditionally Exempt Small Quantity Generator
CESSWI	Certified Erosion Sediment and Storm Water Inspector
CEUs	Continuing Education Units
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
QSD	Qualified SWPPP Developer
QSP	Qualified SWPPP Practitioner
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

SCVURPPP Acronyms/Abbreviations

South Bay	Lower South San Francisco Bay
SPCWC	Stevens and Permanente Creeks Watershed Council
SPLWG	Sources, Pathways and Loadings Work Group (RMP)
SPWN	Fish Spawning
SSC	Suspended Sediment Concentration
SSI	Inventory of Santa Clara Basin Stream Studies
SSO	Water Quality Site-Specific Objective
State Board	State Water Resources Control Board
STOPPP	San Mateo Countywide Stormwater Pollution Prevention Program
SWAMP	Surface Waters Ambient Monitoring Program
SWANA	Solid Waste Association of North America
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

SCVURPPP Acronyms/Abbreviations

WARM	Warm Freshwater Habitat
Water Board	San Francisco Bay Regional Water Quality Control Board
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:	58,185 (CA State Department of Finance)			
NPDES Permit No.:	CAS612008			
Order Number:	R2-2015-0049			
Reporting Time Period (month/year):	July 2015 through June 2016			
Name of the Responsible Authority:	Roger Lee	Title:	Assistant Director of Public Works	
Mailing Address:	10300 Torre Avenue			
City:	Cupertino	Zip Code:	95014	County: Santa Clara
Telephone Number:	408-777-3354	Fax Number:	408-777-3333	
E-mail Address:	RogerL@Cupertino.org			
Name of the Designated Stormwater Management Program Contact (if different from above):	Cheri Donnelly	Title:	Environmental Programs Manager	
Department:	Public Works, Environmental Programs Division			
Mailing Address:	10300 Torre Avenue			
City:	Cupertino	Zip Code:	95050	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:

See SCVURPPP's C.2 Municipal Operations section of the Program's FY 15-16 Annual Report for a description of program and regional activities implemented.

Staff Training

Municipal Maintenance and Operations stormwater compliance training on the Municipal NPDES Permit was held on June 2, 2016 as part of the monthly Service Center meeting. All municipal maintenance staff attended including maintenance workers from Streets, Facilities, Grounds (Parks), and Trees and Right of Ways. The Public Works Superintendent and Assistant Director of Public Works contributed to the stormwater training. Topics discussed were, an introduction to MRP 2 & the Clean Water Act; pollutants that impact water quality, controlling mosquito breeding by eliminating standing water; correct application of BMPs for municipal staff and for city contractors; spill response, dry cleanup methods, material storage maintaining the fuel island and wash rack, and the City's prohibition of copper roofing and downspouts; reporting ineffective BMPs if discovered in the field; Service Yard (corp yard) housekeeping and Service Yard drain inlet maintenance; review of the City's litter prevention ordinance 9.18.210 and 9.18.215 requiring property owners to maintain litter free sites, parking lots and perimeter sidewalks to the curb; mobile surface cleaning BMPs and BASMAA certification and reporting potential violations observed to the City's IDDE Inspector or to on-call "after-hours" municipal staff. This year environmental staff talked about recycling dry material and food scraps.

Service Yard Improvements

In FY 15-16 the Service Yard mechanic shop was remodeled and reorganized to provide a meticulously clean, covered area provide vehicle and equipment repair and to store tools and equipment.

Reconstruction of covered storage bunkers on the northwest corner of the Yard was planned and budgeted to start construction at the beginning of fiscal year 16-17, to make better use of the space and to ensure plenty of room for all stockpiled loose construction and landscaping material including green waste, wood chips, sand, dirt and trash. The bunker area is covered, graded and bermed so as not to discharge to the storm drain.

Storm Drain Maintenance

Inspection and cleaning of all full trash capture devices and inlets within the right-of-way started this fiscal year in August 2015. Trash Full Capture devices were inspected again and cleaned as needed in March 2016. All inlet pipe screens (trash full capture) will continue to be inspected twice annually and cleaned as needed each fiscal year prior to and near the end of the rainy season with at least a 3 month interval between cleanings. City inspections have shown that all pipe connector screens have been less than half covered by debris at the time on each inspection. The City of Cupertino and Town of Los Gatos have continued an equipment sharing agreement which provides Cupertino the ability to lease a storm drain inlet vacuum truck from the Town of Los Gatos to clean all scheduled drain inlets and full trash capture devices. This approach provides for a more efficient and effective method of cleaning than the traditional manual clam shovel method which has been used in the past.

Storm Drain Medallions

Maintenance continued to replace fading painted storm drain stencils with “No Dumping Flows to Creek” stainless steel medallions at drain inlets in the public right-of-way and at City facilities. The metal medallions are applied without paint which minimizes the potential for paint chips to enter the drainage system and they are more durable allowing longer times before repair or replacement is necessary.

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:

Service Center staff are trained annually on the correct application of these BMPs and the Public Works Maintenance Superintendent ensures that effective BMPs and cleanup of BMPs upon project completion are required contractually for all public works projects. Building inspectors are also trained annually on stormwater BMPs and they provide additional reports to the IDDE Inspector if they see contractors working with inadequate BMPs or if they observe 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 annually to use dry methods to cleanup spills. The maintenance staff are also trained on BASMAA Mobile Surface Cleaning BMPs during the annual corporation yard staff training. Six City of Cupertino maintenance workers and the City’s IDDE Inspector have been trained and certified on implementation of BASMAA surface cleaning 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.

Y	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
Y	Control of discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
Y	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 this year. Graffiti removal, when necessary, is conducted by painting over graffiti using BMPs rather than using wet methods that require surface cleaning. The Assistant Public Works Director and Public Works Superintendent ensure 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 June 2, 2016.

C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural ¹ roads:		<input checked="" type="checkbox"/> Y	<input type="checkbox"/> No
If your answer is No then skip to C.2.f.			
Place a Y in the boxes next to activities where applicable BMPs were implemented. If not applicable, type NA in the box and provide an explanation in the comments section below. Place an N in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.			
<input checked="" type="checkbox"/> Y	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas		
<input checked="" type="checkbox"/> Y	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources		
<input type="checkbox"/> N/A	No impact to creek functions including migratory fish passage during construction of roads and culverts		
<input checked="" type="checkbox"/> Y	Inspection of rural roads for structural integrity and prevention of impact on water quality		
<input checked="" type="checkbox"/> Y	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion		
<input type="checkbox"/> N/A	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate		
<input type="checkbox"/> N/A	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 15-16, 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 and BMP 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 planned and prioritized street maintenance or, when applicable, in response to complaints. The Public Works Superintendent 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 by City crews or contractors is done in "rural" areas.</p> <p>The most recent public works activity near a creek in Cupertino was related to the Stevens Creek Restoration Project (phases 1 and 2, from 2009-2014). The project won CASQA and SCVURPPP Site Design awards. For these projects, extraordinary care was taken to protect fish and wildlife</p>			

¹Rural 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.

while replacing concrete culvert bridge crossings (to support fish passage) with 3 environmentally-friendly small bridges for pedestrians and small maintenance carts. To ensure protection, fish and wildlife experts captured and moved the aquatic life to a safe habitat for the duration of the project. The creek corridor was returned to its natural stream geomorphology as the creek was widened to slow the flow and prevent scouring and erosion. Banks were strengthened with log crib walls and indigenous vegetation plantings and back water “resting” areas were created for fish to hide out during large storms. The City’s governing body has put an emphasis on protecting and restoring creeks that flow through Cupertino and creating opportunities to educate the community and students about creek stewardship and riparian wildlife, trees and plants. Any work proposed in or next to a creek in Cupertino would go through meticulous design and environmental impact review to ensure maximum protection.

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>In 2010 the City replaced an outdoor wash pad and steam wash area with a closed loop, self-contained wash rack (with no discharges to the storm drain or sanitary sewer). Solids are captured as sludge and disposed in landfill and wash water is recycled. The Bio 25R Marine Grade Aluminum Water Reclamation System receives monthly inspection and maintenance from its manufacturer (ClearBlu Environmental). Service Yard staff conducts daily inspections of the wash rack using an inspection check list found in the City's SWPPP (2013) to ensure continued efficiency. To further protect the nearest drain inlet (DI #2 protected with a hydrocarbon filter) from wash water discharges, a permanent rubber berm was installed at the low end of the wash station area.</p> <p>The Service Yard undergoes a thorough inspection every September when the Environmental Programs Manager, the Streets & Yard Supervisor and the City's Hazardous Materials (Haz Mat) Specialist inspect all drain inlets and service activity areas to identify potential improvements and ensure that the Yard is ready for the rainy season. (See FY 15-16 inspection notes at the end of this section. Additionally, all drain inlets are inspected quarterly by the Haz Mat Specialist and drain inlets are cleaned and filters are replaced 3 times per year by REM for the 8 inlets with trash capture and hydrocarbon filters. Unfiltered inlets are cleaned quarterly by the Elmwood crew under direction of a city supervisor.</p> <p>The annual Service Center/Yard staff training was held during a monthly staff meeting on June 2nd. Veteran staff are reminded and new staff are introduced to implementation of BMPs in the field and at the Yard. Crews are reminded to always use dry cleanup methods unless water is required for health and safety. Then BASMAA surface cleaning practices are used. Staff provide feedback and may suggest improvements. A drain inlet in the sub-grade loading dock has been watched carefully for years as a potential path for polluted runoff. The loading dock was scheduled to be filled in and brought up to grade level in FY 16-17, mitigating the threat to the inlet.</p>	

The machine shop was reorganized and immaculately renovated this fiscal year. After the upgrades and the addition of solar panel roofing over the main city vehicle and equipment parking lot at the Yard, the Superintendent held public works tours for other departments to demonstrate the quality of maintenance and facility improvements achieved by Service Center staff.

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)	9/3/15	With the exception of trace amounts of dust and leaves in the trench drains around the fuel island, there were no visible pollutants in the MSC drainage system. (Quarterly Yard cleaning is coming up next week on Saturday, Sept 12th)	No action required. Consider asking sweeper contractor to sweep Yard monthly. (Now included in new contract, effective July 1, 2016.)
MSC	9/3/15	There was no indication of hydraulic leaks throughout the Yard. Equipment is now sold or moved quickly.	Area where clam bucket is parked was clean.
MSC	9/3/15	The pavement throughout the corporation yard was very clean. In front of the covered bunkers (Shed 3B) debris, green waste, and other stockpiled loose materials were kept as close to the overhang as possible. Walls of bunkers that store yard waste, garbage & dirt etc. are aging. A separate bunker is needed to store recyclables.	No action required. Staff suggested creating another storage bay by moving bunker walls closer together during reconstruction. City put it on FY 16-17 CIP list.
MSC	9/3/15	The front of the wash rack was very clean. The plastic bumper, installed 2 years ago at the front of the wash rack is still in good condition.	No action required
MSC	9/3/15	The stencil storage area behind Sheds 1 & 2 (back of Sign Shop) was clean. Paint scraping is now done in the covered trash bunker area to contain paint chips.	No action required
MSC	9/3/15	There are a few locations where pigeon droppings still accumulate on the ground; staff discourage pigeon roosting by installing mesh and other deterrents.	Monthly sweep of Yard with street sweeper should reduce build-up.
MSC	9/3/15	Staff is cleaning up diesel spills at fuel island before they evaporate using absorbent. Spill kits are checked with each hazardous material inspection.	No action required
MSC	9/3/15	DI#15: Paint has worn off steel inlet marker at drop inlet in parking lot due to excessive traffic.	Look into new type marker for drop inlets with traffic.
MSC	9/3/15	DI#2 near wash rack is dirty; Inlet is plugged for protection	DI 2 has hydrocarbon filter.

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

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

(For FY 15-16 Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Summary:

- (1) Legal authority to enforce compliance with MRP 2 is provided in Cupertino’s municipal code, chapter 9.18, the City’s Stormwater Pollution Prevention and Watershed Protection Ordinance, posted on the City’s website at www.cupertino.org. Authority to require treatment of regulated projects ‘drainage area with 100% LID measures after Dec 1, 2011 is provided in section 9.18.130 of Cupertino’s municipal code.
- (2) Requirements are made known to project applicants through a notice of Conditions of Approval for new and redevelopment projects and for tenant improvements on commercial properties. Requirements include a roofed trash enclosure, C.3 treatment measures, and hydro-modification measures (when applicable). The notice of Conditions of Approval is given to and requires the signature of each project applicant during the permit review process. The Environmental Division reviews all commercial new and redevelopment to ensure compliance with MRP 2 and City ordinances that exceed MRP compliance, such as the requirement to install trash full capture devices on inlets at all C.3 projects that connect to the City’s storm drain system and the permanent installation of outdoor public trash-recycling-organics trio bins on private property near public right-of-way to ensure convenient waste disposal for pedestrians. The City of Cupertino adheres to the guidance developed by SCVURPPP to address Municipal code section 9.18.210. M. prohibits copper roofing and downspouts and any discharge of wastewater to the storm drain from cleaning architectural features. This requirement is included in the City’s Public Works Environmental Conditions of Approval.
M. Copper Roofing and Architectural Materials.
 1. Copper metal roofing, copper granule-containing asphalt shingles and copper gutters shall not be permitted for use on any residential, commercial or industrial building for which a building permit is required.
 3. Discharges to the storm drain collection system of wastewater generated during the installation, cleaning, treating, and washing of copper architectural features, including copper roofs are prohibited. Discharges to landscaping or to the sanitary sewer system (with approvals from Cupertino Sanitary District and the City of San Jose’s Water Pollution Control Plant) are allowed.
- (3) The City of Cupertino adheres to the guidance developed by SCVURPPP to address urban runoff water quality considerations during CEQA review as described in the SCVURPPP C.3 Handbook (updated June 2016).
- (4) **Staff training** was provided by SCVURPPP to six (6) Planning and Public Works staff at the annual C.3 workshop on June 9, 2016 and to six (6) Planning and Public Works staff at the new Green Infrastructure workshop on April 25, 2016. Internally, several meetings were held in early spring with Public Works, GIS, CIP and Environmental staff to determine the best approach to reviewing Cupertino’s CIP list (2016-2017) for potential opportunities to implement green infrastructure. A final city meeting was held on May 11th to develop the list of potential green infrastructure projects for this annual report. See details in this report under **C.3.j.i.v.(d) Green Infrastructure Outreach**.
- (5) SCVURPPP brochures and fact sheets are provided at the City’s building permit counter and to building and planning staff to answer questions and offer examples of C.3 treatments and green infrastructure concepts. See SCVURPPP annual report for specific outreach

materials. Public Works engineers and environmental staff also provide guidance and examples to applicants during the permit review period on topics relevant to their project(s).

- (6) Site Design measures that minimize impervious surfaces; minimize disturbances to natural drainage; and minimize stormwater runoff are strongly encouraged during Public Works and Planning review of all unregulated projects to keep pollutants out of storm water, groundwater, creeks and the Bay. At a minimum, as a condition of approval, the City requires all unregulated projects to direct roof runoff to vegetated areas.
- (7) Public Works Environmental conditions of approval require, at a minimum, the following source control measures during review of unregulated projects: 1) covered trash/recycling bin and compactor enclosures; 2) stenciled or labeled storm drain inlets on all private property inlets; 3) sanitary sewer drains installed near swimming pools; and 4) landscaping that minimizes irrigation and runoff, promotes infiltration, minimizes the use of pesticides and fertilizers, incorporates native grasses, plants and trees and follows Bay Friendly landscaping design guidelines. Pool, spa and fountain water and fire sprinkler test water must not be allowed to discharge to the storm drain system. If discharge to landscaping or to the sanitary sewer is not feasible the water must be contained and taken to a site where it can be used for irrigation, dust control or infiltrated for groundwater recharge. Source control measures are required in municipal code section 9.18.210.
- (8) **The City's 2014 General Plan, "Community Vision 2040"** integrates water quality and watershed protection with water supply, flood control, habitat protection, groundwater recharge, and other sustainable development principles and policies. **Chapter 6, the "Environmental Resources and Sustainability Element"**, clearly demonstrates the City's commitment to building and incorporating green infrastructure. 1) As Cupertino continues to change and grow, the City is committed to enhancing the urban ecosystem in the form of urban forestry management, integration of green infrastructure, treatment of parks and open space, landscape and building requirements; 2) Integrate multiple benefits of green infrastructure with climate resiliency and adaptation. 3) The City of Cupertino has adopted a Water Efficient Landscape Ordinance and Green Building Ordinance to ensure that the city can meet and State and regional targets. Water resource management has moved away from supply side efforts to managing how water is used, emphasizing conservation, stormwater treatment and efficiency in infrastructure planning, design and land use. 4) The City's General Plan policies and strategies include: **Strategy ES-7.2.3:** Minimize impervious surface areas, and maximize on-site filtration and the use of on-site retention facilities. **Strategy ES-7.3.1:** Development Review. Require LID designs such as vegetated stormwater treatment systems and green infrastructure to mitigate pollutant loads and flows. 5) **Policy ES- 5.2:** Encourage the clustering of new development away from sensitive areas such as riparian corridors, wildlife habitat, public open space preserves and ridgelines. New developments in these areas must have a harmonious landscaping plan approved prior to development. 6) **Strategy ES-7.4.1:** Develop and maintain a Storm Drainage Master Plan which identifies facilities needed to prevent "10-year" event street flooding and "100-year" event structure flooding and integrate green infrastructure to meet water quality protection needs in a cost effective manner.

C.3.b.iv.(2) ► Regulated Projects Reporting

See attached table C.3.b.iv.(2).

C.3.c.ii ► Design Specifications for Pervious Pavement Systems

(For FY 2015-16 Annual Report only). Submit design specifications for pervious pavement systems that have been developed and adopted on a regional or countywide basis. If design specifications have been adopted and are contained in a Countywide stormwater handbook, include a reference to the handbook.

Summary:

The City of Cupertino is following the design specifications included in the SCVURPPP C.3 Stormwater Handbook, revised June 2016. The SCVURPPP Management Committee adopted the revised SCVURPPP C.3 Handbook on June 16, 2016. It is posted at http://www.scvurppp-w2k.com/nd_wp.shtml

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

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
-------------------------------------	-----	--------------------------	----

Comments (optional): Currently the City requires 100% LID treatment onsite for all Regulated Projects and does not allow alternative compliance under Provision C.3.e. If an appropriate opportunity for alternative compliance comes up the City will consider allowing alternative compliance.

C.3.e.v ▶ Special Projects Reporting			
1. In FY 2015-16, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?	<input type="checkbox"/>	Yes	No
2. In FY 2015-16, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the C.3.b.iv.(2) Table, and the C.3.e.v. Table.	<input type="checkbox"/>	Yes	No
If you answered "Yes" to either question, <ol style="list-style-type: none"> 1) Complete Table C.3.e.v. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. 			

C.3.h.v.(2) ▶ Reporting Newly Installed Stormwater Treatment Systems and HM Controls (Optional)
On an annual basis, before the wet season, provide a list of newly installed (installed within the reporting year) stormwater treatment systems and HM controls to the local mosquito and vector control agency and the Water Board. The list shall include the facility locations and a description of the stormwater treatment measures and HM controls installed.
See attached Table C.3.h.v.(2) for list of newly installed Stormwater Treatment Systems/HM Controls.

C.3.h.v.(3)(a) –(c) and (f) ▶ Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting	
Option 1 – Reporting Site Inspections	Number/Percentage
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY14-15)	28

Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 15-16)	33
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 15-16)	14
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 15-16)	50%¹

C.3.h.v.(3)(d)-(e) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

Provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:

This year the Public Works Inspector visited 14 C.3 sites and inspected 38 structures. Additionally, 5 initial inspections were conducted. In fiscal year 15-16, no problems were observed at any of the regulated project sites; all installed treatment systems were operational and well maintained. With the exception of minor problems observed last fiscal year, a few pieces of trash in three media filters, there have not been any maintenance issues since 2009. Bio-swales at one site in Cupertino in 2009 were subject to excessive foot traffic and heat from the pavement, which caused the grasses to die. The swales were revegetated and protected by a small two-rail fence and have not shown any signs of problems during subsequent inspections. The three sites that were found to be marginally maintained in FY 14-15 (with small amounts of trash) were inspected again this year (FY 15-16) to ensure ongoing maintenance.

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

Summary:

No changes are proposed for the C.3 O&M inspection program. The post construction stormwater BMP operation and maintenance program inspections for FY 15-16, did not present any significant challenges. The combination of increased awareness, education provided by city staff, and face to face meetings at regulated sites, continue to strengthen the program. Property owners are not enthused about receiving notification that an inspection is required and that they are responsible for the cost and maintenance of each structural treatment on their property, but they have accepted the responsibility of maintaining HM controls and stormwater treatments and understand why it is necessary. Cupertino is fortunate, as a smaller city, to have a manageable list of these treatments and the opportunity to have the time to provide direct education and guidance to property owners.

¹ Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year (FY 14-15), per MRP Provision C.3.h.ii.(6)(b).

The City's permanent treatment O&M inspection program 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 a private property owner to remediate any deficiencies. 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 upon installation.
- The City inspects all newly installed pervious pavement systems that total 3,000 sf or more; and all stormwater treatments and HM controls on each C.3 regulated site for at least 20% of the total number of C.3 regulated sites 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 a C.3.h.iv project reporting table (Excel database).
- The Public Works Inspector field-checks construction of the on-site permanent treatments at C.3 regulated project sites 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 Sept 1st 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 cease to be necessary as he becomes very familiar with the existing treatment measures throughout the City.
- The Inspector will review 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 and he may use them 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 C.3 O&M Verification Enforcement Response Plan (ERP) and in City Code Section 9.18.190.
Once all necessary repairs have been completed, the Public Works Inspector will note this in the City’s Excel database, including the date remedial work was completed and any other pertinent information (e.g., if City intervention was required to complete corrective work).

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:

BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittee staff. Cupertino’s Public Works engineering staff have modified the City’s C.3 regulated project review conditions of approval, policies/procedures and checklists to require all applicable projects approved after December 1, 2012 to direct roof runoff onto vegetated areas and consider implementing additional site design measures listed in Provision C.3.i.

C.3.j.i.v.(d) ► Green Infrastructure Outreach

On an annual basis, provide a summary of your agency’s outreach and education efforts pertaining to Green Infrastructure planning and implementation.

Summary:

Internal Green Infrastructure education and training meetings on MRP 2 requirements

February 4, 2016 - the Environmental Programs Manager met with the City’s CIP Manager and a project manager to discuss the City’s Green Infrastructure Work Plan Timeline. At that time only projects that had been approved and funded for FY 15-16 were available. Staff discussed the definition of green infrastructure and any early implementation opportunities for the City.

February 26, 2016 – Environmental Programs Manager added Green Infrastructure plan development to Public Works FY 2016-2017 annual work plan.

April 7, 2016 - the Environmental Programs Manager met with the City’s GIS Manager to identify GIS maps that are available for G.I. Plan and to discuss the next steps toward creating a GIS map for Cupertino to identify the location of green infrastructure within the city.

May 11, 2016 - Environmental Programs Manager met with CIP Manager and Public Works Engineer to review the City’s list of approved or planned projects for FY 2016-2017. Using BASMAA “Guidance for identifying Green Infrastructure Potential in Municipal Capital Improvement Program Projects”, staff selected planned and potential green infrastructure projects and discussed how Public Works staff will incorporate green

infrastructure measures to the maximum extent practicable in each public infrastructure project with green infrastructure potential during the permit term.

Presentations have not yet been made to City Council, but green infrastructure strategies and goals were included in the City's General Plan which was revised in 2014.

Six (6) Planning and Public Works staff attended **SCVURPPP's Green Infrastructure workshop on April 25, 2016**. Please see the SCVURPPP FY 15-16 Annual Report for a summary of Green Infrastructure outreach efforts implemented by the Program.

C.3.j.ii.(2) ► Early Implementation of Green Infrastructure Projects

On an annual basis, submit a list of green infrastructure projects, public and private, that are already planned for implementation during the permit term and infrastructure projects planned for implementation during the permit term that have potential for green infrastructure measures. Include the following information:

- A summary of planning or implementation status for each public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. (See C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects).
- A summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description of the project and the reasons green infrastructure measures were impracticable to implement (see C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure).

Background Information:

Describe how this provision is being implemented by your agency, including the process used by your agency to identify projects with potential for green infrastructure, if applicable.

The City of Cupertino is using the BASMAA "Guidance for identifying Green Infrastructure Potential in Municipal Capital Improvement Program Projects" (May 6, 2016) to review proposed capital improvement projects and identify potential green infrastructure projects.

Summary of Planning or Implementation Status of Identified Projects:

Attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B list Cupertino's potential and planned Green Infrastructure projects.

Cupertino's Stevens Creek Corridor Restoration Project Phase 1 and Phase 2 demonstrate the City of Cupertino's commitment to the early implementation of green infrastructure.

Cupertino's most well-known green infrastructure project, Stevens Creek Corridor and Park Restoration, has won several awards, including SCVURPPP's Site Design Award in 2010 and 2015, CASQA's Outstanding Sustainable Stormwater Project Award in 2015 and APWA's 2015 Public

Works Project of the Year. The project involved widening the creek channel, creek rerouting, a new trail, new landscaping, stabilizing the banks with natural materials and methods, and was recognized for protecting rare wildlife like the Central California Coast steelhead fish.

The creek restoration design mimics the natural creek bed forms found upstream of the project and creates a stable channel without concrete or man-made products. The new channel was constructed using natural materials harvested from the site: boulders, earth, tree trunks, root balls, cobbles/gravels for the creek bed and plantings. Towering sycamore and oak trees were protected with special measures as were the trees in the existing heritage orchard and throughout the site.

Phase One* in 2008-2009, saw major renovations to Blackberry Farm along with creek restoration, creek rerouting, a new trail, new landscaping, and a new pervious parking lot. The project replaced 3.4 acres of asphalt parking lot at Blackberry Farm with a new a permeable and partially vegetated (geo cell) parking surface. Stevens Creek has been identified as one of the prime steelhead habitats within Santa Clara County. Four partial barriers to steelhead migration were removed. Creek banks that had been compacted and denuded by years of heavy picnic use were restored with native plants. The project site, which lies within a floodplain, was re-designed to maintain the natural floodplain of the creek and to protect surrounding neighborhoods from flooding while reducing run-off.

Phase Two** in 2014-2015, completed the Stevens Creek riparian restoration in a section of the creek that was lined with riprap or smooth concrete armoring which forced the creek into a narrow channel. The failing concrete-lined channel, which was badly undercut by scour forces from creek flow, was replaced with pool-riffle sequences and fish habitat structures. Two new creek backwater rest areas were created to improve channel performance, provide wildlife refuge during high flows and expand habitat complexity. New bio-infiltration areas along the east side of the creek capture and filter runoff that previously went directly into the creek from the golf course and paved surfaces. The restored creek banks were planted with native vegetation. An all-weather trail using colored pervious concrete was added using a custom “tree-friendly” subgrade design and gentle lower compaction installation method where it occurred in proximity to trees. (The investment to protect the large creekside trees was about \$1/square foot higher.) The trail material is fully accessible, low maintenance, allows excellent infiltration, protects creek water quality, meets floodplain standards and is compatible with the creekside wildlife setting. The site is already a popular destination for cyclists, pedestrians and creek and wildlife fans of all ages. Project enhancements feature extensive new public open space, environmental education areas, and a completed trail connection. The project supports a healthy, self-sustaining watershed and demonstrates the compatibility of water conservation and flood protection with public access, recreational and educational amenities, and outstanding wildlife habitat.

Funding was provided with grants and support from Bay Area Air Quality Management District; CA Dept. of Parks and Recreation; CA Dept. of Transportation; CA Natural Resources Agency; Cupertino Sanitary District; Metropolitan Transportation Commission, Santa Clara Valley Transportation Authority and Santa Clara Valley Water District. The Water District awarded grants totaling \$1.39 million to the City of Cupertino for Phase 1 to help restore nearly one half mile of Stevens Creek. In addition to funding support, the Water District provided expertise on the design of the project. Phase 2 also was partially funded by two Water District grants totaling \$850,000. The total project construction contract was completed for \$3.3 million. In addition to Cupertino, nine grantors and outside funding partners recognized the regional value of this project, and together contributed \$2.76 million toward its implementation.

Economic benefits of the restoration project

In 1998, a storm washed long sections of the creek banks and underground utility lines were exposed. The failed banks were repaired with extensive “armoring”. This creek restoration project removed the threat of more failures during prolonged storms. The creek widening, removal of its failing

concrete channel lining, stabilization using biotechnical methods, and the new onsite infiltration and bioretention areas, serve to attenuate peak flows and to improve the channel's ability to respond to significant rain storms.

*Phase 1 construction commenced June 5, 2008 and opened & dedicated on July 4, 2009.

**Phase 2 construction commenced June 11, 2013 and opened & dedicated July 1, 2014.

C.3.j.iii.(2) ▶ Participate in Processes to Promote Green Infrastructure

On an annual basis, report on the goals and outcomes during the reporting year of work undertaken to participate in processes to promote green infrastructure.

See the SCVURPPP FY 15-16 Annual Report for a summary of efforts conducted to help regional, State, and federal agencies plan, design and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.

C.3.j.iv.(2) ▶ Tracking and Reporting Progress

On an annual basis, report progress on development and implementation of methods to track and report implementation of green infrastructure measures and provide reasonable assurance that wasteload allocations for TMDLs are being met.

Please refer to the SCVURPPP FY 15-16 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

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

Project Name Project No.	Project Location ⁸ , Street Address	Name of Developer	Project Phase No. ⁹	Project Type & Description ¹⁰	Project Watershed ¹¹	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹²	Total Replaced Impervious Surface Area (ft ²) ¹³	Total Pre- Project Impervious Surface Area ¹⁴ (ft ²)	Total Post- Project Impervious Surface Area ¹⁵ (ft ²)
Private Projects											
Biltmore Clubhouse	10159 S. Blaney Ave at Stevens Creek Blvd	Prometheus Real Estate Group	2 of 2	Re- development	Calabazas Creek	10.12	0.9	12,010	10,150	281,370	293,380
Apple - VP01	19191 Vallco Pkwy at N. Tantau Ave	Apple Inc.	1 of 1	Construction of Reconfigured parking lot & associated site work	Calabazas Creek	7.97	6.05	0	191,548	284,549	191,548
Foothill Live Work	10121 N. Foothill Blvd at Silver Oak Way	Ronald Tate Development, Inc.	1 of 1	Redevelopme nt, residential with 5 live/work homes & site improvements	Stevens Creek	0.62	0.62	0	14,592	21,373	14,592
Cherryland	20840 McClellan Rd near McClellan Place	Cherryland, LLC	1 of 1	Redevelopme nt, residential with 3 single family homes and site improvements	Calabazas Creek	0.96	0.96	22,679	5,070	5,070	27,749
Hyatt Hotel	10380 Perimeter Rd at N. Wolfe Road	KCR Development	1 of 1	Commercial development	Calabazas Creek	2.38	2.38	11,898	74,786	74,786	86,684

⁸Include cross streets

⁹If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

¹⁰Project 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.

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

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

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

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

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

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

Project Name Project No.	Project Location ⁸ , Street Address	Name of Developer	Project Phase No. ⁹	Project Type & Description ¹⁰	Project Watershed ¹¹	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹²	Total Replaced Impervious Surface Area (ft ²) ¹³	Total Pre- Project Impervious Surface Area ¹⁴ (ft ²)	Total Post- Project Impervious Surface Area ¹⁵ (ft ²)
				including a parking garage							
Public Projects											
N/A - None approved in FY15-16											
Comments:											

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

Project Name Project No.	Application Deemed Complete Date ¹⁶	Application Final Approval Date ¹⁷	Source Control Measures ¹⁸	Site Design Measures ¹⁹	Treatment Systems Approved ²⁰	Type of Operation & Maintenance Responsibility Mechanism ²¹	Hydraulic Sizing Criteria ²²	Alternative Compliance Measures ^{23/24}	Alternative Certification ²⁵	HM Controls ^{26/27}
Private Projects										
Biltmore Clubhouse	May 27, 2014	January 28, 2016	- Properly Designed Trash Storage Areas - Storm drain stenciling - Efficient landscape irrigation systems - Pavement maintenance	- Minimize impervious surface - Minimum-impact parking lot design - Microdetention in landscape	Bioretention Area	O&M Agreement with Private Landowner	2b – Flow 2 X the 85 th %tile hourly rainfall	N/A	Third Party Certification; Schaaf & Wheeler	Not Required. Project below threshold. (Bioretention Areas provide storage for hydro-modification)
Apple - VP01	June, 2015	October, 2015	- Inlet Stenciling - Efficient landscaping	- Runoff to landscape - Tree Credits	Bioretention Area	O&M Agreement with	3 – Combin	N/A	Third Party Certification;	Not Required. Project reduced

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

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

¹⁸List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹⁹List 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.

²⁰List 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.).

²¹List 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.

²²See 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).

²³For 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.

²⁴For 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.

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

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

²⁷If 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.iv.(2) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)

Project Name Project No.	Application Deemed Complete Date ¹⁶	Application Final Approval Date ¹⁷	Source Control Measures ¹⁸	Site Design Measures ¹⁹	Treatment Systems Approved ²⁰	Type of Operation & Maintenance Responsibility Mechanism ²¹	Hydraulic Sizing Criteria ²²	Alternative Compliance Measures ^{23/24}	Alternative Certification ²⁵	HM Controls ^{26/27}
			- Low-flow irrigation - Covered Trash Storage	- Self-retaining landscaping		Private Landowner	ation Flow & Volume		HMH Engineers	impervious surfaces.
Foothill Live Work	May 20, 2014	January 1, 2016	- Beneficial Landscaping - Storm drain labeling - Pavement sweeping - Catch basin cleaning - Good housekeeping	- Pervious pavement - Disconnected downspouts - Minimize impervious surfaces	Bioretention Area	O&M Agreement with Private Landowner	2c – Flow - 4% method	N/A	Third Party Certification; Schaaf & Wheeler	Not Required. Project below threshold.
Cherryland	September 17, 2013	October 29, 2015	- Efficient landscaping - Low-flow irrigation - Pavement maintenance	- Self-retaining landscaping - Permeable surface (Private Street) - Disconnected downspouts	Bioretention Area	O&M Agreement with Private Landowner	2a – Flow 10% of 50-year peak flow rate	N/A	Third Party Certification; HMH Engineers	Not Required. Project below threshold.
Hyatt Hotel	July 3, 2015	June 23, 2016	- Covered Dumpsters drain to sanitary sewer - Landscaping - Maintenance	- Minimum-impact parking lot design - Cluster structures	Bioretention Area	O&M Agreement with Private Landowner	3 – Combination Flow & Volume	N/A	Third Party Certification; Schaaf & Wheeler	Not Required. Project reduced impervious surfaces.
Public Projects - None approved in FY 15-16										

C.3.h.v.(2). ► Table of Newly Installed²⁸ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

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

Date Inspected	Name of Facility	Address of Facility	Owner & Party Responsible ²⁹ For Maintenance	Type of Treatment/HM Control(s)
8/20/2015	Saich Way Station APN 326-32-041 and -042	20803 Stevens Creek Blvd	Mike Kronzer Borelli Investments - (408) 453-4700	Bioretention treatment
8/20/2015	Saich Way Station APN 326-32-041 and -042	20803 Stevens Creek Blvd	Mike Kronzer Borelli Investments - (408) 453-4700	Infiltration Trench
9/8/2015	Cupertino Village (APNs: 316-05-050, 051, 052, 053, 056, 072 and 316-45-017)	10869 N. Wolfe Road	Chance McInerney, RMC Constructors – 559-513-9910, chancemrnc@icloud.com	Bioretention treatment
7/8/2015	Apple Parkway VP01; APN 316-20-074	19191 Vallco Parkway	Apple Inc. - Maria Moules	Bioretention treatment
6/23/2016	Apple Parkway VP02; APN 316-20-075 and -076	19333 Vallco Parkway	Apple Inc. - Maria Moules	Bioretention treatment

²⁸ “Newly Installed” includes those facilities for which the final installation inspection was performed during this reporting year.

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

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure

<p>Comments: Per the BASMAA guidance, the City is not reporting projects that are “too early to assess”. They are kept in the City’s CIP G.I. database. In May 2016, the City reviewed 58 public projects for GI Potential. Of these 3 had marginal potential for incorporating G.I. and are included in this report. Five (5) were too early to assess.</p>				
Project Name and Location ²⁴	Project Description	Status ²⁵	GI Included? ²⁶	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ²⁷
City Hall – Turf Reduction	Replace turf with drought tolerant landscape	Pre-Design for 2017	TBD	Replace current irrigated landscape with drought tolerant plantings to reduce irrigation and runoff.
Sport Center-Children's Play Area	Add small play area between building & tennis courts to enhance child care service	Pre-Design for 2017	TBD	Pervious surface will be considered
2016 Bicycle Plan Implementation	Plan bike lanes for safe routes to schools and new bike lane amenities.	Will be further defined in FY 16-17	TBD	Pervious surface may be considered for off-street class I bike facilities.

²⁴ List each public project that is going through your agency’s process for identifying projects with green infrastructure potential.

²⁵ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

²⁶ Enter “Yes” if project will include GI measures, “No” if GI measures are impracticable to implement, or “TBD” if this has not yet been determined.

²⁷ Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

C.3.j.ii.(2) ► Table B - Planned Green Infrastructure Projects			
Project Name and Location ²⁸	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
McClellan West-Parking Lot Improvement at McClellan Ranch Preserve	Construct additional parking to support the programs at McClellan Ranch Preserve and the opening of the Environmental Education Center in 2015	Begin Planning for Construction in 2017	Construct a new “green” meadow-style parking lot that is compatible with the creek environment
Stevens Creek Corridor Restoration Phase 1 and 2	The \$3.3 million creek and park restoration project involved widening a creek channel, creek rerouting, a new trail, new landscaping, stabilizing the banks with natural materials and methods, and was recognized for protecting the Central California Coast steelhead. The creek restoration design mimics the natural creek bed forms found upstream of the project and creates a stable channel without concrete or man-made products.	Phase 1 completed in 2009; Phase 2 completed in 2014 Phase 1 construction commenced June 5, 2008 and opened & dedicated on July 4, 2009. Phase 2 construction commenced June 11, 2013 and opened & dedicated July 1, 2014.	The project replaced 3.4 acres of asphalt parking lot at Blackberry Farm with a new a permeable and partially vegetated (geo cell) parking surface and added several LID features. See detailed project description under C.3.j.ii.(2) ► Early Implementation of Green Infrastructure Projects

²⁸ List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The City prioritized and conducted IND inspections at facilities identified as having the likelihood of contributing to pollution of stormwater runoff or that had recent documented violations addressed through the IDDE process. These facilities include high volume retail, restaurants, grocery stores, automotive repair businesses, gasoline stations, horticultural nurseries, and dry cleaners. During FY 15-16, the City inspected 76 different businesses. Of that total, 40 of the businesses inspected were food facilities and the remaining 36 were non-food related in nature, but were either in high litter retail areas or had other business processes that may have an increased likelihood of stormwater pollution. As with previous years, businesses scheduled for inspection were sent re-inspection fee notices and an IND brochure outlining the IND inspection program. Re-inspection fees may be assessed by the City if there is a violation related to a discharge or threatened discharge requiring a return visit by the inspector to check compliance. Re-inspection fee assessments are typically for significant violations and/or repeated non-compliance and are at the discretion of the inspector and supervisory staff. In FY 15-16, no businesses were assessed re-inspection fees in the IND program.

Of the businesses inspected in FY 15-16, 9 were determined to have violations. The types of violations were generally related to uncontained trash and litter, unmaintained storm drain inlets, on-site sediment management, and improper storing/covering of materials and equipment. In the instances where violations were discovered, inspection staff worked with the property owner and/or site manager to have the violations corrected.

During FY 15-16, the Environmental Programs Division increased staffing by receiving a full-time Environmental Programs Specialist who was previously assigned part-time to the division as a Senior Code Enforcement Officer. The Environmental Programs Specialist provides direct supervision of the Non-Point Source Pollution Inspector, manages inspections and compliance on complex incidents, reviews development plans, and works administratively to streamline inspection and compliance related procedures. During FY 15-16, the City continued to include the building inspectors in the IND facility inspections. Discussion and training were provided to the inspectors and a one page (double-sided) laminated inspection checklist was created to provide inspection consistency and expanded guidance for the inspectors. This is a valuable approach to reinforce with the building inspectors- the importance of looking at facilities and residential properties as a potential source of stormwater pollution when they are conducting their regularly scheduled building code permit inspections, which are not specifically part of a stormwater inspection.

In an effort to enhance communication with facility owner/operators, late in FY 15-16 the City developed a Stormwater Management Inspection Notice. This notice was developed to provide a facility owner/operator with a written record of an inspection detailing violations of an actual or potential discharge. This inspection notice will be a companion document to the IND brochure developed in FY 14-15 and/or any other BMP brochures provided by the inspectors. Use of this inspection notice will be fully implemented in FY 16-17.

In FY 15-16, the Environmental Programs Specialist and Environmental Programs Outreach Coordinator began to pilot a program of conducting new business inspections at food facilities. The goal of the program is to provide business owners new to Cupertino, with an overview of the IND

program, and other programs such as Green Business and the County operated CESQG (Conditionally Exempt Small Quantity Generator) program to manage the proper disposal of mercury containing florescent lamps, paint, and other hazardous waste, that if handled inappropriately, may create a discharge. Staff began with 7 such site visits at new restaurants in a newly constructed, large retail outdoor shopping center. This program will continue to be expanded in FY 16-17.

There continues to be significant redevelopment of commercial property in Cupertino. The Program Manager and Program Specialist have a key role in site and building plan review and as a result, require retrofitting existing uncovered trash enclosures with roof covers or requiring new covered trash enclosures to be constructed where there was previously not one on the site. Other requirements made through the building permit plan review are requiring the installation of waste trio litter receptacles in high pedestrian areas and ensuring on-site storm drain inlets are clearly marked with "No Dumping Flows to Creek" language.

C.4.b.iii ► 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 Potential Facilities List for Cupertino that could reasonably be considered to cause or contribute to pollution of stormwater runoff is attached at the end of this section. The plan was modified this year to include a listing of all shopping centers in the City designated for common area inspection. These shopping centers will be inspected in entirety, including many small businesses that offer professional services such as insurance or boutique clothiers that would not typically have the potential for stormwater pollution. Permittee staff believe including them in the inspection program will raise stormwater awareness and provide an opportunity to educate about BMPs and how/when they should report any potential/actual discharges they may observe in the shopping center they occupy.

C.4.d.iii.(1)(a) ► 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	76	
Total number of inspections conducted	76	
Number of violations (excluding verbal warnings)	1	
Sites inspected in violation	9	12%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	9	100%
Comments:		

The City counts multiple violations at one site as one violation and requires complete correction of all violations to be deemed in compliance. The City requires all site operators to bring the site into compliance within 10 business days or before the next rain event. The compliance goal however, is for any violation to be corrected as quickly as possible, if not the same day. When violations are encountered, site operators are provided an explanation of the violation, reasons behind why compliance is required, and preventative BMPs are explained by the inspectors. In instances where multiple violations on the same site are identified, a description of each violation is recorded in the inspectors report and entered into the City's internal IND database. The database provides a history of past and current violations with an explanation of specific details of the conditions constituting the violation(s). At the beginning of each fiscal year the inspection form given to the inspector(s) for each planned site inspection provides the site's address and compliance history. This prompts inspectors to pay special attention to those areas/operations with a history of violations and to ensure that problems are not continuing to occur.

In FY 15-16 a total of 9 sites were found to have violations and 8 sites were issued Level-1 Verbal Warnings and one site issued a Level-2 NOV. Of these sites, 4 were identified as having potential threatened discharges and 5 had actual discharges. All sites where violations were encountered made the necessary corrections and were in compliance within the required 10 business day requirement.

C.4.d.iii.(1)(b) ► 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)	5
Potential discharge and other	4
<p>Comments:</p> <p>Consistent with how violations are counted, multiple discharges at one site are counted as one discharge. Site operators which may either be the property owner or a particular business owner responsible for the discharge/potential discharge are notified of the violations. Consistent with the ERP, the site operator is advised of the enforcement process and issued notice accordingly. Satisfactory compliance is based on whole-site correction and a case is not closed until all violations have been corrected. Violations in this reporting term were primarily minor in nature and most were handled by verbal warning, with only one requiring a NOV.</p>	

C.4.d.iii.(1)(b) ► 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) ¹	Number of Enforcement Actions Taken	% of Enforcement Actions Taken²
Level 1	Verbal Warning	8	90%
Level 2	Written Notice of Violation (NOV)	1	10%
Level 3	Administrative Pre-Citation	0	0
Level 4	Administrative Citation	0	0
Level 5	Referral to City Attorney	0	0
Level 6	Referral to Water Board	0	0
Total		9	100%

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

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

C.4.d.iii.(1)(c) ▶ Types of Violations Noted by Business Category

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

Business Category ³	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Restaurants	2	0
Grocery stores	0	0
Automotive repair facilities	1	1
Automotive fueling stations	0	1
Horticultural nurseries	0	1
Dry cleaners	0	0
Entertainment venues (including golf courses)	1	1
High volume retail (including shopping centers and big-box stores)	1	0

C.4.d.iii.(1)(d) ▶ Non-Filers

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

There were no industries identified as non-filers for an Industrial General Permit during scheduled inspections during this fiscal year.

C.4.e.iii ▶ Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Industrial/ Commercial Site Inspectors in Attendance	Percent of Industrial/ Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
Building Inspector IND Internal Staff Training	March 22, 2016	<ol style="list-style-type: none"> IND inspection process overview MRP 2.0 Overview PCB and Mercury source awareness Drought and water waste Revised IND inspection form discussion 	4	100%	1	50%

³List your Program's standard business categories.

		<ul style="list-style-type: none"> 6. IND brochure overview and purpose 7. Inspector guidance sheet discussion 8. Referral of violations/potential violations 				
SCVURPPP Industrial and Commercial Inspector and Commercial Training	May 26, 2016	<ul style="list-style-type: none"> 1. Overview of the Industrial General Permit 2. Discussion of inspection and enforcement strategies 3. Case studies and discussion 	2	33%	2	100%
<p>Comments:</p> <p>The Cupertino Program Manager and Program Specialist provided internal staff training to the building inspectors who assist in performing IND inspections and small construction site inspections. This training was used to develop an enhanced understanding of the MRP and background on the importance of the City's stormwater program and their role in pollution prevention. This training provides an opportunity to review the above listed training topics and foster solid communication between the building inspection team and stormwater program staff.</p> <p>The SCVURPPP training was attended by both the Non-Point Source Pollution Inspector and Program Specialist who perform both IND and IDDE inspections and enforcement. Due to building inspection schedules, no building inspectors were able to attend this training offered this fiscal year.</p>						

Fiscal Year 2016-2017

C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME	Inspected
1	20674 HOMESTEAD RD CUPERTINO, CA 95014-0451 (326 10	Restaurant and Food Service	1000 Degrees Pizzeria	
2	19998 HOMESTEAD RD STE A CUPERTINO CA 95014	Restaurant and Food Service	212 New York Pizza	
3	20955 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	3 Geeks	
4	19459 STEVENS CREEK BLVD STE 100 CUPERTINO, CA 95014	Restaurant and Food Service	85°C Bakery Cafe	16-17
5	10425 S DE ANZA BLVD CUPERTINO, CA 95014-3011 (359 17	Restaurant and Food Service	99 Ranch Market	16-17
6	20950 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	J & J Hawaiian BBQ Restaurant	16-17
7	19700 VALLCO PKWY STE160 CUPERTINO CA 95014	Restaurant and Food Service	A & M Squared Inc	
8	21265 STEVENS CREEK BLVD STE 205 CUPERTINO CA 95014	Restaurant and Food Service	A Plus Tea House	
9	10893 N WOLFE RD CUPERTINO, CA 95014-0605 (316 05 05	Restaurant and Food Service	Ai Noodle	
10	7335 BOLLINGER RD STE C CUPERTINO CA 95014	Restaurant and Food Service	Ajito Izakaya Dining	16-17
11	19379 STEVENS CREEK BLVD CUPERTINO, CA 95014 (316 20 1	Restaurant and Food Service	Alexander's Steakhouse	16-17
12	10493 S DE ANZA BLVD CUPERTINO, CA 95014-3011 (359 17	Restaurant and Food Service	All That Bbq	16-17
13	10165 N DE ANZA BLVD CUPERTINO CA 95014	Restaurant and Food Service	Aloft Hotel	
14	10118 BANDLEY DR STE G CUPERTINO, CA 95014-2155 (326 3	Restaurant and Food Service	Apple Café	
15	10885 N WOLFE RD CUPERTINO, CA 95014-0605 (316 05 053	Restaurant and Food Service	Apple Green Bistro	
16	10630 S DE ANZA BLVD CUPERTINO, CA 95014-4450 (369 38	Restaurant and Food Service	Aqui's	
17	10310 S DE ANZA BLVD CUPERTINO, CA 95014 (369 55 081)	Restaurant and Food Service	Arirang Tofu & BBQ	
18	10100 S DE ANZA BLVD CUPERTINO, CA 95014 (369 01 001)	Restaurant and Food Service	Armadillo Willy'S Bbq	
19	19930 STEVENS CREEK BLVD CUPERTINO, CA 95014-2306 (36	Restaurant and Food Service	Arya Global Cuisine	
20	10789 S BLANEY AVE CUPERTINO, CA 95014 (369 34 052)	Restaurant and Food Service	Aya Japan House	16-17
21	19645 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	Azuma Restaurant	
22	19748 STEVENS CREEK BLVD CUPERTINO, CA 95014-2456 (36	Restaurant and Food Service	Beard Papa's	
23	10883 S BLANEY AVE STE B CUPERTINO CA 95014	Restaurant and Food Service	Beijing Duck House Restaurant	16-17
24	10123 N WOLFE RD STE 2074 CUPERTINO, CA 95014-253 (31	Restaurant and Food Service	Benihana	
25	20560 TOWN CENTER LN CUPERTINO, CA (369 55 082)	Restaurant and Food Service	Bitter+Sweet	
26	10690 N DE ANZA BLVD CUPERTINO, CA 95014-2031 (316 02	Restaurant and Food Service	Bj'S Restaurant & Brewhouse	
27	10033 SAICH WAY CUPERTINO CA 95014	Restaurant and Food Service	Blast 825 Pizza	16-17
28	22100 STEVENS CREEK BLVD CUPERTINO, CA 95014-1094 (35	Restaurant and Food Service	Blue Pheasant Restaurant	16-17
29	1361 S DE ANZA BLVD CUPERTINO, CA 95014 (366 19 047)	Restaurant and Food Service	Bobbie's Café	
30	20682 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	Boudin	16-17
31	19501 STEVENS CREEK BLVD, STE 101 CUPERTINO CA 95014	Restaurant and Food Service	Cafe Lattea	
32	21267 STEVENS CREEK BLVD STE 320 CUPERTINO CA 95014	Restaurant and Food Service	Chaat House	

Fiscal Year 2016-2017

C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME	Inspected
33	20956 HOMESTEAD RD STE D CUPERTINO CA 95014	Restaurant and Food Service	Chili Pot	
34	10385 S DE ANZA BLVD CUPERTINO, CA 95014-3009 (359 17	Restaurant and Food Service	Chipotle Mexican Grill	16-17
35	20688 HOMESTEAD RD CUPERTINO, CA 95014-0451 (326 10	Restaurant and Food Service	Chipotle Mexican Grill	
36	20010 STEVENS CREEK BLVD CUPERTINO, CA 95014-2308 (36	Restaurant and Food Service	Coconut's Fish Cafe	
37	10800 TORRE AVE STE 100 CUPERTINO, CA 95014-3202 (369	Restaurant and Food Service	Coffee Society	
38	21265 STEVENS CREEK BLVD CUPERTINO, CA 95014-5715 (32	Restaurant and Food Service	Coffee Society	
39	10123 N WOLFE RD STE 2020 CUPERTINO, CA 95014-2532 (3	Restaurant and Food Service	Cold Stone Creamery	
40	10275 S DE ANZA BLVD CUPERTINO, CA 95014-3026 (359 17	Restaurant and Food Service	Crab Lover	16-17
41	19501 STEVENS CREEK BLVD #102 CUPERTINO CA 95014	Restaurant and Food Service	Cream	
42	7335 BOLLINGER RD STE D CUPERTINO, CA 95014-4328 (359	Restaurant and Food Service	Cupertino Specialty Foods	
43	10350 S DE ANZA BLVD CUPERTINO, CA 95014 (369 55 999)	Restaurant and Food Service	Curry House Cupertino	
44	10591 N DE ANZA BLVD CUPERTINO, CA 95014-2029 (326 10	Restaurant and Food Service	De Anza Bagel Cafe	16-17
45	10467 S DE ANZA BLVD CUPERTINO, CA 95014-3011 (359 17	Restaurant and Food Service	De Anza Pure Water	
46	10700 CLUB HOUSE LN CUPERTINO, CA 95014-3969 (356 05	Restaurant and Food Service	Deep Cliff Golf Course	
47	10250 N DE ANZA BLVD CUPERTINO CA 95014	Restaurant and Food Service	Donut Wheel	
48	10801 N WOLFE RD CUPERTINO, CA 95014 (316 45 017)	Restaurant and Food Service	Duke Of Edinburgh	16-17
49	10123 N WOLFE RD STE 1688 CUPERTINO CA 95014	Restaurant and Food Service	Dynasty Seafood Restaurant	
50	19780 STEVENS CREEK BLVD CUPERTINO, CA 95014-2456 (36	Restaurant and Food Service	Elephant Bar	16-17
51	10200 S DE ANZA BLVD CUPERTINO, CA 95014-3029 (369 01	Restaurant and Food Service	Epicurean Café (Seagate)	
52	19369 STEVENS CREEK BLVD STE 120 CUPERTINO, CA 95014	Restaurant and Food Service	Eureka Restaurant Group	16-17
53	10933 N WOLFE RD CUPERTINO, CA 95014 (316 05 053)	Restaurant and Food Service	Fantasia Coffee & Tea	
54	20672 HOMESTEAD RD CUPERTINO, CA 95014-0451 (326 10	Restaurant and Food Service	Fish Is Wild Fish Grill & More	
55	20840 STEVENS CREEK BLVD CUPERTINO, CA 95014-2121 (35	Restaurant and Food Service	Fontanas	
56	20080 STEVENS CREEK BLVD CUPERTINO, CA 95014 (369 03	Restaurant and Food Service	Fresh Pixx	16-17
57	20955 STEVENS CREEK BLVD CUPERTINO, CA 95014-2107 (32	Restaurant and Food Service	Genji Sushi	
58	19980 HOMESTEAD RD CUPERTINO, CA 95014-0556 (316 03	Restaurant and Food Service	Gochi	16-17
59	10851 N WOLFE RD CUPERTINO CA 95014	Restaurant and Food Service	Guan Dong House Inc	
60	19620 STEVENS CREEK BLVD STE 150 CUPERTINO CA 95014	Restaurant and Food Service	Gyu-Kaku	
61	19754 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	Harumi Sushi	
62	10815 N WOLFE RD STE 105 CUPERTINO, CA 95014 (316 05	Restaurant and Food Service	Heavenly Holding Ventures Inc	
63	10631 FOOTHILL EXPWY CUPERTINO CA 95014	Restaurant and Food Service	Heekah Hookah & Fafy Coffee	
64	19066 STEVENS CREEK BLVD CUPERTINO, CA 95014-2522 (3	Restaurant and Food Service	Hi Pot	
65	21267 STEVENS CREEK BLVD STE 310 CUPERTINO, CA 95014-	Restaurant and Food Service	Hobee's Restaurant	

Fiscal Year 2016-2017

C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME	Inspected
66	20588 STEVENS CREEK BLVD CUPERTINO, CA 95014-2120 (35	Restaurant and Food Service	Hong Fu	16-17
67	19590 STEVENS CREEK BLVD CUPERTINO, CA 95014-2415 (36	Restaurant and Food Service	House Of Falafel	
68	10129 S DE ANZA BLVD CUPERTINO CA 95014	Restaurant and Food Service	I Love Bento	
69	20371 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	I Shshi & Grill	
70	19929 STEVENS CREEK BLVD CUPERTINO, CA 95014 (316 21	Restaurant and Food Service	Icebox	
71	19600 VALLCO PKWY STE 100 CUPERTINO, CA 95014 (316 20	Restaurant and Food Service	I-cool	
72	21000 STEVENS CREEK BLVD CUPERTINO, CA 95014 (359 07	Restaurant and Food Service	Ike'S Lair	
73	20750 STEVENS CREEK BLVD CUPERTINO, CA 95014-2149 (35	Restaurant and Food Service	Islands	16-17
74	10271 TORRE AVE CUPERTINO CA 95014	Restaurant and Food Service	J S Stew House	16-17
75	1451 S DE ANZA BLVD CUPERTINO, CA 95014-5321 (366 19 0	Restaurant and Food Service	Jack In The Box	
76	20080 STEVENS CREEK BLVD CUPERTINO, CA	Restaurant and Food Service	Jersey Mike's	16-17
77	10911 N WOLFE RD CUPERTINO CA 95014	Restaurant and Food Service	Joy Luck Palace	
78	19066 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	Joy Palace	
79	10635 S FOOTHILL BLVD CUPERTINO, CA 95014-3963 (342 16	Restaurant and Food Service	Judys Kitchen	
80	10370 S DE ANZA BLVD CUPERTINO CA 95014	Restaurant and Food Service	Kee Wah	
81	10520 S DE ANZA BLVD CUPERTINO, CA 95014-3002 (369 39	Restaurant and Food Service	Kentucky Fried Chicken	
82	1655 S DE ANZA BLVD STE 7 CUPERTINO CA 95014	Restaurant and Food Service	Kikusushi Japanese Restaurant	
83	21271 STEVENS CREEK BLVD STE 410 CUPERTINO CA 95014	Restaurant and Food Service	Kobe Pho & Grill	
84	10350 MILLER AVE APT 2 CUPERTINO, CA 95014-7415 (375 0	Restaurant and Food Service	Komachi	
85	19626 STEVENS CREEK BLVD CUPERTINO, CA 95014-2456 (36	Restaurant and Food Service	Kong Tofu & Bbq	
86	19600 VALLCO PKWY STE 160 CUPERTINO, CA 95014 (316 20	Restaurant and Food Service	Kula Sushi	
87	19758 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	La Patisserie	
88	19960 HOMESTEAD RD CUPERTINO, CA 95014-0556 (316 03	Restaurant and Food Service	La Terra	
89	19359 STEVENS CREEK BLVD CUPERTINO, CA 95014 (316 20 1	Restaurant and Food Service	Lazy Dog	
90	20488 STEVENS CREEK BLVD CUPERTINO, CA 95014 (369 53 9	Restaurant and Food Service	Le Boulanger	16-17
91	20363 STEVENS CREEK BLVD CUPERTINO, CA 95014-2225 (31	Restaurant and Food Service	Lee's Sandwiches	
92	19732 STEVENS CREEK BLVD CUPERTINO, CA 95014 (369 06	Restaurant and Food Service	Legends	
93	10125 BANDLEY DR CUPERTINO CA 95014	Restaurant and Food Service	Lei Garden	
94	19675 STEVENS CREEK BLVD CUPERTINO, CA 95014 (316 20	Restaurant and Food Service	Lepi Dor Bakery	
95	19772 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	Liang's Kitchen	
96	19062 STEVENS CREEK BLVD CUPERTINO, CA 95014-2522 (37	Restaurant and Food Service	Little Sheep	16-17
97	20956 HOMESTEAD RD STE H CUPERTINO CA 95014	Restaurant and Food Service	Local Cafe	
98	10895 S BLANEY AVE CUPERTINO CA 95014	Restaurant and Food Service	Lu Dumpling	16-17

Fiscal Year 2016-2017

C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME	Inspected
99	20558 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	Lwin Fmaily Co	
100	19399 STEVENS CREEK BLVD CUPERTINO, CA 95014 (316 20 1	Restaurant and Food Service	Lyfe Kitchen	16-17
101	19399 STEVENS CREEK BLVD CUPERTINO, CA 95014 (316 20 1	Restaurant and Food Service	Lyfe Kitchen of California LLC	
102	19052 STEVENS CREEK BLVD CUPERTINO, CA 95014-2522 (37	Restaurant and Food Service	Ma Ma Chen'S Kitchen	
103	10145 N DE ANZA BLVD CUPERTINO, CA 95014-2262 (326 34	Restaurant and Food Service	Mandarin Gourmet	
104	10991 N DE ANZA BLVD STE B CUPERTINO, CA 95014 (326 10	Restaurant and Food Service	Manley's Donuts	
105	10990 N STELLING RD CUPERTINO, CA 95014-0353 (326 09 0	Restaurant and Food Service	McDonald's	
106	21250 STEVENS CREEK BLVD CUPERTINO, CA 95014-5702 (3	Restaurant and Food Service	Mediterranean Cafe	
107	19449 STEVENS CREEK BLVD STE 120 CUPERTINO, CA 95014	Restaurant and Food Service	Meet Fresh	
108	19628 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	Merlion	
109	21265 STEVENS CREEK BLVD STE 205 CUPERTINO CA 95014	Restaurant and Food Service	Mitasu	
110	10815 N WOLFE RD STE 106 CUPERTINO, CA 95014 (316 05 0	Restaurant and Food Service	Mod Superfast Pizza	
111	10787 S BLANEY AVE CUPERTINO, CA 95014-4500 (369 34 05	Restaurant and Food Service	Monster Boba Tea and Dessert	16-17
112	10123 N WOLFE RD STE 2054 CUPERTINO, CA 95014-2533 (3	Restaurant and Food Service	Mrs Fields Cookies	
113	10935 N WOLFE RD CUPERTINO, CA 95014-0617 (316 05 051	Restaurant and Food Service	Nutrition Restaurant	
114	19672 STEVENS CREEK BLVD CUPERTINO, CA 95014 (369 06 0	Restaurant and Food Service	Olarn Thai Cuisine	
115	19648 STEVENS CREEK BLVD CUPERTINO, CA 95014-246 (369	Restaurant and Food Service	One Pot	
116	19419 STEVENS CREEK BLVD STE 100 CUPERTINO, CA 95014	Restaurant and Food Service	Oren's Hummus Cupertino LLC	16-17
117	20630 VALLEY GREEN DR CUPERTINO, CA 95014-1702 (326 1	Restaurant and Food Service	Outback Steakhouse	16-17
118	21000 STEVENS CREEK BLVD STE 300 CUPERTINO CA 95014	Restaurant and Food Service	Panda Express	
119	20807 STEVENS CREEK BLVD CUPERTINO, CA 95014 (326 32 0	Restaurant and Food Service	Panera Bread	16-17
120	19469 STEVENS CREEK BLVD CUPERTINO, CA 95014 (316 20 1	Restaurant and Food Service	Panino Giusto	
121	20735 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	Paris Baguette	16-17
122	10030 S DE ANZA BLVD CUPERTINO, CA 95014-2128 (369 01	Restaurant and Food Service	Park Place	
123	10251 S DE ANZA BLVD CUPERTINO CA 95014	Restaurant and Food Service	Peacock Indian Cuisine & Bakery	
124	20807 STEVENS CREEK BLVD STE 200 CUPERTINO, CA 95014	Restaurant and Food Service	Peet'S Coffee & Tea	16-17
125	22350 HOMESTEAD RD CUPERTINO, CA 95014-0116 (326 01	Restaurant and Food Service	Peet'S Coffee & Tea	
126	20686 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	Philz Coffee	16-17
127	19439 STEVENS CREEK BLVD CUPERTINO, CA 95014 (316 20 1	Restaurant and Food Service	Philz Coffee Inc	16-17
128	10118 BANDLEY DR STE H CUPERTINO CA 95014	Restaurant and Food Service	Pho Minh	16-17
129	19409 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	Pieology Pizzeria	16-17
130	20770 STEVENS CREEK BLVD CUPERTINO, CA 95014-2149 (35	Restaurant and Food Service	Pizza Hut	16-17
131	20530 STEVENS CREEK BLVD CUPERTINO, CA 95014-2130 (35	Restaurant and Food Service	Pizza My Heart	16-17

Fiscal Year 2016-2017

C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME	Inspected
132	10889 S BLANEY AVE CUPERTINO CA 95014	Restaurant and Food Service	Qq Noodle	
133	10123 N WOLFE RD STE 2119 CUPERTINO, CA 95014-2514 (3	Restaurant and Food Service	Quickly	
134	10887 N WOLFE RD CUPERTINO, CA 95014 (316 05 053)	Restaurant and Food Service	Quickly	
135	21265 STEVENS CREEK BLVD STE 210 CUPERTINO, CA 95014-	Restaurant and Food Service	Quickly	
136	19541 RICHWOOD DR CUPERTINO CA 95014	Restaurant and Food Service	Ramen Mania	16-17
137	10074 E ESTATES DR CUPERTINO, CA 95014 (369 06 005)	Restaurant and Food Service	Red Hot Wok	16-17
138	10074 E ESTATES DR CUPERTINO, CA 95014 (369 06 005)	Restaurant and Food Service	Red Hot Wok	16-17
139	10074 E ESTATES DR CUPERTINO CA 95014	Restaurant and Food Service	Redi Pan Inc	
140	10525 S DE ANZA BLVD STE 130 CUPERTINO, CA 95014-4448	Restaurant and Food Service	Rio Adobe	
150	19389 STEVENS CREEK BLVD	Restaurant and Food Service	Rootstock Wine Bar	
151	20688 STEVENS CREEK BLVD CUPERTINO, CA 95014-2120 (35	Restaurant and Food Service	Rubio's	16-17
152	10525 S DE ANZA BLVD STE 100 CUPERTINO, CA 95014-4463	Restaurant and Food Service	Sage Management Group	
153	19505 STEVENS CREEK BLVD CUPERTINO, CA 95014 (316 49 9	Restaurant and Food Service	Sancha Bar Cupertino	
154	20007 STEVENS CREEK BLVD CUPERTINO, CA 95014-2307 (31	Restaurant and Food Service	Shan Restaurant	16-17
155	20956 HOMESTEAD RD STE A2 CUPERTINO CA 95014	Restaurant and Food Service	Shanghai Garden Restaurant	
156	10122 BANDLEY DR CUPERTINO, CA 95014-2102 (326 34 066	Restaurant and Food Service	Sheng Kee Bakery	
157	10961 N WOLFE RD CUPERTINO, CA 95014-0617 (316 05 051	Restaurant and Food Service	Sheng Kee Bakery	
158	19541 RICHWOOD DR CUPERTINO, CA 95014-3316 (369 06 0	Restaurant and Food Service	Sizzling Pot King	16-17
159	10650 S DE ANZA BLVD CUPERTINO CA 95014	Restaurant and Food Service	Smoke Eaters	
160	10825 N WOLFE RD CUPERTINO, CA 95014-0614 (316 05 052	Restaurant and Food Service	Southland Flavor Cafe	
161	10118 BANDLEY DR STE A CUPERTINO, CA 95014-2155 (326 3	Restaurant and Food Service	Spicy Station	
162	22390 HOMESTEAD RD CUPERTINO, CA 95014-0116 (326 01	Restaurant and Food Service	Starbucks	
163	11111 N WOLFE RD CUPERTINO, CA 95014-0601 (316 05 072	Restaurant and Food Service	Starbucks	
164	20520 STEVENS CREEK BLVD CUPERTINO, CA 95014 (359 08 0	Restaurant and Food Service	Starbucks	16-17
165	19900 VALLCO PKWY CUPERTINO, CA 95014 (316 20 108)	Restaurant and Food Service	Startup Cafe (Apple, Inc)	
166	10088 N WOLFE RD STE 130 CUPERTINO, CA 95014	Restaurant and Food Service	Steins Beer Garden	
167	19110 STEVENS CREEK BLVD STE B CUPERTINO, CA 95014 (37	Restaurant and Food Service	Subway	
168	22352 HOMESTEAD RD CUPERTINO, CA 95014-0116 (326 01	Restaurant and Food Service	Subway	
169	21682 STEVENS CREEK BLVD CUPERTINO, CA 95014-1149 (35	Restaurant and Food Service	Subway Sandwiches	
170	19998 HOMESTEAD RD STE C CUPERTINO, CA 95014-056 (31	Restaurant and Food Service	Subway Sandwiches	
171	19620 STEVENS CREEK BLVD STE 180 CUPERTINO CA 95014	Restaurant and Food Service	Super Cue Cafe	
172	19068 STEVENS CREEK BLVD CUPERTINO, CA 95014-2522 (37	Restaurant and Food Service	Sushi Hana Express	
173	10211 S DE ANZA BLVD CUPERTINO, CA 95014-3007 (359 10	Restaurant and Food Service	Sushi Kuni	

Fiscal Year 2016-2017

C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME	Inspected
174	21710 STEVENS CREEK BLVD STE 200 CUPERTINO CA 95014	Restaurant and Food Service	Swurlz Yogurt Shop	
175	10710 S DE ANZA BLVD CUPERTINO, CA 95014-4447 (369 37	Restaurant and Food Service	Taco Bell	
176	20956 HOMESTEAD RD STE A1 CUPERTINO, CA 95014-0310 (Restaurant and Food Service	Taiwan Porridge Kingdom	
177	20956 HOMESTEAD RD STE G CUPERTINO, CA 95014-0358 (3	Restaurant and Food Service	Tastier Panburger	
178	10123 N WOLFE RD STE 2001 CUPERTINO CA 95014	Restaurant and Food Service	Tatami Buffet	
179	19449 STEVENS CREEK BLVD STE 120 CUPERTINO, CA 95014	Restaurant and Food Service	Tea Chansii	
180	20916 HOMESTEAD RD STE F CUPERTINO, CA 95014-0307 (3	Restaurant and Food Service	Tea Era Café	
181	21670 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	Thai Bangkok Cuisine	
182	20916 HOMESTEAD RD STE A CUPERTINO, CA 95014-0307 (3	Restaurant and Food Service	Thai Delight	
183	21267 STEVENS CREEK BLVD STE 340 CUPERTINO, CA 95014-	Restaurant and Food Service	Thai Square	
184	21678 STEVENS CREEK BLVD CUPERTINO, CA 95014-1149 (35	Restaurant and Food Service	The City Fish	
185	20080 STEVENS CREEK BLVD CUPERTINO, CA	Restaurant and Food Service	The Counter	16-17
186	19700 VALLCO PKWY STE 150 CUPERTINO, CA 95014 (316 20	Restaurant and Food Service	The Kebab Shop	
187	20803 STEVENS CREEK BLVD STE 110 CUPERTINO, CA 95014	Restaurant and Food Service	The Melt	16-17
188	20735 STEVENS CREEK BLVD STE H CUPERTINO, CA 95014-2	Restaurant and Food Service	The Noodle Shop	16-17
189	19110 STEVENS CREEK BLVD STE A CUPERTINO, CA 95014	Restaurant and Food Service	The Roasted Coffee Bean	
190	10340 STERN AVE CUPERTINO CA 95014	Restaurant and Food Service	The Saint Bar	
191	10235 S DE ANZA BLVD CUPERTINO, CA 95014-3007 (359 10	Restaurant and Food Service	The Yard	
192	10971 N WOLFE RD CUPERITNO CA 95014	Restaurant and Food Service	Tofu Plus	
193	21267 STEVENS CREEK BLVD STE 314 CUPERTINO, CA 95014	Restaurant and Food Service	Togo'S Sandwiches	
194	10869 N WOLFE RD CUPERTINO, CA 95014-0614 (316 05 05	Restaurant and Food Service	Tong Dumpling	
195	19959 STEVENS CREEK BLVD CUPERTINO, CA 95014 (316 21 0	Restaurant and Food Service	Tpumps	
196	19650 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	T-Swirl Crepe	
197	10123 N WOLFE RD STE FC7 CUPERTINO CA 95014	Restaurant and Food Service	Veggie Land	
198	20010 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	Village Falafel	
199	21265 STEVENS CREEK BLVD 201 CUPERTINO CA 95014	Restaurant and Food Service	Vitaligent East Bay Llc Db	
200	19058 STEVENS CREEK BLVD CUPERTINO, CA 95014-2522 (37	Restaurant and Food Service	Viva Thai Bistro	
201	10619 S DE ANZA BLVD CUPERTINO, CA 95014-4431 (359 18	Restaurant and Food Service	Xiang Xiang Noodle	
202	10831 N WOLFE RD CUPERTINO CA 95014	Restaurant and Food Service	Yang Bbq	
203	20682 HOMESTEAD RD CUPERTINO, CA 95014-0451 (326 10	Restaurant and Food Service	Yayoi	
204	10660 S DE ANZA BLVD CUPERTINO, CA 95014-4447 (369 37	Restaurant and Food Service	Yiassoo	
205	19700 STEVENS CREEK BLVD CUPERTINO CA 95014	Restaurant and Food Service	Yogurtland	
206	20916 HOMESTEAD RD STE E CUPERTINO CA 95014	Restaurant and Food Service	Yoonsone Inc	

Fiscal Year 2016-2017

C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME	Inspected
207	10700 S DE ANZA BLVD CUPERTINO CA 95014	Restaurant and Food Service	Yoshida	
208	10700 S DE ANZA BLVD CUPERTINO CA 95014	Restaurant and Food Service	Yoshida Restaurant	
209	19825 STEVENS CREEK BLVD CUPERTINO, CA 95014-2405 (31	Restaurant and Food Service	Yoshinoya Restaurant	
210	21619 STEVENS CREEK BLVD	Restaurant and Food Service	Paul and Eddies Bar	
211	19990 HOMESTEAD RD	Restaurant and Food Service	Gamba Karaoke	16-17
212	10061 N BLANEY AVE	Restaurant and Food Service	Vacant (Convience Store)	
213	1699 S DE ANZA BLVD	Automotive	Valero	16-17
214	10023 S DE ANZA BLVD	Automotive	Chevron	
215	10625 N DE ANZA BLVD	Automotive	Cupertino Smog Pro/Union 76	16-17
216	11010 N DE ANZA BLVD	Automotive	Chevron	
217	10002 N DE ANZA BLVD	Automotive	Valero	16-17
218	10490 S DE ANZA BLVD	Automotive	Henry's Union 76	
219	22510 STEVENS CREEK BLVD	Automotive	Cupertino Auto Care/Beacon	
220	21530 STEVENS CREEK BLVD	Automotive	Cupertino Union 76	
221	20999 STEVENS CREEK BLVD	Automotive	De Anza Shell	
222	19990 STEVENS CREEK BLVD	Automotive	Alliance Gas	16-17
223	19550 STEVENS CREEK BLVD	Automotive	Vallco Union 76	
224	19030 STEVENS CREEK BLVD	Automotive	Rotten Robbie	
225	21855 HOMESTEAD RD	Automotive	Homestead Union 76	16-17
226	10550 S DE ANZA BLVD	Automotive	European Auto Performance	16-17
227	11025 N DE ANZA BLVD	Automotive	De Anza Auto Repair	16-17
228	19480 STEVENS CREEK BLVD	Automotive	Jiffy Lube	
229	10931 N DE ANZA BLVD	Automotive	Goodyear Tire	
230	10270 IMPERIAL AVE	Automotive	Clark's Auto Parts and Machine	
231	10073 IMPERIAL AVE	Automotive	Cupertino Auto Tech	
232	10261 IMPERIAL AVE	Automotive	Imperial Automotive	
233	10264 IMPERIAL AVE	Automotive	Auto Smog	16-17
234	10221 IMPERIAL AVE	Automotive	International Auto Clinic	16-17
235	10218 IMPERIAL AVE	Automotive	Pan American Collision Center	16-17
236	10151 IMPERIAL AVE	Automotive	JST Auto Care	16-17
237	10262 IMPERIAL AVE	Automotive	Alan White Service (Alan's Auto)	16-17
238	10280 IMPERIAL	Automotive	Cupertino Service	
239	21680 LOMITA AVE	Automotive	House of Miracles	

Fiscal Year 2016-2017

C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME	Inspected
240	10100 BUBB RD	Automotive	The Driving Machine	16-17
241	10012 N FOOTHILL BLVD	Other- Veterinary	Acadia Veterinary Clinic	
242	10026 PENINSULA AVE	Other- Veterinary	Cupertino Animal Hospital	
243	21749 STEVENS CREEK BLVD	Other- Dry Cleaners	N&K Cleaners	
244	20379 STEVENS CREEK BLVD	Other- Dry Cleaners	Dryclean Pro	
245	19775 STEVENS CREEK BLVD	Other- Dry Cleaners	Zarin Sewing Alteration and Dryclean	
246	10620 S DE ANZA BLVD	Other- Dry Cleaners	Scotty's Cleaners	
247	10477 S DE ANZA BLVD	Other- Dry Cleaners	De Anza Laundromat	
248	10151 S DE ANZA BLVD	Other- Dry Cleaners	Sierra Cleaners	
249	10045 E ESTATES DR	Other- Dry Cleaners	One Hour Cleaners By Lee	
250	10020 IMPERIAL AVE	Other- Dry Cleaners	Classic Cleaners	
251	21220 HOMESTEAD RD	Grocery	7-Eleven	16-17
252	21490 MCCLELLAN RD	Grocery	7-Eleven	16-17
253	21530 STEVENS CREEK BLVD	Grocery	7-Eleven	16-17
254	10983 N WOLFE RD	Grocery	99 Ranch Market	16-17
255	10425 S DE ANZA BLVD	Grocery	99 Ranch Market	16-17
256	7335 BOLLINGER RD STE D	Grocery	Cupertino International Foods	16-17
257	10255 S DE ANZA BLVD	Grocery	Trinethra Indian Supermarket	16-17
258	20620 HOMESTEAD RD	Grocery	Safeway	16-17
259	19944 HOMESTEAD RD	Grocery	Oakmont Market	16-17
260	10629 S FOOTHILL BLVD	Grocery	Stevens Creek Market	16-17
261	22690 STEVENS CREEK BLVD	Grocery	Bateh Brothers Market	16-17
262	20955 STEVENS CREEK BLVD	Grocery	Whole Foods	16-17
263	20558 STEVENS CREEK BLVD	Grocery	Sprouts	16-17
264	19750 STEVENS CREEK BLVD	Grocery	Marukai	16-17
265	22100 STEVENS CREEK BLVD	Other- Pesticide Facilities	Blackberry Farm Golf Course	16-17
266	10700 CLUBHOUSE LN	Other- Pesticide Facilities	Deep Cliff Golf Course	16-17
267	1361 S DE ANZA BLVD	Other- Pesticide Facilities	Yamagami Nursery	16-17
268	1491 S DE ANZA BLVD	Other- Pesticide Facilities	Summer Winds Nursery	16-17
269	10455 S DE ANZA BLVD	Other- Major Retail	CVS	
270	20745 STEVENS CREEK BLVD	Other- Major Retail	Target	16-17
271	20830 STEVENS CREEK BLVD	Other- Major Retail	Staples	16-17
272	20740 STEVENS CREEK BLVD	Other- Major Retail	Party City	16-17

Fiscal Year 2016-2017

C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME	Inspected
273	20730 STEVENS CREEK BLVD	Other- Major Retail	TJ Maxx / Home Goods	16-17
274	20610 STEVENS CREEK BLVD	Other- Major Retail	Pier 1 Imports	16-17
275	20600 STEVENS CREEK BLVD	Other- Major Retail	Aaron Brothers	16-17
276	19750 STEVENS CREEK BLVD	Other- Major Retail	Daiso	
277	10075 E ESTATES DR	Other- Major Retail	United Furniture Club	16-17
278	20640 HOMESTEAD RD	Other- Major Retail	Michael's	
279	20650 HOMESTEAD RD	Other- Major Retail	Ross	
280	20600 HOMESTEAD RD	Other- Major Retail	Steinmart	
281	20580 HOMESTEAD RD	Other- Major Retail	Ulta Beauty	
282	20572 HOMESTEAD RD	Other- Major Retail	Rite Aid	
283	20149 STEVENS CREEK BLVD	Other- Major Retail	Concept Creation Interior Design	
284	19900 STEVENS CREEK BLVD	Other- Major Retail	Scandanavian Designs	
285	20011 BOLLINGER RD	Other- Major Retail	Walgreens	
286	10101 N WOLFE RD	Other- Major Entertainment	Bay Club	16-17
287	10123 N WOLFE RD	Other- Major Entertainment	Bowlmor Lanes	
288	10123 N WOLFE RD STE 1020	Other- Major Entertainment	Vallco Ice Center	
289	10123 N WOLFE RD STE 3000	Other- Major Entertainment	AMC Cupertino Theatres	
290	21275 STEVENS CREEK BLVD	Other- Major Entertainment	Bluelight Cinema Theatres	
291	20990 HOMESTEAD RD	Other- Major Entertainment	Homestead Lanes	16-17
292	21979 SAN FERNANDO AVE	Other- Major Entertainment	Blackberry Farm Picnic Grounds	
293	10110 CALIFORNIA OAK WAY	Other- Agriculture	Whispering Creek Equestrian Center	16-17
294	1505 S DE ANZA BLVD	Concrete/Stone Products	Graniterock	16-17
295	10151 IMPERIAL AVE	Concrete/Stone Products	Reyes Concrete	16-17
296	10230 IMPERIAL AVE	Building Supplies/Services	Cupertino Supply	16-17
297	10200 IMPERIAL AVE	Building Supplies/Services	Ekim Painting	16-17
298	10171 S DE ANZA BLVD	Building Supplies/Services	S & G Carpet	16-17
299	21621 STEVENS CREEK BLVD	Building Supplies/Services	Halo Custom Guitar	16-17
300	20301 STEVENS CREEK BLVD	Other- Specialty Retail	Kerly's Hunting and Fishing	16-17
	Retail Shopping Centers Identified Below Include All Businesses on the Property Which Will Be Inspected During Common Area Inspections			
301	1655 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area	
302	7335 BOLLINGER RD	Retail- Shopping Centers	Shopping Center- Common Area	
303	10745 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area	
304	10555 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area	

Fiscal Year 2016-2017

C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME	Inspected
305	10493 S DE ANZA BLVD	Retail- Shopping Centers	McClellan Square- Common Area	
306	10281 S DE ANZA BLVD	Retail- Shopping Centers	Allario Center- Common Area	16-17
307	10211 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area	
308	10133 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area	
309	20600 VALLEY GREEN DR	Retail- Shopping Centers	Shopping Center- Common Area	16-17
310	10991 N DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area	
311	10620 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area	
312	20352 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area	
313	20916 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area	16-17
314	20956 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area	16-17
315	20990 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area	
316	20676 HOMESTEAD RD	Retail- Shopping Centers	Homestead Square- Common Area	
317	19998 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area	
318	19940 HOMESTEAD RD	Retail- Shopping Centers	Oakmont Center- Common Area	
319	10805 N WOLFE RD	Retail- Shopping Centers	Cupertino Village- Common Area	16-17
320	10629 S FOOTHILL BLVD	Retail- Shopping Centers	Stevens Creek Market Center- Common Area	16-17
321	21749 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area	
322	21678 STEVENS CREEK BLVD	Retail- Shopping Centers	Stanley Square- Common Area	
323	21267 STEVENS CREEK BLVD	Retail- Shopping Centers	Oaks Shopping Center- Common Area	16-17
324	21000 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area	
325	20610 STEVENS CREEK BLVD	Retail- Shopping Centers	Crossroads Center (Byer)- Common Area	16-17
326	20510 STEVENS CREEK BLVD	Retail- Shopping Centers	Crossroads Center (Mardesich)- Common Area	16-17
327	20807 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area	
328	10073 SAICH WAY	Retail- Shopping Centers	Saich Station- Common Area	
329	20803 STEVENS CREEK BLVD	Retail- Shopping Centers	Saich Station- Common Area	
330	20735 STEVENS CREEK BLVD	Retail- Shopping Centers	Target Center (East Retail Pad)- Common Area	
331	10122 BANDLEY DR	Retail- Shopping Centers	Marina Plaza- Common Area	
332	20385 STEVENS CREEK BLVD	Retail- Shopping Centers	St. Joseph's Plaza- Common Area	
333	20311 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area	
334	20490 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center (Cali Mill Park)- Common Area	
335	20488 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center (Mixed Use)- Common Area	
336	20009 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area	
337	20080 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center (Biltmore N Retail)- Common Area	16-17

Fiscal Year 2016-2017

C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME	Inspected
338	19969 STEVENS CREEK BLVD	Retail- Shopping Centers	Travigne Plaza (Mixed Use)- Common Area	
339	19625 STEVENS CREEK BLVD	Retail- Shopping Centers	Portal Plaza- Common Area	
340	19758 STEVENS CREEK BLVD	Retail- Shopping Centers	Marketplace Shopping Center- Common Area	16-17
341	10065 E ESTATES DR	Retail- Shopping Centers	Shopping-Center- Common Area	16-17
342	10071 E ESTATES DR	Retail- Shopping Centers	Shopping Center- Common Area	16-17
343	10123 N WOLFE RD	Retail- Shopping Centers	Vallco Shopping Center- Common Area	16-17
344	19505 STEVENS CREEK BLVD	Retail- Shopping Centers	Metropolitan (Mixed Use)- Common Area	
345	19800 VALLCO PARKWAY	Retail- Shopping Centers	Nineteen-800 (Mixed Use)- Common Area	
346	19349 STEVENS CREEK BLVD	Retail- Shopping Centers	Main Street Cupertino- Common Area	16-17
347	19110 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area	
348	19070 STEVENS CREEK BLVD	Retail- Shopping Centers	Loree Shopping Center- Common Area	16-17
349	20051 BOLLINGER RD	Retail- Shopping Centers	Pacific Rim Plaza- Common Area	

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Provide background information, highlights, trends, etc.

Summary:

Storm Drain Inlet Maintenance

All full trash capture devices within the right-of-way were inspected and cleaned as needed between August 2015 and January 2016. The existing devices and any newly installed ones will continue to be inspected annually and cleaned as needed each fiscal year prior to the rainy season. The City of Cupertino and Town of Los Gatos have continued for a second consecutive year, a shared equipment agreement which provides Cupertino the ability to lease a storm drain inlet vacuum truck from the Town of Los Gatos to clean all scheduled drain inlets with full trash capture devices. This approach provides for a more efficient and effective method of cleaning the drain inlets than the traditional hand tool method which has been used in the past.

The City is continuing the process of labeling all public storm drains inlets with stainless steel "No Dumping Drains to Creek" medallions to replace stencils that were painted previously and have faded. In FY 15-16, City maintenance staff applied 34 medallions to storm drain inlets to bring the total amount of marked drain inlet inventory to 1,656. In addition to the public drain inlet marking program, the Program Manger and Program Specialist have continued to review project plans for property redevelopment in multi-family housing projects, large shopping center/retail areas, and other food related establishments. As a standard condition of approval on these projects, new or existing roof-retrofitted trash enclosures, public litter trio receptacles, and storm drain inlet markers are required. To expand the program's reach, new conditions requiring on-site full trash capture devices are required and an explicit comment prohibiting the use of ornamental copper on architectural features have also been included as conditions of building/development permit approval.

Special Projects

In July 2015, in response to increased incidents of illegal dumping, staff created enhanced neighborhood door hangers to be used when there is an incident of illegal dumping or a discharge of unknown origin with no known responsible party. Included on the door hanger is information describing the incident, how to report future incidents, and in the case of illegal dumping, information describing the City's franchised waste hauler's bulky item collection program which is available to both single-family and multi-family residents at no extra charge.

In December 2015, in response to a lack of consistent and sustained compliance at a large and culturally diverse shopping center, staff created a tenant outreach notice which was translated to Chinese and included photographs of recent violations and appropriate BMPs. This notice was personally delivered to all tenants by the Program Specialist and Program Outreach Coordinator accompanied by shopping center property management staff. This approach augmented the on-going enforcement actions the City has initiated against the property owner. This approach resulted in better communication with the tenants and has yielded improved site performance. The site continues to be a program monitoring hot-spot and the City will continue to conduct frequent spot checks for site compliance.

In January 2016, staff was contacted by the property owner of a four unit multi-family apartment building who was experiencing repeated incidents of illegal dumping in the rear alley which is shared by other four-unit apartment homes. In an effort to collaborate with these owners a notice was sent to all owners sharing the alley inviting them to a meeting to discuss the illegal dumping challenges and solutions that extend beyond enforcement. Unfortunately, there was no response or interest from the property owners, but this remains a strategy that will be revisited in FY 16-17.

In June 2016, staff updated the Industrial/Commercial Site Control Program Enforcement Response Plan (ERP). Highlights of the revision was to consolidate the IND and IDDE ERPs into one document to ensure consistency in enforcement and includes new language that clarifies application of the ERP to all sites, which include both residential and non-residential properties where discharges may occur.

Staff Training

In August 2015, the Program Specialist conducted a comprehensive section-by-section training with the Non-Point Pollution Inspector of Sections C.4 and C.5 including a review of the ERP. This training included a discussion of the Annual Report and the nexus between how field inspections and activities relate to the Annual Report and our adherence to the requirements of the MRP.

In March 2016, as part of the IND inspection program, the Program Manager and Program Specialist provided internal staff training to the Building Inspection team who assist in performing IND inspections. The goal of the training was primarily focused on the IND inspection program, but also provided a valuable opportunity to discuss proper routing of IDDE related discharges that may be encountered while in the field and proper management/stabilization of the discharge site until Environmental Programs staff arrive to manage the mitigation and administrative follow up.

In May 2016, the Program Specialist and Non-Point Pollution Inspector attended the SCVURPPP Industrial and Commercial Inspector and Commercial Training. This training provided a SCVURPPP led overview of the Industrial General Permit program, discussion of inspection and enforcement strategies, and related case studies and discussion.

Cupertino staff continues to be an active participant in the SCVURPPP IND/IDDE Ad Hoc Task Group.

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

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

For spill response and discharge complaints, reporting parties are instructed to call the Public Works Department at (408) 777-3354 or (408) 7773269 during normal business hours.

After normal business hours and/or weekends and holidays, reporting parties are instructed to call the Santa Clara County Communications Department at (408) 299-2507.

Provide your complaint and spill response web address, if used.

Persons desiring to report discharge complaints and spill responses may do so by using the City website at:
<https://clients.comcate.com/newrequest.php?id=27>

Is a screen shot of your website showing the central contact point attached?

Yes **No**

If No, explain:

Provide a discussion of how the central contact point (complaint and spill response phone number and, if used, web address) is being publicized to your staff and the public.

The City publicizes the telephone numbers to report discharges on the City webpage. The public can also file a complaint or report a spill through the COMCATE portal on the home page of the City website. In addition, the City Hall and Service Center call center staff are trained in proper routing for reports of discharges to Environmental Programs staff for an expedited response.

C.5.d.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.d.iii.(1))	131	
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	34	26%
Discharges resolved in a timely manner (C.5.d.iii.(3))	127	97%
Comments:		

The City has one full-time Non-Point Source (NPS) Pollution Inspector which is a 50% increase from previous years. In addition, the Program Specialist and Program Manager are trained and equipped to respond and manage spills or discharges in the absence of the primary NPS Inspector.

The NPS Inspector employs an active surveillance approach to pollution prevention. Of the 131 total IIDE discharges investigated, 71 (54%) were initiated by either the inspector conducting random site visits or other City staff, observing a condition that warranted further investigation by the NPS Inspector to determine if there was an actual or threatened discharge. This proactive approach speaks to the City's commitment and dedication to move beyond reactive enforcement, to a proactive approach in both preventing and effectively addressing stormwater pollution.

The City documents all calls for service requiring a response to investigate any report of a threatened or actual discharge. Of the data compiled in FY 15-16, there were only three reports of discharges (threatened and actual) that were unfounded upon the inspector's investigation. One incident was reported which was outside of Cupertino jurisdiction (unincorporated) and was immediately referred to the Santa Clara County Clean Water Program for investigation. The low number of unfounded reported discharges indicates there is community understanding of what conditions warrant notification to the City for follow up. There is always room to improve community education in stormwater pollution prevention and in FY 16-17, the City will continue to advance community engagement through the Cupertino-SCVURPPP partnership.

When a discharge is reported and verified, the first objective of the NPS inspector is prevention of the discharge from reaching the storm drain and/or receiving water. In most cases, discharges are contained to the surface area and do not enter the storm drain system. However, of the 34 discharges reaching the storm drain, 11 (32%) of them were the result of water line failures on both private land and public utility lines within the right-of-way. These discharges are a challenge to prevent since they are subsurface accidental failures; however, the NPS inspector responds and ensures BMPs are installed and mitigation/clean-up is completed in a timely manner.

In FY 15-16, a large, high volume shopping center had a series of discharges from an inadequately maintained and leaking trash compactor. Other violations at this site were related to consistently uncovered waste containers and overflowing cardboard on the floor of the enclosures. Staff worked with the property manager and tenants, however, there was not sustained compliance. The property owner was issued five administrative citations totaling \$3,700 and assessed \$400 in re-inspection fees. Ultimately, the property owner purchased a new trash compactor, installed multi-lingual signs with photos in the enclosures, and assigned a security officer and on-site day porter to monitor the enclosures and immediately address any discharges or improperly dumped waste by the shopping center tenants. These approaches have improved site performance and to date, there have not been any discharges observed.

In FY 15-16, re-inspection fees of \$406 were assessed to three other property owners for their failure to meet the compliance timeline issued by the inspector for IDDE program investigations. Re-inspection fees are assessed at the discretion of the inspector and Program Specialist and are intended to be an incentive for swift compliance. They are frequently a precursor to an administrative citation and are another compliance tool in both the IND and IDDE programs.

During this reporting period there were two water line discharges on private residential property that exceeded the 10 business day compliance requirement. In one case, the property owners were overseas and sediment from the discharge was unable to be cleaned, although the water was shut off. In the second case, the discharge was unknown and appeared to be a slow, low volume ground water seep from a residential area that historically has been known for groundwater springs. After coordination and testing with the water utility (San Jose Water Company), it

was determined to not be ground water, but rather, a broken water line deep underground that the homeowner retained a private contractor to repair.

C.5.f.iii ► MS4 Map Availability

Discuss how you make your MS4 map available to the public and how you publicize the availability of the MS4 map.

A hardcopy of the MS4 map is available for public review in the Public Works Department lobby in City Hall. A link to the map data is also located on the City's Stormwater/Drain Information web page at: <http://www.cupertino.org/index.aspx?page=487>. This is the primary web page also includes how/when to report discharges, an overview of stormwater pollution prevention, and hyperlinks to other stormwater pollution management programs such as C.3, BMPs for construction, commercial, and residential applications, and information on streamside development permitting.



CUPERTINO

I Want To... -> Report

Illegal Dumping

- Apply For
- Bids/RFP & RFQs
- Check
- Contact the City
- Develop My Property
- Download
- Know More About
- Pay For
- Read/Watch
- ▼ REPORT
 - Code Violation
 - Traffic Enforcement Issue
 - Tree Issue
 - Street Issue
 - ▶ ILLEGAL DUMPING
- Schedule
- Search
- Sign-up
- View
- Volunteer

Print E-mail Font Size

Illegal Dumping/Discharges In or Near Storm Drains

Nothing besides clean water may be dumped or allowed to flow into a storm drain. Common examples of illegal discharges include pesticides, washwaters, sewage, automotive fluids, paint, construction materials and wastes, sediment and/or silt, and food wastes.

When do you report an illegal discharge or dumping incident?

- When you see a person dumping anything into the storm drain. This activity is illegal!
- When you notice unusual odors in or near the storm drain.
- When you see dumped wastes and materials in or near the storm drain.
- When the storm drain system has larger than normal flows during dry periods.

To report an illegal discharge or dumping incident that occurred in Cupertino, contact the City of Cupertino at the following phone numbers or by [reporting it online](#):

Monday -Thursday from 7:30 am - 5:30 pm, call 408.777.3354 or

Monday - Friday from 6:00 am - 3:00 pm, call 408.777.3269

Friday - 7:30 am - 4:30 pm, call 408.777.3354

After Hours - 408.299.2507 (Santa Clara County Communications will notify the City's on-call staff).

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(1) ► Hillside Development Criteria		
What criteria is your agency using to determine hillside development areas?	<input checked="" type="checkbox"/>	Local criteria such as maps of hillside development areas or other written criteria
		The permit definition of projects on sites with ≥ 15% slope
Attach a copy of hillside development area maps or provide your written criteria below, if applicable.		
<p>Description:</p> <p>The City's Zoning Map is attached and can be viewed on the City's website at http://www.cupertino.org/index.aspx?page=291 (select zoning map and view at 200% to clearly see development zones. RHS, shown in light green on the map, represents the City's residential hillside development area.</p> <p>The City's Hillside Ordinance, chapter 19.40 of the Cupertino Municipal Code, states:</p> <p>19.40.010 Purpose.</p> <p>The purpose of the RHS zoning district is to regulate development consistent with the General Plan, to preserve the natural setting in the hillsides. This chapter utilizes performance standards and specific regulations to ensure that the utilization of land for residential uses is balanced with the need to conserve natural resources and protect life and property from natural hazards.</p> <p>All construction projects located in the RHS zone will be inspected at least monthly during the wet season beginning on July 1, 2016.</p>		

C.6.e.iii.2.a, b, c ► Site/Inspection Totals		
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
3	5	95
<p>Comments:</p> <p>Before September 1st 2015, the City's Public Works Engineer sent a reminder letter to all owners of C.3 regulated sites and all sites 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 Engineering Inspector inspected each site and verified that the appropriate BMPs had been implemented prior to October 1st. The City hired a contracted inspector because it needed additional staff support to oversee the 152-acre AC2 project site. The City's contracted inspector for the AC2 site is a Qualified SWPPP Developers (QSD) and the City's Public Works Engineering Inspector is a Qualified SWPPP Practitioner (QSP), a Certified Erosion, Sediment,</p>		

and Storm Water Inspector (CESSWI), and a Certified Public Infrastructure Inspector (CPII). The City's contracted inspector is a **Certified Professional in Erosion and Sediment Control (CPESC).**

All C.3 regulated project construction sites were inspected monthly. Monthly inspections were logged and saved in the City's database. In addition to the inspections conducted by the PW Engineering Inspector and contracted QSD for the AC2 site, the City's building inspectors conducted 16,927 inspections of single family residences and smaller construction sites throughout the city. Building Inspectors are trained annually on stormwater requirements, BMPs, and timely compliance (see training summary at the end of this section). If any violations are observed, the building inspector will require immediate correction. If immediate correction is not possible the problem is reported directly to the City's IDDE inspector to be tracked and resolved as an IDDE incident which is reported in section 5 of this annual report.

C.6.e.iii.2.d ► Construction Activities Storm Water Violations

BMP Category	Number of Violations ¹ excluding Verbal Warnings	% of Total Violations ²
Erosion Control	0	0%
Run-on and Run-off Control	0	0%
Sediment Control	2	50%
Active Treatment Systems	0	0%
Good Site Management	2	50%
Non Stormwater Management	0	0%
Total³	4	100%

¹Count 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.

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

³The 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.2.e ► Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP) ⁴	Number Enforcement Actions Issued	% Enforcement Actions Issued⁵
Level 1 ⁶	Verbal Warning	15	79%
Level 2	Written Notice of Violation (NOV)	4	21%
Level 3	Pre-Citation Letter and/or Administrative Citation Fines	0	0%
Level 4	Stop Work Order	0	0%
Total		19	100%

C.6.e.iii.2.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

⁴Agencies should list the specific enforcement actions as defined in their ERPs.

⁵Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁶For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.2.h, i ► Violation Correction Times

	Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	4	100% ⁷
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0% ⁸
Total number of violations (excluding verbal warnings) for the reporting year⁹	4	100%
<p>Comments: Verbal warnings are given for deficiencies at the construction site that will not threaten the quality of stormwater entering the City's storm drain system and for problems that can be corrected immediately or very quickly. This fiscal year, separate from the Apple Campus 2 (AC2) site, there were 3 run-on/runoff problems, 3 sediment control issues, 3 site management issues, and 1 deficiency in erosion control. All were corrected within 10 days and none of the inspected sites repeated the same BMP category violation after a verbal warning was issued. All deficiencies and potential violations at the AC2 site, were resolved within 10 days. Four written notices were issued at the AC2 site for violations. All other issues were resolved with verbal warnings. The contracted inspector for the AC2 site kept a record of his monthly inspections in a separate database and emailed his end-of-year log to the City. The City's Public Works Inspector tracked all potential violations from his inspections in the City's database, but the City does not report those that were resolved with a verbal warning. Verbal warnings are often addressed while the inspector is onsite. Otherwise, the construction site has 48 hours to correct any identified potential threats to the storm drain. While the City logged 19 violations at all sites for FY15-16, only 4 of those violations warranted a written notice.</p>		

C.6.e.iii.(4) ► Evaluation of Inspection Data

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

Description:
Comparison of Inspection findings over 7 Years of MRP implementation

	Erosion Control	Run-on & Runoff	Sediment Control	Active Treatment	Good Site Management	Non-Stormwater Management	Total # of Corrections
FY 15-16	3	4	7	0	5	0	19

⁷Calculated 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.

⁸Calculated 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.

⁹The 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.

FY 14-15	8	1	11	0	8	1	29
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

Nine (9) of the 19 construction site deficiencies observed in FY15-16 were found at the 152-acre Apple Campus 2 site (construction began at AC2 in FY13-14). Four of AC2's potential problems were sediment control issues, 2 were erosion control related, 2 were for inadequate site management and 1 was due to run-on/runoff. Of the other seven C.3 regulated sites, only 4 sites had deficiencies, Of those 4 sites, a total of 10 BMP deficiencies were observed throughout the fiscal year. The City is strictly enforcing its 2013 litter prevention and enforcement ordinance (Sections 9.18. 210 and 9.18.215). Lack of trash and litter controls (good site management) accounted for 3 of the 10 problems. There were not any discharges into the storm drain system from the 8 construction sites inspected in FY15-16. Success of Cupertino's construction site inspection program is indicated by fewer violations in FY15-16 while the number of active construction sites was at a 7-year high.

C.6.e.iii.(4) ► 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 City PW Inspector and environmental division staff participate in SCVURPPP's Construction AHTG and attend SCVURPPP's annual construction site inspection workshop. This year the PW Inspector attended the workshop on 1/22/2016 and the Environmental Specialist and IDDE Inspector attended on 1/20/2016.

The City has one Public Works Engineering Inspector (PW Inspector) to oversee all construction sites determined by the City to be a potential threat to water quality. He conducts inspections during multiple site visits per month to the City's C.3 regulated project sites and sites disturbing one acre or more of land which must comply with the State's General Construction permit. He enters only one inspection per month, and any inspection that results in a BMP deficiency, in the City's C.6 database. Cupertino's Public Works Engineering Inspector is a Certified Erosion, Sediment and Storm Water Inspector (CESSWI) and a Qualified SWPPP Practitioner (QSP). He also conducts the O & M inspections for all permanently installed C3 treatments, controls and systems on private property in Cupertino (Section C.3.h.iv of the City's annual report). This year, after one verbal warning and prompt corrections by the construction site crews, none of the sites repeated a violation of that BMP type. There were no discharges into the storm drain system. The number of violations was the lowest since FY 11-12 and FY 12-13, but the number of construction projects was at a 7-year high. This is evidence of a program that is working well for the City of Cupertino.

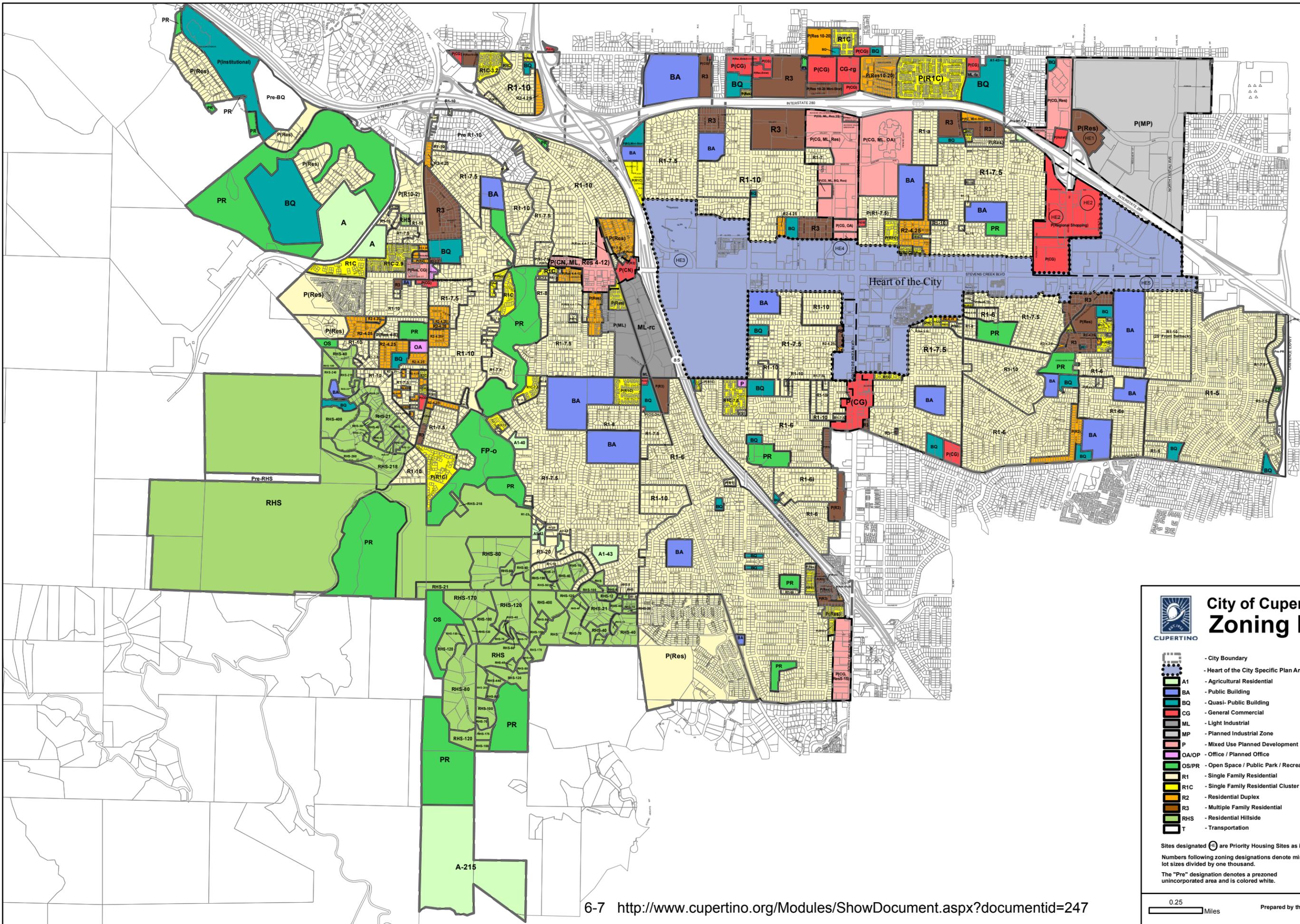
Additionally, Building inspectors are trained annually on stormwater BMPs and provided 16,927 inspections throughout the year wherein they enforced BMP requirements and educated small business contractors on construction site management.

For regional activities see the C.6 Construction Site Control sections of the Santa Clara Valley Program's FY15-16 Annual Report.

Comments from the City’s Public Works Engineering Inspector, CPII, QSP, CESSWI
 In FY 15-16, the City continued to make progress on the overall goal of keeping any runoff on disturbed sites from reaching the City's storm drain system. Public Works staff educate city staff, developers, contractors and the community to ensure compliance when anybody engages in construction activities that have the potential to move dirt. Over the last 21 years, developers have accepted the requirements and are more motivated to achieve the program's goals. Construction budgets dedicate approximately 5% of their project's costs to utilizing BMPs and maintaining SWPPPs. Progress has gone beyond hay bales as a BMP and the inspector can now spend more time inspecting and less time enforcing. Pre-construction meetings have helped City staff engage and educate developers and site managers in storm drain protection & cleanliness.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	
QSP	April 18, 2015 (certification good for 2 years)	Requirements and test for certification of Construction General Permit Qualified SWPPP Practitioners	1 PW Engineering Inspector	100%
SCVURPPP Construction and BMP Inspector Workshop	Jan 22, 2016	<ul style="list-style-type: none"> • Requirements for General and Municipal stormwater permits • O & M inspections and issues 	1 PW Engineering Inspector	100%
Building Inspector Annual Training	March 22, 2016	<ol style="list-style-type: none"> 1. IND inspection process overview 2. MRP 2.0 Overview 3. PCB and Mercury source awareness 4. Drought and water waste 5. Revised IND inspection form discussion 6. IND brochure overview and purpose 7. Inspector guidance sheet discussion 8. Referral of potential/actual violations 	4 Building Inspectors; 1 IDDE Inspector	N/A; Building Inspectors provide an additional level of surveillance & enforcement support for the Construction Site Inspection Program.
CESSWI training - Certified Erosion Sediment and Storm Water Inspector (CESSWI) program and certification developed by EnviroCert International, Inc.	Active Certification good through July 1, 2017.	Certificants meet Federal requirements including the US EPA's National Pollutant Discharge Elimination System definition of "Qualified Personnel!" and also meet the requirements of State and Local regulations that require qualified personnel.	1 PW Engineering Inspector	100%





City of Cupertino
Zoning Map

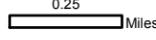
	- City Boundary		- CG-rg Adopted by Ordinance 436
	- Heart of the City Specific Plan Area		- FP-o Adopted by Ordinance 1574
	- Agricultural Residential		- P-Hotel Adopted by Ordinance 1368
	- Public Building		- ML-fa: Adopted by Ordinance 350
	- Quasi-Public Building		- See Master Plan/Specific Plan/Conceptual Plan for details
	- General Commercial		
	- Light Industrial		
	- Planned Industrial Zone		
	- Mixed Use Planned Development		
	- Office / Planned Office		
	- Open Space / Public Park / Recreational Zone		
	- Single Family Residential		
	- Single Family Residential Cluster		
	- Residential Duplex		
	- Multiple Family Residential		
	- Residential Hillside		
	- Transportation		

Sites designated are Priority Housing Sites as identified in the adopted Housing Element

Numbers following zoning designations denote minimum lot sizes divided by one thousand.

The "Pre" designation denotes a prezoned unincorporated area and is colored white.

0.25 Miles



Prepared by the Community Development Department
Created: October 15, 2000
Adopted: December 16, 2014



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

C.7.b.i.1 ► Outreach Campaign

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

Summary:

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

See Section 7 and Section 9 of the SCVURPPP FY 16-17 Annual Report for a description of activities conducted at Countywide level. In addition, the following separate reports developed by SCVURPPP summarize Countywide efforts conducted during FY 15-16:

- FY 15-16 Watershed Watch Campaign Annual Campaign Report
- FY 15-16 Watershed Watch Partner Report
- FY 15-16 Watershed Watch Web Statistics Report

These reports are included within the C.7 Public Information and Outreach section of the SCVURPPP FY 15-16 Annual Report.

City of Cupertino Campaigns are as follows:

- **GreenBiz Program:** As part of the City’s GreenBiz program, 6 Cupertino businesses have been certified as Green Businesses in the FY 15-16, bringing the total number to 40 certified businesses. Cupertino assists, recognizes and rewards organizations that commit to adopting policies and implementing practices that protect the local environment and public health. GreenBiz Cupertino 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 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 watershed and protecting the waterways from pollution. The City’s environmental team, Grassroots Ecology (formerly Acterra), the City’s creek education program and other interested organizations, use this demonstration tool at events, festivals, at a creek, and in classrooms. The Enviroscape is a great hands-on model to educate Cupertino residents.
- **Zero Litter Initiative (ZLI):** During FY 15-16, as a participant of the Santa Clara Valley Zero Litter Initiative (ZLI) the City continued implementing a right size/right service (RS2) campaign to address litter from overflowing trash and recycling containers in situations where such containers are shared by businesses or tenants in multi-family housing. ZLI participants shared learnings and materials from RS2 campaigns and developed a dumpster image for use in collateral that shows best management practices as well as other outreach pieces to support the campaign. ZLI presented at the CRRRA conference for solid waste professionals, the first time that this solid waste

conference had several stormwater presentations related to litter. ZLI is currently working on putting together webinars to share the best practices and ideas with professionals working on litter issues related to a variety of topics.

- **Utility Box Art Contest:** In FY 15-16, Cupertino piloted a community environmental art program to promote a culture of conversation in Cupertino inspired by local art. The first phase of this pilot project decorated 4 traffic controller boxes with student-designed images inspired by the theme “What can I do to conserve resources in Cupertino?”. In the second phase of the pilot scheduled for FY 16-17, 6 more boxes will be painted.
- **Re-Think Disposable:** Cupertino partnered with Clean Water Fund to help food service businesses replace disposable products and reduce litter and waste from their establishments. Four food service businesses in Cupertino began participating in this program in FY15-16.

C.7.c. Stormwater Pollution Prevention Education

Local stormwater phone number(s)	Public Works Environmental Programs Division 408-777-3354
Local/Regional stormwater website(s)	The City of Cupertino provides information on stormwater issues through SCVURPPP’s Watershed Watch Campaign website www.MyWatershedWatch.org ” and through the City’s website at http://cupertino.org/index.aspx?page=1041
<p>Outreach:</p> <p>The City provides stormwater point of contact information during all City public outreach events and facility inspections. Outreach materials that contain the City’s point of contact include My Watershed Watch materials, the City’s Environmental Programs webpage, business cards, reusable bags and flyers.</p> <p>The C.7 Public Information and Outreach section of SCVURPPP 15-16 Annual Report describes efforts conducted by SCVURPPP to publicize stormwater points of contact. The Watershed Watch website is listed on all SCVURPPP outreach materials, including brochures, giveaways, and advertisements. In addition, the local stormwater phone numbers are listed on all outreach brochures, depending on available space.</p>	

C.7.d ► Public Outreach and Citizen Involvement Events

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed. Use the following table for reporting and evaluating public outreach events.

Program staff, the Watershed Watch consultant, and Co-permittees staffed 10 public outreach events in FY 15-16. 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” brochure, “Draining Pools & Spas” brochure, “You are the Solution to Water Pollution” brochure, “Clean Cars & Clean Creeks” brochure, “Mercury in Fish” brochure, and giveaways (e.g. flyswatters, drawstring backpacks, 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 webpages. This was targeted at people that are reluctant to collect paper materials and only want to look up information online. The bean bag toss game for children was used at most of the events. Event staff distributed approximately 4,800 outreach materials and giveaways.

In addition, the Program provided funding for the following citizen involvement events:

1. National River Cleanup Day – The Program supports the involvement of Santa Clara County residents 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 7-7.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
2015 Kids N Fun Festival 8/15/15 Memorial Park, Cupertino Countywide	Type of Event: Public outreach Audience: Families with children Outreach Message: Stormwater pollution prevention, less-toxic pest control, and water quality	General Feedback: This is a great event for educating families with children. The bean bag game was very popular with kids Estimated Overall Attendance: 10,000 Number of Brochures/Flyers Distributed: 213 Number of Giveaways Distributed: 703 Number of Watershed Watch Discount Cards Distributed: 173 Number of kids that played the bean bag game: 523
Silicon Valley Fall Festival 9/12/15 Memorial Park-Cupertino	Type of Event: Public outreach Audience: Families with children Outreach Message: Stormwater pollution prevention, Enviroscope presentation less-	General Feedback: This event is always very well attended by both Cupertino and non-Cupertino residents. Many visitors stopped by the booth to watch the Enviroscope

<p>Local</p>	<p>toxic pest control, proper disposal of household hazardous waste, solid waste resource reduction and recycling, and City services</p>	<p>presentation and to play the Environmental Jeopardy. Many adults asked questions about pest management and drought information. Estimated Overall Attendance: 5,000 Visitors at Booth: 250 Number of Giveaways/Brochures: 200 reusable bags were given away to every child that stopped by to watch the Enviroscape demonstration. The total number of brochures given away is unknown because we recommend residents to look for materials on the City website.</p>
<p>Coastal Cleanup Day 9/19/15 Calabazas Creek at Creekside Park Local</p>	<p>Type of Event: Creek cleanup Audience: Cupertino residents of all ages Outreach Message: Stormwater pollution prevention, stormwater awareness</p>	<p>General Feedback: This event is always an excellent opportunity to inform residents on local free programs and services. Also, this a great opportunity for them to become aware of how much litter can be found in local creeks. Number of Volunteers: around 50 Gallons of Litter Removed: 80</p>
<p>Pumpkins in the Park 10/10/15 Guadalupe River Park/Discovery Meadow, San Jose Countywide</p>	<p>Type of Event: Public outreach Audience: Families with children Message: Stormwater pollution prevention, less –toxic pest control, and water quality</p>	<p>General Feedback: This is a great event for educating families with children. The bean bag game was very popular with kids Estimated Overall Attendance: 13,000-15,000 Number of Brochures/Flyers Distributed: 168 Number of Giveaways Distributed: 486 Number of Watershed Watch Discount Cards Distributed: 174 Number of kids that played the bean bag game: 402</p>
<p>Watershed Watch “half-off” two hour Car Wash Event 10/21/15 Westgate Classic Car Wash, 18560 Prospect Rd., Saratoga Countywide</p>	<p>Type of Event: Public Outreach Audience: Car wash customers Message: Stormwater pollution prevention and proper car washing</p>	<p>General Feedback: This is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. However, many of customers used the drive-through car wash lane. Event staff could not interact with these customers. Estimated Overall Attendance: 100 Number of Brochures/Flyers Distributed: 4</p>

		Number of Watershed Watch Discount Cards Distributed: 28
Watershed Watch “half-off” two hour Car Wash April 27, 2016 Robertsville Classic Car Wash, 5005 Almaden Exp., San Jose Countywide	Type of Event: Public Outreach Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.	General Feedback: Attendance at the event was lower than usual because of inadequate promotion by the radio station and a forecast of rain. Estimated Overall Event Attendance: 18 Number of Watershed Watch Discount Cards Distributed: 10
Cupertino Annual Earth & Arbor Day 4/30/16 Cupertino City Hall & Library Local	Type of Event: Community Earth Day event Audience: Cupertino residents of all ages Message: Stormwater pollution prevention, stormwater awareness, Less-toxic pest control, proper disposal of HHW, solid waste resource reduction and recycling, City services	General Feedback: All Cupertino Environmental Staff attended this event. Many parents and children stopped by the Environmental booth to watch the Enviroscope demonstration and to collect flyers. This event is an excellent opportunity to not only educate homeowners, but also young children. Estimated Overall Attendance: 8,000-10,000 Visitors at Booth: 300 Number of Giveaways/Brochures: The City encourages residents interested in flyers or brochures to collect them online to save paper. 200 reusable bags were given away.
National River Cleanup Day 5/21/16 Calabazas Creek at Creekside Park Local	Type of Event: Creek cleanup Audience: Cupertino residents of all ages Outreach Message: Stormwater pollution prevention, stormwater awareness	General Feedback: This event is always an excellent opportunity to inform residents on local free programs and services. Also, this a great opportunity for them to become aware of how much litter can be found in local creeks. Number of Volunteers: 70 Gallons of Litter Removed: 185
World Water Monitoring Day 5/14/16 Blackberry Farm, Cupertino Countywide/Local	Type of Event: Community Event Audience: Cupertino residents of all ages and other Santa Clara County residents Outreach Message: Stormwater pollution prevention, stormwater awareness	General Feedback: City staff began the event with an Enviroscope presentation for participants. Grassroots Ecology then extended the education through various water stations where participants could identify creek insects, use kits to collect data such as temperature, pH levels, dissolved oxygen, and turbidity. Estimated Overall Attendance: 14 youth (college age or younger) 5 adult participants

<p>Summer of Service Program 7/18/15, 7/29/15, 6/22/16, 6/28/16 Don Edwards Wildlife Refuge, Alviso Countywide</p>	<p>Type of Event: Citizen Involvement Description/Audience: Partnership program between the Children’s Discovery Museum (CDM) 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. Messages: Stormwater pollution prevention, sustainable gardening</p>	<p>General Feedback: The continued participation of CDM indicates the success of this program. Overall Attendance: The Summer of Service Program reached a total of 54 attendees, including 50 middle school students and 4 adults.</p>
<p>Stewardship Programs-Gardening Without Chemicals 7/8/15, 7/29/15, 12/8/15, 12/11/15, 12/19/15, 1/23/16, 1/30/16, 2/20/16, 2/27/16, 3/9/16, 4/10/16 Don Edwards Wildlife Refuge, Alviso Countywide</p>	<p>Type of Event: Citizen Involvement Description/Audience: Stewardship programs are conducted on open days for schools groups and the general public to work in the gardens planting native plants, pulling non-native plants, and mulching. Messages: Stormwater pollution prevention, sustainable gardening</p>	<p>General Feedback: A large number of youth and adults continued to participate in stewardship programs this year. Overall Attendance: Stewardship programs reached a total of 115 attendees, including 27 elementary school students, 23 middle school students, 33 high school students and 32 adults.</p>
<p>Bug Club (Macroinvertebrate Study) Twice a month McClellan Ranch Junior Museum, Deep Cliff Golf Course, Blackberry Farm, Stocklmier Orchard Local</p>	<p>Tenth year of an ongoing study of the macroinvertebrates (bugs) that live at the bottom of Stevens Creek.</p>	<p>General Feedback: Provides environmental education and an opportunity for community volunteers to be involved in citizen science. Overall Attendance: estimated 5-8 regular volunteer meets twice a month. Approximately half of the participants are youth.</p>
<p>Water Quality Monitoring with Acterra Stewardship (now Grassroots Ecology) Monthly events McClellan Ranch Preserve and several other sites along Stevens Creek Countywide</p>	<p>Volunteers conduct monthly monitoring of water chemistry.</p>	<p>General Feedback: Provides environmental education and an opportunity for community volunteers to be involved in citizen science through creek stewardship. Overall Attendance: 11 events total, 66 youth (college age or younger) 39 adult participants.</p>
<p>Habitat Restoration Project Throughout the year McClellan Ranch and Black Berry Farm Countywide</p>	<p>Volunteers pull invasive plants, mulch, collect native plant seeds, and plant native plants during the winter planting season. The goal is to improve habitats for local wildlife.</p>	<p>General Feedback: Volunteers help to improve habitats for wildlife by removing invasive plants and planting native plants. Participants learn about the value of native plants - both the City’s open spaces and in their own backyards.</p>

		Overall Attendance: 120 events with 1,098 youth (college age or younger) and 131 adult participants
De Anza & Foothill College Fieldtrips Throughout the year McClellan Ranch and Blackberry Farm Local	Students are given hands-on opportunities to do water quality monitoring.	General Feedback: Teachers find this fieldwork a valuable addition to classroom curriculum. Overall Attendance: 17 fieldtrips, 530 students and teachers total.
Garden Insect & Pesticide Alternatives McClellan Ranch & Quinlan Community Center Local	The City's naturalist set up a hands-on inspect display table at Santa Clara Valley Audubon Society's Wildfire Education Day and at Cupertino's Earth Day to familiarize children and adults with common garden insects and spiders, learn about the beneficial aspect, and to introduce alternative pest controls.	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. Overall Attendance: 600 students and parents
De Anza College Environmental Studies Field Trip McClellan Ranch Local	7 half hour presentations were given to students in ES1, ES2, and Biology 6C classes regarding Stevens Creek Watershed. Discussion of the effects of non-permeable surfaces, non-point source pollution, and storm water discharge into creek was included as part of general discussion of watershed concepts.	General Feedback: Instructor finds this field trip a valuable addition to both ES1 and ES2. Overall Attendance: about 450

C.7.e. ► Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

During FY 15-16, 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 15-16 Annual Report.

City of Cupertino's Environmental Programs Manager is a voting member and the City's representative for Recycling and Waste Reduction Commission's (RWRC's) Technical Advisory Committee (TAC) and the voting member of the Santa Clara Valley Urban Runoff Pollution Prevention Program Management Committee. In addition to the above mentioned committees, the Environmental Programs Manager is a member of the Santa Clara County Zero Waste sub-committee and SCVURPPP's Zero Litter Initiative work group.

Cupertino's Environmental Programs staff participates in the Watershed Education and Outreach (WEO) Ad Hoc Group. Campaigns and activities include: funding for programs at Alviso Education Center, ZunZun watershed performances in local schools, and other local and regional campaigns. See SCVURPPP's Watershed Watch Plan for details.

Since February 2015, Cupertino has partnered with one of De Anza College's professors, Dr. Krikor Andonian. Dr. Andonian teaches one of the *Introduction to the Environment* courses at the college. When the class has reached the biology portion of their course, 30-40 students work with City staff during class time at the Stevens Creek trash hot spot. City staff educate the students on the importance of protecting watersheds and why City staff visit the creek site monthly to conduct trash clean up's.

Another partnership the City has is with Grassroots Ecology, formerly Acterra. Each year Grassroots Ecology and Cupertino co-host World Water Monitoring Day at McClellan Ranch. Local volunteers spend a few hours learning how to test water for chemicals and imbalances, insect identification, and the importance of creek health.

C.7.f. ► School-Age Children Outreach

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

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
ZunZun Musical Assembly Grade or level: elementary	Interactive, musical school assemblies educating K-6 children about watersheds and pollution prevention.	14,614 students	ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 90 completed evaluation cards from teachers. A few highlights of the evaluations are: <ul style="list-style-type: none"> • After the performance, 16 teachers reported that 100% of their students knew what a watershed was; 35 teachers indicated that 75% of their students knew what a watershed was; 21 teachers indicated that 50% of their students knew what a watershed was; and 21 teachers indicated that 25% of their students knew what a watershed was. • After the performance, 57 teachers indicated that 100% of their students could name a way to prevent pollution in the watershed; 23 teachers indicated that 75% of their students could name a way to prevent pollution in the watershed; 4 teachers indicated that 50% of their students could name a way to prevent pollution in the watershed; and 3 teachers indicated that 25% of their students could name a way to prevent pollution in the watershed. In addition, 18 classrooms completed the "I Pledge to Keep My School Clean" activity. The pledge requires students to dispose of

			trash or recyclables properly or pick up litter for a week. Students sign the pledge each day to indicate completion. Teachers are asked to fax or email the completed pledge form to Program staff to be entered into a monthly drawing. Watershed Watch sports backpacks were distributed to students in 10 classrooms.
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.	67 pre-kindergarteners, 747 elementary school students, 548 middle school students, and 167 high school students.	Visitor surveys and pledges are used to determine visitor demographics, effectiveness of publicity, and the effectiveness of the Watershed Watchers Program. Details are included within the Watershed Watchers included in Appendix 7-7 of the SCVURPPP FY 15-16 Annual Report.
Cupertino 3 rd Grade Education & Field Trip Program Grade Level: 3 rd grade	The 3 rd Grade Education and Field Trip Program is very popular with the Cupertino School District and its teachers. Started in 1995, it continues to be refined to update and incorporate new messages. A half hour review of general water and habitat pollution prevention and creek concepts precede the actual creek walk. Cupertino's docents observe what each teacher has spent time in the classroom reviewing to prepare the students for the field trip.	Total Students: 752 Total Parents:121 Total Teachers: 35 Total Overall: 908	General Feedback: The 3 rd Grade Education and Field Trip Program continues to be popular both among students, educators and parents.
High School Watershed Education Program Grade Level: High School	Students conducted a scientific sampling survey of creek bugs from a site in McClellan Ranch during September 2015. They spent a week in the classroom sorting/identifying the bugs and analyzing the resulting data in February 2016.	Total Students: 64	General Feedback: Students and teachers were thrilled to take part in this real world scientific study of the health of Stevens Creek.

<p>Acterra Youth Stewards & Nature Walk & Talks for the Community Grade: High School & Middle School</p>	<p>The Acterra Youth Stewards are teens who met most Friday afternoons with a focus on environmental education and stewardship. Acterra also sponsored two Walk & Talks, on in partnership with Girl Scouts focusing on "Finding Mother Nature" and the other a night hike to find creatures which glow under UV light.</p>	<p>Total Students: 200</p>	<p>General Feedback: The teens are quite enthusiastic at having the opportunity to make a real contribution to improving habitat and greatly enjoy working with other teens. People of all ages love learning new things in the Walk & Talks.</p>
<p>Helping Hands Volunteer Cleanup Grade: High School</p>	<p>Helping Hands was inspired by the drive and determination of a high school student looking to help out in Cupertino and boost the appearance of local parks. The volunteers helped with trash removal along creek and nearby streets, Cupertino parks, and McClellan Ranch. They helped remove invasive plants in riparian areas and assisted older members of the Cupertino Community Garden with plot cleanup and mulching.</p>	<p>Estimated Attendance: 70</p>	<p>General Feedback: Not only do volunteers perform valuable work, but they also learn about the environmental issues related to the work they perform during Helping Hands orientations</p>
<p>Monta Vista High School Biology Field Trip Grade Level: 9th grade high school</p>	<p>The City's Park and Recreation staff. Naturalist assists the students of Monta Vista High School to regularly perform water quality monitoring and research in Stevens Creek.</p>	<p>Estimated Attendance: 220</p>	<p>General Feedback: This program is typically conducted annually and is very popular with both teachers and students.</p>
<p>Nature Camp & Summer Fun Grade Level: children 5-10 years old</p>	<p>Participants in three sessions of Nature Camp and two sessions of Summer Science take part in presentations and activities related to water quality and watershed health.</p>	<p>Estimated Attendance: 252</p>	<p>General Feedback: Camp goers enjoyed hands-on activities, nature activities, and storytelling. All activities are related to watersheds and water quality.</p>
<p>Presentation for Cupertino Green Teens Grade Level: High School</p>	<p>City staff provided Cupertino Teens with the opportunity to serve their local community while learning about local natural and environmental resources. Empower students to "be</p>	<p>Estimated Attendance: 11 students at the first event, 6 students in the second</p>	<p>Generally Feedback: Students were enthusiastic about implementing water and energy conservation and materials management methods at home. Teens also learned about GreenBiz Cupertino and felt</p>

	the change” by exploring their opportunities to be resource stewards in both a natural setting and indoors.		encouraged to shop at the certified businesses in Cupertino. Students learned about nature at the preserve while volunteering to help restore habitat.
--	---	--	--

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance								
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?					X	Yes		No
If no, explain:								
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.								
Trends in Quantities and Types of Pesticides Used¹								
Pesticide Category and Specific Pesticide Used	Amount ²							
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21		
Organophosphates	0							
Pyrethroids	0							
Carbamates	0							
Fipronil	0							
Indoxacarb	Reporting not required in FY 15-16							
Diuron	Reporting not required in FY 15-16							
Diamides	Reporting not required in FY 15-16							
IPM Tactics and Strategies used:								
City staff and contractors use different IPM tactics that do not involve the use of chemicals. One method used for Argentine Ants is avoiding excessive watering flowerbeds and trimming shrubs, trees, and other vegetation back two feet from buildings. Another non-chemical strategy used is removing declining trees or cutting off tree limbs covered in fungus. All municipal pesticide usage is tracked monthly in a separate table available upon request.								

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

²Weight or volume of the product or preferably its active ingredient, using same units for the product each year. Please specify units used. 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: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, and permethrin.

C.9.b ▶ Train Municipal Employees	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	18
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	18
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	100%
<p>Type of Training:</p> <p>Golf Industry Show February 9-10, 2016 – The City's golf course IPM contractor attended this conference for IPM turf grass management.</p> <p>Spring Symposium March 3, 2016 – The City's golf course IPM contractor attended the Spring Symposium to gain new information on IPM turf management.</p> <p>Annual City and Contractor IPM Training June 22 and June 28, 2016 – The Annual City and Contractor IPM Training meeting was held at the City's Service Center and City Hall. All supervisors of the division that apply pesticides on City property attended along with the City's Naturalist, two contracting pest control applicators (for facilities and the City's golf course), and two Environmental Programs staff.</p> <p>Rodent Control Training July 18, 206 – A total of 10 City of Cupertino staff attended this training. Topics covered during this training were methods for trapping gophers and squirrels and discussion of the CA Department of Fish and Wildlife regulations concerning rodent trapping and disposition.</p>	

C.9.c ▶ Require Contractors to Implement IPM			
Did your municipality contract with any pesticide service provider in the reporting year?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No
<p>If yes, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored.</p> <p>Cupertino's Environmental Programs staff, Service Center staff the City Naturalist, and contracted pesticide service providers meet annually to review pesticides/herbicides used during the fiscal year. The Environmental Programs staff also reviews the most recent San Francisco Reduced Risk Pesticide List. Contractors were required to sign the Cupertino IPM Policy at this meeting (attached).</p>			

C.9.d ▶ Interface with County Agricultural Commissioners

Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
---	-------------------------------------	-----	--------------------------	----

If yes, summarize the communication. If no, explain.

See Section 9 of the SCVURPPP FY 15-16 Annual Report for summary of communication with the Santa Clara County Agricultural Commissioner.

Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
--	--------------------------	------------	-------------------------------------	-----------

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

C.9.e.ii (1) ▶ 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 15-16:

- FY 15-16 Store Employee Training Report (SCVURPPP)
- FY 15-16 Store Employee Training Evaluation Summary (SCVURPPP)
- FY 15-16 Store Employee Training Status Table (SCVURPPP)
- FY 15-16 List of Stores in the IPM Store Partnership Program (SCVURPPP)
- FY 15-16 BASMAA "Our Water, Our World" (OWOW) Report (BASMAA)

C.9.e.ii (2) ▶ Public Outreach: Pest Control Contracting Outreach

Provide a summary of outreach to residents who use or contract for structural pest control and landscape professionals); **AND/OR** reference a report of a regional effort for outreach to residents who hire pest control and landscape professionals in which your agency participates.

Summary:

See Section 7 and Section 9 of the Program's FY 15-16 Annual Report for a summary of outreach to residents and businesses that use or hire structural pest control and landscape professional. In addition, see the following separate reports, included within Section 7 of the Program's FY 15-16 Annual Report.

- FY 15-16 Watershed Watch Campaign Final Report

C.9.e.ii.(3) ► 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); **AND/OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:

See the C.9 Pesticides Toxicity Control section of Program's FY 15-16 Annual Report for a summary of outreach to pest control operators and landscapers to reduce pesticide use. In addition, see the following separate reports, included within Section 7 and Section 9 of the Program's FY 15-16 Annual Report, for additional details on outreach to pest control operators:

- FY 15-16 Watershed Watch Campaign Final Report
- FY 15-16 Green Gardener Training Report

C.9.f ► Track and Participate in Relevant Regulatory Processes

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

Summary:

During FY 15-16, The City of Cupertino participated in regulatory processes related to pesticides through contributions to SCVURPPP, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ► Trash Load Reduction Summary

For population-based Permittees, provide 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 reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage, including whether the 60% trash reduction performance guideline was attained. If not attained, include a discussion of next steps (e.g., development of a detailed plan or report of non-compliance).

Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	27.1%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ¹	48.8%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv) ¹	10.0%
SubTotal for Above Actions	75.8%
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	2.0%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	NA
Total (Jurisdictional-wide) % Trash Load Reduction in FY 15-16	77.9%

Discussion of Trash Load Reduction Calculation:
 The City attained and reported a 72% trash load reduction in its FY 14-15 Annual Report, exceeding the trash load reduction target of 40% by 2014. The reissued MRP contains a revised calculation methodology that eliminates or caps past trash load reduction offsets or credits. Based on the new calculation methodology, as of July 1, 2016, the City has achieved a 78% trash load reduction (including trash offsets). The reissued MRP also added a non-mandatory performance guideline of attaining 60% trash reduction by July 1, 2016. Based on the new calculation methodology and the information provided in this Annual Report, the City has exceeded the 60% performance guideline.

Measures the City implemented to achieve 77% trash load reduction:
 (1) The City had 107 trash full capture devices. In Oct 2015, installed 11 more to treat an additional 25 acres of high trash generating retail area;
 (2) Street sweeping is conducted weekly in all retail and commercial areas (high and medium trash generating areas);
 (3) Curb inlet screens installed on 66 public right-of-way drain inlets to keep trash at street/curb level for weekly sweeping;

¹ See Appendix 10-1 for changes between 2009 and FY 15-16 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

- (4) City banned distribution of plastic shopping bags (Oct 1, 2013) and Styrofoam™ food and beverage ware (July 1, 2014);
- (5) Muni code requires property owner to install and maintain trash full capture on all drain inlets that connect to the City's storm drain system from C.3 regulated sites (Nov 2011) Enforced via C.3 O&M inspections & IND inspections. Applies to smaller sites with history of housekeeping violations;
- (6) Litter Prevention ordinance 9.18.215 requires private commercial property owners to permanently maintain a litter-free site, including parking lots and sidewalks at the perimeter of their property. Enforced through > 80 IND inspections per year & complaints/reports from public and agency staff. Non-compliance generates cleanup and \$100 re-inspection fee to verify resolution.
- (7) As of Jan. 2016, City's full capture devices are inspected and vacuumed twice annually. First maintenance begins in July, prior to rainy season;
- (8) City staff conducts 14 creek cleanups per year at its two hot spots. Community creek events of 60-80 volunteers are held twice annually.
- (9) City mandates redevelopment project owners and new businesses to permanently install and maintain outdoor public waste/recycling/organics trios to provide convenient disposal for pedestrians and people parking their cars to shop and eat. (One trio required for every 4-5 businesses).
- (10) Through the City's garbage hauler's subcontractor, all apartment and single family residents are provided with door-to-door hazardous waste collection to reduce likelihood of illegal dumping. The Countywide hazardous material drop off is also available and free for all residents.
- (11) Through an exclusive garbage and recycle hauling agreement, contractor's loads must be covered and hauler will be penalized for loose litter. Truck drivers must report overfilled bins to city staff for enforcement follow-up and to introduce businesses to City's litter prevention ordinance.
- (12) Since January 2014, the City has been a partner in Clean Water Action/Fund's (CWA/CWF) regional Bay Area Rethink Disposable campaign. With guidance from CWA/CWF, city staff offer technical assistance to help businesses convert their disposable food ware products to reusable products, eliminate excess packaging and reduce waste, litter and business costs. Cupertino staff visit on average 2 restaurants or retailers per week to engage the business community in best practices required to become a Rethink Disposable partner and to become eligible for statewide Green Business certification. A Clean Water Action/Fund study found that 67% of street litter and trash in storm drains was take-out food and beverage packaging. In FY 15-16 Cupertino recruited 4 business partners. On June 25th at a Rethink Disposable Summit in Cupertino, the City's Environmental Programs manager presented the various measures Cupertino has implemented to reduce its trash load to creeks along with speakers on related topics from Clean Water Action/Fund and EPA.

C.10.a.iii ► Mandatory Trash Full Capture Systems

Provide the following:

- 1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 15-16, during FY 15-16, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.
- 2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.

Type of System	# of Systems	Areas Treated (Acres)*
Installed Prior to FY 15-16		

Connector Pipe Screens (CPSs)	107	109
Low Impact Development (LID)	11	99
Installed in FY 15-16		
Connector Pipe Screens (CPSs)	11	25
Total for all Systems Installed To-date	133	233
Treatment Acreage Required by Permit (Population-based Permittees)		64
Total # of Systems Required by Permit (Non-population-based Permittees)		NA

C.10.b.i ► Trash Reduction - Full Capture Systems

Provide the following:

- 1) Jurisdictional-wide trash reduction in FY 15-16 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) Since the effective date of MRP 2.0 (January 1, 2016), the percentage of systems that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full	Summary of Maintenance Issues and Corrective Actions
1	14.9%	133	0%	All of the City's full capture devices are pipe connector screens. Each device is inspected and vacuumed every year beginning in July to prepare for the rainy season. As of 2016 all devices are vacuumed twice a year – pre and post rainy season. Vacuum truck maintenance crews met with Engineering, Environmental and GIS staff 3 times in the spring to develop a tracking method for pipe connector screen blockage of 50% or more. Thus far, maintenance crews have not observed blockage to that extent. Crews will record the amount of blockage on the work order and GIS will map devices that are prone to blockage. Frequency will be increased for devices that are > 50% blocked at time of inspection and cleaning.
2	7.5%			
3	3.1%			
4	1.0%			
5	0.2%			
6	NA*			
7	0%			
8	0.4%			
9	0%			
Total	27.1%			

Certification Statement:

The City of Cupertino certifies that a full capture system maintenance and operation program is consistently being implemented to maintain all its full capture devices (pipe connector screens) in a manner that meets the full capture system requirements included in the Permit.

*TMA 6 is entirely non-jurisdictional (i.e., K-12 public schools, colleges or universities) and will omitted from future tables

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A)	
Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels and areal extent of implementation, and whether actions are new, including initiation date.	
TMA	Summary of Trash Control Actions Other than Full Capture Systems
1	<ul style="list-style-type: none"> • This TMA has 52 full capture pipe connector screens, 47 partial capture devices to protect inlets w/ full capture and 3 LID facilities; • Educated all medium and large waste generating businesses on litter prevention ordinance during visits to introduce the City's mandatory commercial organics recycling ordinance phase 1 (Sept 1, 2015) and phase 2 (Jan 20, 2016); • Litter Prevention ordinance 9.18.215 requires private commercial property owners to permanently maintain a litter-free site, including parking lots and sidewalks at the perimeter of their property. Enforced during IND inspections and in response to reports from the public and agency staff. Reinspection fees of \$100 for staff time to verify resolution of non-compliance. • Educated businesses on the Litter Prevention and Enforcement ordinance during IND inspections and Issued re-inspection fees for verification after uncontained trash or litter was cleaned up; • Required full trash capture devices on all drain inlets that connect to the City's storm drain system at C.3 regulated projects. Enforced during C.3 O&M inspections & IND inspections. Required same of smaller sites with history of housekeeping violations; • City mandates redevelopment project owners and new businesses to permanently install and maintain outdoor public waste/recycling/organics trios to provide convenient disposal for pedestrians and people parking their cars to shop and eat. (CMC 9.18.215) (One trio required for every 4-5 businesses); • Street sweeping is conducted weekly in all retail and commercial areas (high and medium trash generating areas); • Through the City's garbage hauler's subcontractor, all apartment and single family residents are provided with door-to-door hazardous waste collection to reduce likelihood of illegal dumping. The Countywide hazardous material drop off is also available and free for all residents. • Through an exclusive garbage and recycle hauling agreement, contractor's loads must be covered and hauler will be penalized for loose litter. Truck drivers must report overfilled bins and uncontained trash to city staff for enforcement follow-up. • Since January 2014, the City has been a partner in Clean Water Action/Fund's (CWA/CWF) regional Bay Area ReThink Disposable campaign; • Staff visited on average 2 retail or food businesses per week to discuss becoming a certified Green Businesses and a ReThink Disposable partner in which disposable food ware is replaced with reusable food ware and excess packaging is eliminated.
2	<ul style="list-style-type: none"> • This TMA has 35 full capture pipe connector screens (8 were installed in FY 15-16 on Bandlely Drive, Alves Drive and Saich Way) and 3 LID facilities; • Educated all medium and large waste generating businesses on litter prevention ordinance during visits to introduce the City's mandatory commercial organics recycling ordinance phase 1 (Sept 1, 2015) and phase 2 (Jan 20, 2016); • Litter Prevention ordinance 9.18.215 requires private commercial property owners to permanently maintain a litter-free site, including parking lots and sidewalks at the perimeter of their property. Enforced during IND inspections and in response to reports from the public and agency staff. Reinspection fees of \$100 for staff time to verify resolution of non-compliance; • Educated businesses on the Litter Prevention and Enforcement ordinance during IND inspections and Issued re-inspection fees for verification after uncontained trash or litter was cleaned up;

	<ul style="list-style-type: none"> • Required full trash capture devices on all drain inlets that connect to the City's storm drain system at C.3 regulated projects. Enforced during C.3 O&M inspections & IND inspections. Required same of smaller sites with history of housekeeping violations; • City mandates redevelopment project owners and new businesses to permanently install and maintain outdoor public waste/recycling/organics trios to provide convenient disposal for pedestrians and people parking their cars to shop and eat. (CMC 9.18.215) (One trio required for every 4-5 businesses); • Street sweeping is conducted weekly in all retail and commercial areas (high and medium trash generating areas); • Through the City's garbage hauler's subcontractor, all apartment and single family residents are provided with door-to-door hazardous waste collection to reduce likelihood of illegal dumping. The Countywide hazardous material drop off is also available and free for all residents. • Through an exclusive garbage and recycle hauling agreement, contractor's loads must be covered and hauler will be penalized for loose litter. Truck drivers must report overfilled bins and uncontained trash to city staff for enforcement follow-up. • Since January 2014, the City has been a partner in Clean Water Action/Fund's (CWA/CWF) regional Bay Area ReThink Disposable campaign; • Staff visited on average 2 retail or food businesses per week to discuss becoming a certified Green Businesses and a ReThink Disposable partner in which disposable food ware is replaced with reusable food ware and excess packaging is eliminated.
<p>3</p>	<ul style="list-style-type: none"> • This TMA has 4 full capture pipe connector screens (2 were installed in FY 15-16 on De Anza Blvd) and 2 LID facilities; • Educated all medium and large waste generating businesses on litter prevention ordinance during visits to introduce the City's mandatory commercial organics recycling ordinance phase 1 (Sept 1, 2015) and phase 2 (Jan 20, 2016); • Litter Prevention ordinance 9.18.215 requires private commercial property owners to permanently maintain a litter-free site, including parking lots and sidewalks at the perimeter of their property. Enforced during IND inspections and in response to reports from the public and agency staff. Reinspection fees of \$100 for staff time to verify resolution of non-compliance; • Educated businesses on the Litter Prevention and Enforcement ordinance during IND inspections and Issued re-inspection fees for verification after uncontained trash or litter was cleaned up; • Required full trash capture devices on all drain inlets that connect to the City's storm drain system at C.3 regulated projects. Enforced during C.3 O&M inspections & IND inspections. Required same of smaller sites with history of housekeeping violations; • City mandates redevelopment project owners and new businesses to permanently install and maintain outdoor public waste/recycling/organics trios to provide convenient disposal for pedestrians and people parking their cars to shop and eat. (CMC 9.18.215) (One trio required for every 4-5 businesses); • Street sweeping is conducted weekly in all retail and commercial areas (high and medium trash generating areas); • Through the City's garbage hauler's subcontractor, all apartment and single family residents are provided with door-to-door hazardous waste collection to reduce likelihood of illegal dumping. The Countywide hazardous material drop off is also available and free for all residents. • Through an exclusive garbage and recycle hauling agreement, contractor's loads must be covered and hauler will be penalized for loose litter. Truck drivers must report overfilled bins and uncontained trash to city staff for enforcement follow-up. • Since January 2014, the City has been a partner in Clean Water Action/Fund's (CWA/CWF) regional Bay Area ReThink Disposable campaign; • Staff visited on average 2 retail or food businesses per week to discuss becoming a certified Green Businesses and a ReThink Disposable partner in which disposable food ware is replaced with reusable food ware and excess packaging is eliminated.
<p>4</p>	<ul style="list-style-type: none"> • This TMA has 23 full capture pipe connector screens (2 were installed in FY 15-16 on De Anza Blvd near the I 280 interchange) and near Stevens Creek Blvd plus 2 LID facilities;

	<ul style="list-style-type: none"> • Educated all medium and large waste generating businesses on litter prevention ordinance during visits to introduce the City's mandatory commercial organics recycling ordinance phase 1 (Sept 1, 2015) and phase 2 (Jan 20, 2016); • Litter Prevention ordinance 9.18.215 requires private commercial property owners to permanently maintain a litter-free site, including parking lots and sidewalks at the perimeter of their property. Enforced during IND inspections and in response to reports from the public and agency staff. Reinspection fees of \$100 for staff time to verify resolution of non-compliance; • Educated businesses on the Litter Prevention and Enforcement ordinance during IND inspections and Issued re-inspection fees for verification after uncontained trash or litter was cleaned up; • Required full trash capture devices on all drain inlets that connect to the City's storm drain system at C.3 regulated projects. Enforced during C.3 O&M inspections & IND inspections. Required same of smaller sites with history of housekeeping violations; • City mandates redevelopment project owners and new businesses to permanently install and maintain outdoor public waste/recycling/organics trios to provide convenient disposal for pedestrians and people parking their cars to shop and eat. (CMC 9.18.215) (One trio required for every 4-5 businesses); • Street sweeping is conducted weekly in all retail and commercial areas (high and medium trash generating areas); • Through the City's garbage hauler's subcontractor, all apartment and single family residents are provided with door-to-door hazardous waste collection to reduce likelihood of illegal dumping. The Countywide hazardous material drop off is also available and free for all residents. • Through an exclusive garbage and recycle hauling agreement, contractor's loads must be covered and hauler will be penalized for loose litter. Truck drivers must report overfilled bins and uncontained trash to city staff for enforcement follow-up. • Since January 2014, the City has been a partner in Clean Water Action/Fund's (CWA/CWF) regional Bay Area ReThink Disposable campaign; • Staff visited on average 2 retail or food businesses per week to discuss becoming a certified Green Businesses and a ReThink Disposable partner in which disposable food ware is replaced with reusable food ware and excess packaging is eliminated.
<p style="text-align: center;">5</p>	<ul style="list-style-type: none"> • This TMA has 3 full capture pipe connector screens near the I-85 on and off ramps; • Educated all medium and large waste generating businesses on litter prevention ordinance during visits to introduce the City's mandatory commercial organics recycling ordinance phase 1 (Sept 1, 2015) and phase 2 (Jan 20, 2016); • Litter Prevention ordinance 9.18.215 requires private commercial property owners to permanently maintain a litter-free site, including parking lots and sidewalks at the perimeter of their property. Enforced during IND inspections and reports from the public and agency staff. Reinspection fees are \$100 to verify resolution of non-compliance. • Educated businesses on the Litter Prevention and Enforcement ordinance during IND inspections and Issued re-inspection fees for verification after uncontained trash or litter was cleaned up; • Required full trash capture devices on all drain inlets that connect to the City's storm drain system at C.3 regulated projects. Enforced during C.3 O&M inspections & IND inspections. Required of smaller sites with history of housekeeping violations; • City mandates redevelopment project owners and new businesses to permanently install and maintain outdoor public waste/recycling/organics trios to provide convenient disposal for pedestrians and people parking their cars to shop and eat. (CMC 9.18.215) (One trio required for every 4-5 businesses);

	<ul style="list-style-type: none"> • Staff visited on average 2 retail or food businesses per week to discuss becoming a certified Green Businesses and a ReThink Disposable partner in which disposable food ware is replaced with reusable food ware and excess packaging is eliminated; • Street sweeping is conducted weekly in all retail and commercial areas (high and medium trash generating areas); • City staff conducts 14 creek cleanups per year at its two hot spots TMA 5 and TMA7. Community creek events with 60-80 volunteers are held twice annually on National River Cleanup Day and Coastal Cleanup Day. • Through the City's garbage hauler's subcontractor, all apartment and single family residents are provided with door-to-door hazardous waste collection to reduce likelihood of illegal dumping. The Countywide hazardous material drop off is also available and free for all residents. • Through an exclusive garbage and recycle hauling agreement, contractor's loads must be covered and hauler will be penalized for loose litter. Truck drivers must report overfilled bins and uncontained trash to city staff for enforcement follow-up . • Since January 2014, the City has been a partner in Clean Water Action/Fund's (CWA/CWF) regional Bay Area ReThink Disposable campaign.
7	<ul style="list-style-type: none"> • This TMA, consisting of city parks and schools and churches, does not have any full capture devices. It is partially treated by devices within neighboring TMAs. • City parks continue to be maintained multiple times per week by maintenance crews; • No Smoking Ordinance in Parks adopted in 2011 (CMC 10.90.020 Smoking Prohibited); • Educated all medium and large waste generating businesses on litter prevention ordinance during visits to introduce the City's mandatory commercial organics recycling ordinance phase 1 (Sept 1, 2015) and phase 2 (Jan 20, 2016); • Litter Prevention ordinance 9.18.215 requires private commercial property owners to permanently maintain a litter-free site, including parking lots and sidewalks at the perimeter of their property. Enforced during IND inspections and reports from the public and agency staff. Reinspection fees are \$100 to verify resolution of non-compliance. • Required full trash capture devices on all drain inlets that connect to the City's storm drain system at C.3 regulated projects. Enforced during C.3 O&M inspections & IND inspections. Required of smaller sites with history of housekeeping violations; • City mandates redevelopment project owners and new businesses to permanently install and maintain outdoor public waste/recycling/organics trios to provide convenient disposal for pedestrians and people parking their cars to shop and eat. (CMC 9.18.215) (One trio required for every 4-5 businesses); • Street sweeping is conducted weekly in all retail and commercial areas (high and medium trash generating areas); • City staff conducts 14 creek cleanups per year at its two hot spots TMA 5 and TMA7. Community creek events with 60-80 volunteers are held twice annually on National River Cleanup Day and Coastal Cleanup Day. • Through an exclusive garbage and recycle hauling agreement, contractor's loads must be covered and hauler will be penalized for loose litter. Truck drivers must report overfilled bins and uncontained trash to city staff for enforcement follow-up. • Since January 2014, the City has been a partner in Clean Water Action/Fund's (CWA/CWF) regional Bay Area ReThink Disposable campaign.
8	<ul style="list-style-type: none"> • 152 acres of this TMA (a C.3. regulated project) is scheduled to be treated with full capture by the end of 2017. Redevelopment of this TMA is replacing acres of asphalt parking lot that was formerly part of an industrial site.
9	<p>All low trash generation residential area, mostly single family homes which benefit from jurisdiction wide trash reduction measures.</p>

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART B)

Provide the following:

- 1) A summary of the on-land visual assessments in each TMA (or control measure area), including the street miles or acres available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles assessed, the % of available street miles or acres assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 15-16 attributable to trash management actions other than full capture systems implemented in each TMA.

TMA ID or (as applicable) Control Measure Area	Total Street Miles Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles Assessed	% of Applicable Street Miles Assessed	Avg. # of Assessments Conducted at Each Site	
0	0	0	0%	0	0%
1	1.58	0.89	56.2%	5	16.2%
2	0.58	0	0%	0	0%
3	0.69	0	0%	0	0%
4	4.52	0.98	21.7%	4	11.3%
5	1.52	0.62	40.7%	4	3.9%
6*	NA*	NA*	NA*	NA*	NA*
7	3.70	1.2	32.4%	3.8	6.5%
8	2.00	0.51	25.5%	4	10.9%
9**	0.10	0	0%	0	0%
Total		4.2	-	-	48.8%

*TMA 6 is entirely non-jurisdictional (i.e., K-12 public schools, colleges or universities) and will omitted from future tables.

** TMA 9 is the City's residential (single family home) green or low trash generating area.

C.10.b.iv ► Trash Reduction – Source Controls					
Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and provide the associated reduction of trash within your jurisdictional area. Also include the total % reduction credit for all source controls up to the maximum 10% allowed by MRP 2.0.					
Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction	Total Reduction Credit (%)
Single Use Bag Ordinance	City of Cupertino banned free distribution of plastic shopping bags (Oct 1, 2013). The ordinance is enforced through IND inspections, reports from the public and reports from agency staff. (www.cupertino.org Municipal Code 9.17)	The City participated in a countywide study in FY 15-16 to characterize trash in full capture systems. The study conducted by SCVURPPP was intended to assist Santa Clara Valley Permittees in determining the current levels of litter-prone items (i.e., single-use bags and EPS food service ware) in stormwater and evaluate whether these levels have changed since ordinances prohibiting the distribution of these items were put into effect. For additional details on the study design and methods, see the <i>SCVURPPP FY 15-16 Annual Report – Section 10 Trash Controls</i> .	<p>According to the BASMAA "San Francisco Bay Area Stormwater Trash Generation Rates" report finalized on June 20, 2014, single use carry out bags contribute about 8% of the total litter loading to local receiving waters by municipal stormwater.</p> <p>Results from the SCVURPPP Study, which characterized of trash in full trash capture systems pre- and post-ordinance in the Santa Clara Valley, indicate that 72% fewer single-use bags are observed in stormwater since ordinances have gone into effect. For additional details on results of the study, see the <i>SCVURPPP FY 15-16 Annual Report – Section 10 Trash Controls</i>.</p> <p>Based on the results of the SCVURPPP study, the City estimates an approximate 72% reduction in the number of single-use bags in stormwater, which equates to a 5.8% (i.e., 72% x 8%) reduction of trash discharged from the City's stormwater conveyance system.</p>	5.8%	10.0% (Maximum)

C.10.b.iv ► Trash Reduction – Source Controls					
Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and provide the associated reduction of trash within your jurisdictional area. Also include the total % reduction credit for all source controls up to the maximum 10% allowed by MRP 2.0.					
Expanded Polystyrene Food Service Ware Ordinance	City of Cupertino banned commercial use and distribution of Styrofoam™ food and beverage ware (July 1, 2014). (www.cupertino.org Municipal Code 9.15)	The City participated in a countywide study in FY 15-16 to characterize trash in full capture systems. The study conducted by SCVURPPP was intended to assist Santa Clara Valley Permittees in determining the current levels of litter-prone items (i.e., single-use bags and EPS food service ware) in stormwater and evaluate whether these levels have changed since ordinances prohibiting the distribution of these items were put into effect. For additional details on the study design and methods, see the <i>SCVURPPP FY 15-16 Annual Report – Section 10 Trash Controls</i> .	<p>According to the BASMAA "San Francisco Bay Area Stormwater Trash Generation Rates" report finalized on June 20, 2014, single use carry out bags contribute about 6% of the total litter loading to local receiving waters by municipal stormwater.</p> <p>Results from the SCVURPPP Study, which characterized of trash in full trash capture systems pre- and post-ordinance in the Santa Clara Valley, indicate that 74% less expanded polystyrene food service ware is observed in stormwater since ordinances have gone into effect. For additional details on results of the study, see the <i>SCVURPPP FY 15-16 Annual Report – Section 10 Trash Controls</i>.</p> <p>Based on the results of the SCVURPPP study, the City estimates an approximate 74% reduction in the volume of polystyrene food service ware in stormwater, which equates to a 5.9% (i.e., 74% x 8%) reduction of trash discharged from the City's stormwater conveyance system.</p>	5.9%	

C.10.c ► Trash Hot Spot Cleanups

Provide the FY 15-16 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 15-16.

Trash Hot Spot	New Site in FY 15-16 (Y/N)	FY 15-16 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
CUO01	N	5/23/16	0.6	0.2	0.1	0.1	0.3
CUO02	N	7/21/2015	0.8	1.0	0.1	0.3	0.1

C.10.d ▶ 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. Indicate whether your trash generation map was revised and is attached to your Annual Report.	
Description of Significant Revision	Associated TMA
In FY 15-16, consistent with all MRP Permittees, all public K-12 schools, college and university parcels were made non-jurisdictional on the City's baseline trash generation maps. Under California Government Code Sections 4450 through 4461, the construction, modification, or alternation of facilities and/or structures on these parcels are under the jurisdiction of the California Division of State Architect and not the City. The public right-of-way (e.g., streets and sidewalks) surrounding these parcels remain as jurisdictional on the City's baseline trash generation maps. Revised maps that incorporate these revisions are included as Appendix 10-2 at the end of this section (C.10). In Cupertino, all schools and churches were assigned to TMA 7.	7
Partial-capture devices that were scheduled to be installed on Wolfe Rd south of Homestead Rd in FY 14-15 were put on hold until the redevelopment of two large projects is completed on the east and west sides of Wolfe Rd. Both projects are required by Cupertino municipal code to install full capture devices on drain inlets that connect to the City's storm drain system (CMC 9.18.115). Construction should be complete in calendar year 2017.	1
Twenty-seven (27) full capture devices were installed in TMA 2 in FY 13-14 along Stevens Creek Blvd. and at the front of De Anza College. The City's plan specifies partial capture devices (curb inlet screens) for this TMA in FY14-15. City staff decided to treat this high litter area with full capture devices rather than partial capture devices with additional street sweeping.	2
25 retractable curb screens were planned to be installed on Homestead Road in FY 15-16. Instead of installing partial capture curb screens which don't translate to litter reduction credit, the City held off on making the purchase and is considering installing full capture devices on Homestead Rd instead in front of its 4 high litter generating (red) areas in TMA 3. Exceeding the litter target for FY 15-16 allowed the city an opportunity to reconsider its purchases of lesser measures like curb screens and think about installing full capture devices instead. Two (2) full-capture devices that were originally planned to be installed in FY 16-17, were installed in FY 13-14 at the freeway access points east of Freeway 85 on Stevens Creek Boulevard.	3
Twenty-two (22) unplanned full capture devices were installed in TMA 4 along Stevens Creek Blvd in FY 13-14. Two (2) full-capture devices scheduled to be installed south of Freeway 280 on De Anza Blvd. in FY 14-15 were installed in October 2015. Two (2) full-capture devices planned for installation on Bollinger Road and Blaney Avenue will be installed in a high trash generation area instead of at this medium to low trash generating area. The retail area on Bollinger Road went through tenant changes and improvements and is no longer a problem trash generating area.	4
Two (2) full-capture devices that were originally planned to be installed in FY 16-17 and one additional full capture device were installed in FY 13-14 at the freeway access points west of Freeway 85 on Stevens Creek Boulevard.	5

<p>TMA 6 is all non-jurisdictional community college property. The City had planned to purchase solar trash compactors for the perimeter of De Anza community college campus. The City discovered that Big Belly Solar no longer sells compactors. Instead the solar compactors are leased to customers. Two sets of garbage-recycling duo sets were purchased for McClellan Rd at the back of the campus. Students from Monte Vista High facilitated the placement of one set on the high school campus to be maintained by the school district and another set was placed on McClellan Rd near De Anza College and a nearby 7-Eleven store. City maintenance crews service the set of bins that are in the public right-of-way. City Environmental staff will continue to partner with De Anza Environmental staff to engage students in litter reduction projects, watershed stewardship and creek cleanups. Three creek cleanup events at Stevens Creek were conducted with De Anza classes in FY 15-16. In FY 13-14, full capture devices were installed at all inlets on Stevens Creek Blvd. in front of the college campus.</p>	<p>6</p>
--	----------

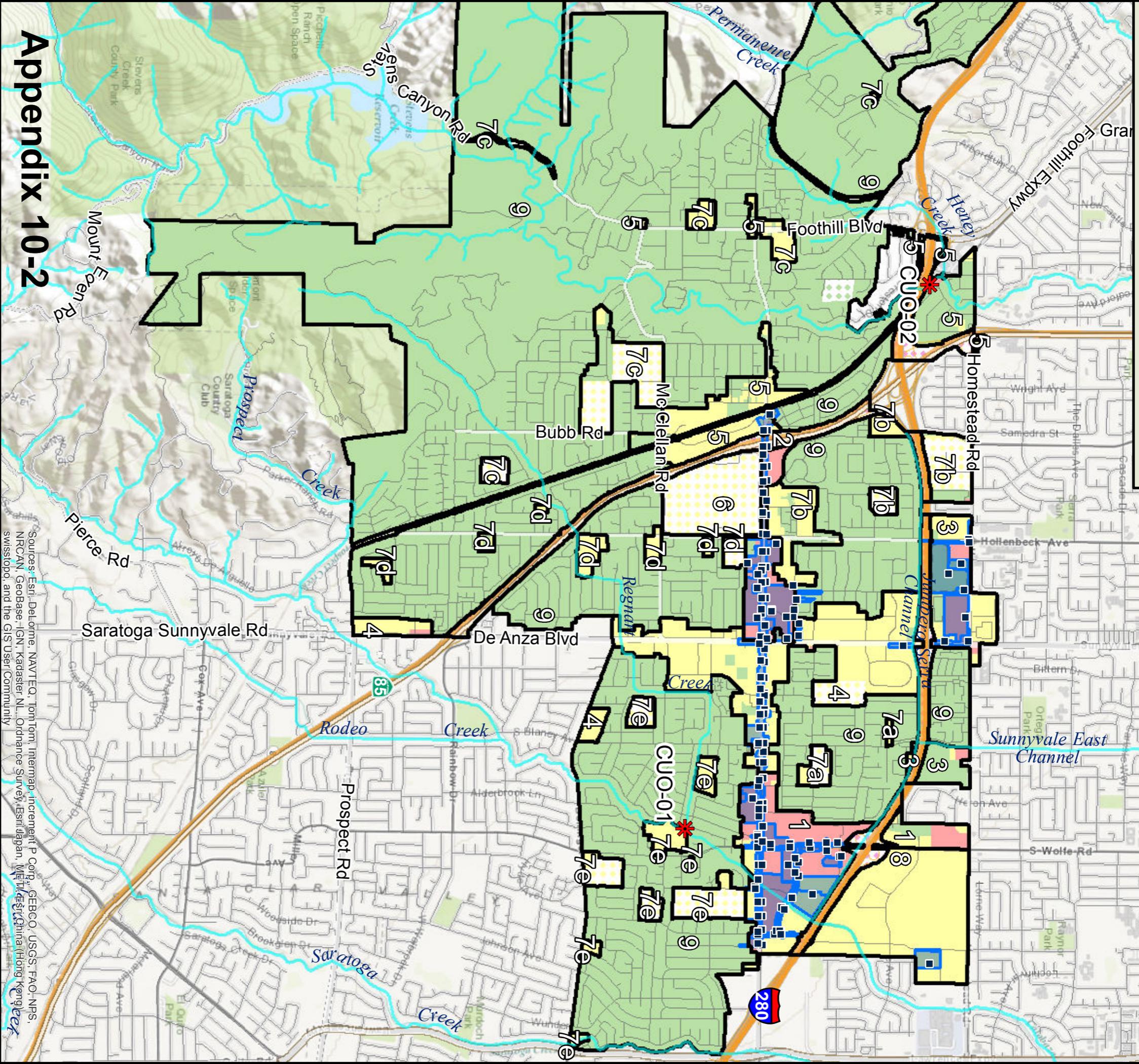
C.10.e. ► Trash Reduction Offsets (Optional)			
Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 15-16. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.			
Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 15-16	Offset (Jurisdiction-wide Reduction %)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	<p>Cupertino has two trash hot spots. At its second hot spot on Stevens Creek near Heney Creek confluence there is a tunnel under freeway I-280 which is frequented by graffiti artists who leave behind 20-30 empty spray paint cans per month along with rubber gloves and other litter. City staff have cleaned this hot spot monthly since January 2014 and have engaged nearby schools, the Santa Clara Valley Water District and the Sheriff in finding a solution. Quarterly an Environmental Studies professor and his class from De Anza College help with the cleanup as their fieldwork for environmental stewardship. Collected trash is taken back to City Hall and sorted before being measured and disposed.</p> <p>In FY 14-15 an encroachment permit from the Water District was obtained by the City to put up no trespassing signage with a reference to the City's litter prevention and enforcement code at the locked entry points to the creek and at the north entrance to the graffiti tunnel. At the suggestion of De Anza students, a concrete garbage bin was chained to a wall near the tunnel. City staff checked and emptied the bin monthly, but found that it wasn't used much. Through an informal agreement with the Sheriff, weekly patrols were planned and officers offered to share observations and enforcement (if any) with city staff.</p> <p>The Sheriff patrols ceased after a couple of months without observed activity and by late spring the garbage bin was found in the creek. Staff removed the bin from the site. The area does show improvement and a reduction in new litter as a result of monthly cleanups, most notably the steady decrease in Styrofoam™ pieces found on the banks of the creek. Since the litter is not coming from the MS4 there does not seem to be a more effective way to address the problem, other than to continue monthly cleaning.</p>	<p>4.6 CY (927 gallons)</p>	<p>2.0 %</p>
Direct Trash Discharge Controls (Max 15% Offset)	Not Applicable.		

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 15-16.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems and Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture AND Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
0	0	0	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0%	0%
1	15	66	155	0	236	108	43	85	0	236	14.9%	183	53	0	0	236	16.2%	31.1%
2	3	0	81	0	84	41	0	43	0	84	7.5%	41	0	43	0	84	0%	7.5%
3	56	45	32	0	133	73	45	16	0	133	3.1%	73	45	16	0	133	0%	3.1%
4	9	322	3	0	334	30	302	3	0	334	1.0%	251	83	0	0	334	11.3%	12.2%
5	78	92	3	0	173	81	90	2	0	173	0.2%	155	18	0	0	173	3.9%	4.2%
7	48	186	0	0	234	48	186	0	0	234	0%	179	55	0	0	234	6.5%	6.5%
8	3	228	0	0	231	10	221	0	0	231	0.4%	231	0	0	0	231	10.9%	11.2%
9	5225	0	0	0	5225	5225	0	0	0	5225	0%	5225	0	0	0	5225	0%	0%
Totals	5439	939	274	0	6651	5617	885	150	0	6651	27.1%	6338	254	59	0	6651	48.8%	75.8%

Appendix 10-2

Revised Baseline Trash Generation Map and Areas Currently Addressed by Full Capture Systems



Appendix 10-2

Legend

Trash Generation Category

- LOW
- Moderate
- High
- Very High

Trash Management Area

- Full Trash Capture
- Trash Management Area
- Non-Jurisdictional (Dot color = Generation Category)

Other Features

- Full-Capture Location
- Creek/Shoreline Hotspot
- Streets
- Freeway
- Creeks
- Parcel Boundary

Scale

0 0.25 0.5 1 Miles

North Arrow

Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

- C.11.a ▶ Implement Control Measures to Achieve Mercury Load Reductions**
- C.11.b ▶ Assess Mercury Load Reductions from Stormwater**
- C.11.c ▶ Plan and Implement Green Infrastructure to Reduce Mercury Loads**
- C.11.d ▶ Prepare Implementation Plan and Schedule to Achieve TMDL Allocations**
- C.11.e ▶ Implement a Risk Reduction Program**

Summary:

A summary of SCVURPPP and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of SCVURPPP's FY 15-16 Annual Report and/or BASMAA regional reports

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 and conducts local implementation of the Mercury Pollution Prevention Plan including public education at three community events per year. Topics include negative health and environmental impacts of mercury, and methods and programs for the proper disposal of products containing mercury. Cupertino has been implementing a City policy requiring the elimination of mercury from controllable sources since March 2004. City maintenance staff are only using low or no mercury bulbs. No mercury switches or relays are being used. City maintenance staff have followed a specific protocol for disposal of fluorescent tubes which 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 inquiries and a copy is kept in the Municipal Service Center administrative office. A binder-sized copy was provided to include in the Municipal Service Center (Corporation Yard) SWPPP.

The City's waste and recycling collection agreement provides for door-to-door collection of household hazardous waste (HHW) for all Cupertino households (including multi-family units). The door-to-door service has provided residents an additional opportunity for mercury containing product disposal. The City is required to be permitted by the Santa Clara County Certified Unified Program Agency (CUPA) to implement this program. During FY 2015-2016, a total of 8 pounds of mercury devices, 1,327 pounds of florescent tubes, and 8,650 pounds of batteries were collected through this popular program. The cost of this HHW program is paid for by residents through their quarterly waste and recycling bill. In FY 15-16, single-family homeowners paid a fee of \$0.51 cents per month and apartment owners paid \$0.39 per month for this service. Since the City's HHW program is a door-to-door, vehicle based collection, the quantity of materials that can be collected is limited. The City has negotiated with the service provider, Waste Management Inc., to collect multiple bags of materials to accommodate specific needs and to have unlimited weekly collection until all material is taken. There are however, times when certain types of HHW materials cannot be collected, such as unknown or unlabeled chemicals or other materials such as liquid mercury. To ensure residents have an available means to properly dispose of this material, the City provides supplemental funding to Santa Clara County's Household Hazardous Waste Program to ensure that Cupertino residents have appropriate and regular access to drop-off services for liquid mercury or difficult to manage HHW products. Participation in this program also provides a convenient option for residents who are moving and do not have time to schedule an at-home collection through the door-to-

door collection. The Countywide program allows a short-notice option for HHW disposal that may otherwise result in illegally dumped toxic waste that would pose a significant threat to stormwater runoff.

In FY 15-16, the County's HHW Program served a total of 26,336 Santa Clara County residents and collected a total of 2,434,003 pounds of hazardous waste which was managed safely and legally. In addition, the Program served 453 small business drop-off's including local governments and community donation centers such as Goodwill Industries and the Salvation Army. In addition to the County's HHW drop-off facilities, there are a total of 32 mercury product retail take-back businesses that offer free collection of fluorescent lamps and 50 retail take-back businesses serve as battery drop-offs, Countywide.

Mercury containing products collected through the County's HHW collection program in FY 15-16:

- Total fluorescent lamps collected—131,116 pounds
- Total household batteries collected—182,028 pounds
- Elemental Mercury—375 pounds (includes thermostats, thermometers and other products)

In addition to the City's door-to-door HHW collection program and the City-County HHW partnership, Recology, the City's franchised waste hauler offers residents the option to dispose of mercury containing products curbside. Cupertino residents are encouraged to place household batteries and CFLs in a clear, sealed plastic bag on top of their recycling containers for pickup on their regularly scheduled waste and recycling collection day. The City and Recology host three free HHW drop-off events annually to encourage residents to safely recycle used fluorescent bulbs, U-Waste and E-Waste. Three such events were held on 7/15/15, 1/16/16, and 4/16/16. Mercury containing products collected at these events include:

- Total fluorescent lamps collected – 898 pounds
- Total household batteries collected – 1,663 pounds
- Total E-Waste collected – 14.14 tons
- Elemental Mercury - un-documented amount (included thermostats, thermometers and other products)

The City provides battery collection stations in two convenient locations for staff at City Hall. The County HHW program asked municipal staff to encourage their franchised haulers to coordinate with the County on recovery of batteries that are collected curbside. This was done through an HHW grant from manufacturers to pay for battery recovery (only one of six offered nationwide). This is an important step in supporting Extended Producer Responsibility (EPR). Per Cupertino's Franchise Agreement, its franchised waste hauler, Recology, supports EPR and writes support letters in favor of advancing EPR legislation. EPR continues to grow swiftly thanks to our Countywide program.

Public awareness promotes responsible disposal and recycling of mercury containing products. Please see the City's Public Information (C7) annual report (Section 7-1) for additional environmental public education conducted by the City during FY 15-16.

Summary of HHW Materials Collected in Cupertino FY 2015-2016

Type of Material	Material Recycled via City's Residential Collection Programs: WM At Your Door, weekly curbside collection & HHW Drop-off Events in pounds
Fluorescent Tubes	1,326.75
Compact Fluorescent Bulbs	634
Batteries (Batteries dry containing Potassium Hydroxide)	5,305
Batteries (Batteries , Wt filled with acid or Alkali 8)	3,345
Mercury Devices	8

Type of Material	Material Collected by the City Service Center
Fluorescent Tubes (each)	1,453
Fluorescent U-Bend Tubes (each)	136
Compact Fluorescent (each)	635
HID (High Intensity Discharge bulbs) (each)	421
Alkaline Batteries (lbs.)	540
Lithium Batteries (lbs.)	25

Section 12 - Provision C.12 PCBs Controls

- C.12.a ► Implement Control Measures to Achieve PCBs Load Reductions**
- C.12.b ► Assess PCBs Load Reductions from Stormwater**
- C.12.c ► Plan and Implement Green Infrastructure to Reduce PCBs Loads**
- C.12.d ► Prepare Implementation Plan and Schedule to Achieve TMDL Allocations**
- C.12.e ► Evaluate PCBs Presence in Caulks/Sealants Used in Storm Drain or Roadway Infrastructure in Public Rights-of-Way**
- C.12.f ► Manage PCB-Containing Materials and Wastes During Building Demolition Activities So That PCBs Do Not Enter Municipal Storm Drains**
- C.12.g ► Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins**
- C.12.h ► Implement a Risk Reduction Program**

Summary:

As part of on-going dialogue and training with the Building Inspectors, the Program Manager and Program Specialist periodically meet with the Building Inspection team to engage them on the importance of being vigilant for sediment tracking and discharges from commercial sites during construction and during scheduled site inspections for miscellaneous building permit inspections. The City is an active participant in the SCVURPPP POC Ad Hoc Task group. Information learned from this working group is conveyed to the building inspectors concerning recognition of PCB and Mercury containing products and equipment such as caulking, old electrical equipment, and automotive repair facilities that may be tracked via sediment to the storm drain system. Inspectors are trained to report any conditions threatening stormwater quality, including sediment tracking to the IDDE inspector for follow up.

A summary of Permittee, SCVURPPP, and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of the Program's FY 15-16 Annual Report and/or BASMAA regional reports.

Section 13 - Provision C.13 Copper Controls

C.13.a.iii ► Manage Waste Generated from Cleaning and Treating of Copper Architectural Features

(For FY 15-16 Annual Report only) Do you have adequate legal authority to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs?

X	Yes	<input type="checkbox"/>	No
---	-----	--------------------------	----

(For FY 15-16 Annual Report only) Provide a summary of how copper architectural features are addressed through the issuance of building permits.

Summary:

The Cupertino Municipal Code expressly prohibits the use of copper roofing materials, including copper-granulated shingles, gutters and downspouts. Included in this prohibition is the use of ornamental architectural features which may be included with large scale commercial projects. The Program Manager and Program Specialist periodically meet with the Building, Planning, and Civil Engineering Divisions to give updates and answer questions about copper and other stormwater pollution related items they may encounter during their plan review and/or discussions with project applicants.

In FY 15-16, the Environmental Programs Division implemented a “Conditions of Approval” checklist which is included with the Community Development Permit Application. The checklist requires an acknowledgement signature of both the applicant and property owner. The Development Permit Application is required for all permits and was identified as an ideal point of distribution to provide stormwater pollution requirements and guidelines to project applicants as early as possible in their project timeline. One item featured on this checklist is the copper use prohibition.

The Program Manager and Program Specialist participate in the review of large commercial projects and food establishments. In FY 15-16, a total of 35 projects were reviewed. In one application, ornamental copper banding was proposed in a hardscaped, outdoor seating area of a restaurant. Environmental Programs staff noted this during the review and denied approval until the copper was replaced with other suitable material. The added review of projects plans by the Environmental Programs Division is an important step in the overall development review process for identification of potential stormwater pollution elements that may be included in a development proposal.

(FY 15-16 Annual Report and each Annual Report thereafter) Provide summaries of permitting and enforcement activities to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction.

Summary:

By ordinance, copper roofing related materials and ornamental copper is not permitted. In instances where prohibited copper was installed prior to municipal code or MRP regulation, the City will work with the property owner to remove or replace the copper with an alternative material. In the rare instance that cannot be accomplished, the City will require the copper be properly coated and sealed to ensure the copper is appropriately weatherized to prohibit discharging during rain events.

--

C.13.b.iii ► Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals

<p><i>(For FY 15-16 Annual Report only)</i> Do you have adequate legal authority to prohibit the discharge to storm drains of water containing copper-based chemicals from pools, spas, and fountains?</p>	X	Yes		No
--	---	-----	--	----

(For FY 15-16 Annual Report only) Provide a summary of how copper-containing discharges from pools, spas, and fountains are addressed to accomplish the prohibition of the discharge.

Summary:

Pool, spa, and fountain discharge outreach materials are provided to the community through our partnership in the SCVURPPP My Watershed Watch program and by City staff at various community events. Literature and discussion is directed toward encouraging copper containing recreational water discharges to landscaped areas with sufficient capacity to absorb all released water, taking care to prevent overflow. If the property lacks landscaped areas or the landscaping is of insufficient size, residents are instructed to contact the Cupertino Sanitary District to obtain permission to discharge the water to the sanitary line clean out.

(FY 15-16 Annual Report and each Annual Report thereafter) Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.

Summary:

Copper containing discharges from pools, spas, and fountains are enforced consistent with the enforcement escalation provisions of the IND/IDDE Enforcement Response Plan.

In FY 15-16, there were three incidents resulting from discharges of pool and fountain water which were identified through the IDDE program. In two of those incidents, the contractors responsible for the discharges were issued Administrative Citations resulting in a fine and provided with BMPs. The third incident was a neglected and untreated "green water" swimming pool that was being drained of residual rainwater into landscaping which overflowed into the gutter and storm drain. This incident resulted in a NOV as there was clear intent of the homeowner to use BMPs and the water was not recently treated or filled with chlorinated drinking water. A written notice and education was provided as an alternative and was appropriate for the situation.

C.13.c.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:

Currently, the City of Cupertino does not have industries such as electroplating, semiconductor manufacturing, or metal finishing which all possess the potential for copper related discharges through their operations. There are however, other sources such as automotive repair or horticultural nursery facilities that conduct repairs or sell products that are potential sources of copper pollution. In FY 15-16, 14 of these facilities were inspected and there were no threatened or actual discharges identified. In addition to inspecting these types of facilities, all businesses when inspected through the IND program, have roof downspout discharge areas inspected for any copper depositions that would indicate rain, dense water vapor (fog) or HVAC condensate are discharging copper leachate from roof top equipment. Of all facilities inspected through the IND/IDDE program in FY15-16, there were no copper discharges identified from roof top equipment.

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

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:

Promotion of conservation programs

The City partners with Grassroots Ecology and the City's Naturalist to promote several volunteer based conservation programs such as the Habitat Restoration Project, Garden and Pesticide Alternatives, Helping Hands Cleanup, and more. Volunteers spend their time at Blackberry Farm and McClellan Ranch Preserve in Cupertino pulling out invasive plants and re-planting native plants during the winter season. Volunteers also add mulch to the landscape to prevent pests and weeds. Native plant seeds are collected during these events to use later. The goal of these projects is to improve the habitats for local wildlife and conserve native vegetation. These events are promoted online at grassrootsecology.org/volunteer.

Promotion of outreach for less toxic pest control and landscape management

Cupertino is one of many Santa Clara County jurisdictions that participates and promotes the My Watershed Watch educational campaign. The purpose of My Watershed Watch is to create public awareness on water pollution prevention by informing the public how simple everyday activities can lead to water pollution and what can be done to prevent it. Cupertino promotes many of My Watershed Watch outreach materials such as *Less-Toxic Pest Control for Multi-Unit Properties*, *Trash Resources & Pathways to Urban Creeks*, *10 Most Wanted Bugs* and many other less-toxic pest control related materials during events and in displays at the Senior Center, City Hall, and Quinlan Community Center.

Each year at the City's annual IPM meeting, the City Arborist, the Public Works Grounds Supervisor, and the City's facilities pest control contractor and golf course pest control superintendent sign and agree to follow the City's Integrated Pest Management Policy. This commitment to use natural pest control methods, least-toxic chemicals for pest control, and to avoid pesticides that are not on the San Francisco Reduced Risk Pesticide list serves as the basis of the City's IPM policy. City Public Works staff and the two contractors also participate in several pest control trainings held by the County, the City, and other organizations.

From the months of March through the October the City gives free compost to residents on Friday and Saturday mornings. Cupertino residents can stop by and collect high quality compost for their gardens. Compost helps reduce the amount of chemical pesticides needed for residential landscaping. Residents also have the opportunity to attend free home composting workshops. After attending a workshop residents may receive a free home composting bin to create their own compost blend.

Promotion of drought tolerant and native vegetation

Cupertino encourages its residents to plant drought tolerant vegetation by promoting the Santa Clara Valley Water District's (SCVWD) Rebate Program on the City website and at local events. In addition to the Water District rebate, Cupertino residents are eligible for a \$1.00 per square foot rebate from the City by replacing their lawn with approved drought tolerant plants listed in SCVWD's Plant List.

Promotion of outreach messages to encourage appropriate watering/irrigation practices

The City does not permit landscape irrigation runoff. One particular piece of outreach used by City staff for information on best practices for water quality is *Bay-Friendly Landscape Guidelines*. This publication is also distributed to local businesses that may have over-watered their landscaping. Outreach materials for residents are distributed at local events, on display in City Hall, and located online at Cupertino.org/drought.

Implementation of Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff

The City does not permit any non-stormwater discharges to enter the storm drain system, including large volume landscape irrigation runoff. Cupertino Municipal Code Section 9.18.210.4 (B) and (C) regulates landscape irrigation runoff and is enforced through the City's IDDE program (see Section C.5 of this Annual Report for the violations reported in FY 15-16). Discharging high volume landscape irrigation runoff is a violation for the water discharge, but also causes scouring and discharges sediment that transports nutrients and other POCs found in roadways and hardscaped areas to the storm drain system. IDDE inspectors pursue the resolution of discharges with property owners/property managers in both residential and commercial settings consistent with the IND/IDDE Enforcement Response Plan. Discharges and follow-up are tracked in the IDDE database. In addition to the discharge enforcement for irrigation runoff, property owners/managers are educated on water conservation best practices.

The City partners with the Santa Clara County Fire Department during planned fire sprinkler flow testing for new construction and annual fire sprinkler tests where large volume water discharges are required to meet Fire and Building Code requirements. The City requires fire protection testing contractors to complete a report to the City in advance of the discharge to ensure BMPs are implemented and the water from the flow test is either captured or directed to landscaping. Under no circumstances are contractors permitted to discharge water to the storm drain or any hardscape surfaces. The City's IDDE inspector is present with the Fire Marshal during the test to verify BMPs and ensure that water capture or landscape diversion is performed. This approach provides an opportunity for the IDDE inspector to educate the fire protection contractor industry about discharge prohibitions region wide and capturing this water for higher uses, such as construction site dust control.

The City continues to provide the brochure "Clean Cars and Clean Streets" at various outreach events and incorporates vehicle washing BMPs in the Enviroscape presentations for children at students at public fairs and events. The brochure recommends car washing at a commercial car wash and provides pollution prevention practices for car washing at home. The City provides a car wash kit for school car wash fundraisers, which basically plugs the receiving inlets and pumps water to landscaping. The Watershed Watch campaign has partnered again this year with commercial car wash chains in Santa Clara County to offer discounted car wash packages. The City offers these discount cards at outreach events and when there is an IDDE incident involving a resident washing their vehicle and discharging wash water to the storm drain system.

For regional activities, see the C.3 New Development and Redevelopment, C.7 Public Information and Outreach, and C.9 Pesticide Toxicity Control sections of SCVURPPP's FY15-16 Annual Report.