CITY OF CUPERTINO

Urban Runoff Management Program

Stevens Creek - November 2017

Annual Report FY 2017-2018

PUBLIC WORKS DEPARTMENT

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

September 30, 2018

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 2017-2018 Annual Report**

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by 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 2017-2018; 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

In FY 17-18 the City of Cupertino demonstrated its commitment to water quality and watershed stewardship by continuing to build a safer, healthier, and more aesthetically pleasing community through programs, initiatives, and ordinances that align with MRP activities.

Green Infrastructure Planning

City staff representing capital improvements, engineering, transportation, streets and tree maintenance, and park renovation formed Cupertino's Green Stormwater Infrastructure (GSI) workgroup in FY 17-18 to look for opportunities to incorporate GSI within the City's CIP list, Parks Master Plan, Bicycle Plan, Pedestrian Plan, and maintenance projects. Twelve upcoming projects are being watched for GSI feasibility. The City of Cupertino also assisted with the development of SCVURPPP's draft region-wide stormwater resources plan (SWRP). Through this process a green street concept design was developed to renovate an inefficiently wide connector street in Cupertino that could be transformed into a multi-functional green corridor that would be responsive to surveys indicating the community's desire for more trails and access to nature.

Trash Load Reduction

In fiscal year 17-18, the City maintained a 93% trash load reduction from its base trash generation level. Especially effective has been the direct engagement with students, teachers, developers, and business owners. Inspection and outreach staff allocate significant time to contacting and ultimately supporting private property owners and tenants in implementing best management practices and stormwater control measures.

In addition to staff conducting bi-monthly creek cleanups in the tunnels under Interstate 280, at one of Cupertino's more challenged areas for litter and illegal dumping, several control measures which the City implemented after the MRP was adopted continue to prove effective. The City's 2013 litter prevention ordinance requires commercial property owners to maintain litter-free premises, including parking lots and sidewalks at the perimeter of their property. They may incur a $240 re-inspection fee for a littered property that cannot be cleaned up while the inspector is on site. The City's conditions of approval to obtain commercial building permits require property owners to permanently install and maintain outdoor public trash and recycling bins for pedestrian use. Six bin sets were installed by private property owners in two of the City's seven trash management areas this past year, thereby making it more convenient for the community to keep the City litter-free.

During the permit application process, trash full capture devices are required to be installed in all drain inlets that connect to the City's storm drain system from privately owned commercial redevelopment sites. In addition to forty (40) full capture devices that were installed on private property in FY 16-17, sixty (60) full capture devices treating 14.33 acres of medium to high trash generation areas were installed on 13 private commercial property in FY 17-18.

Enforcement

The City benefits substantially from the twenty years of code enforcement experience of its Environmental Specialist who manages the City's IDDE and IND programs. In FY 17-18, the City inspected 126 commercial business sites, an increase of 27 inspections from the previous year. Enforcement actions for potential or actual discharges were required at fewer than 10% of the sites this year, a slight improvement from FY 16-17.

To incentivize prevention of stormwater pollutant discharges and to defray the significant costs for staff inspection time, the City charges a fee of $240 per re-inspection when a property owner has been issued a previous warning for a similar violation within twelve months. Several months before the IND inspections begin, re-inspection fee letters are mailed to all property and business owners scheduled for an inspection in the upcoming year. The City requests the letters to be signed and returned acknowledging receipt. Of the 126 letters mailed out, 34 (27%) were returned in FY 17-18, a 12% increase over responses received the previous year. The City also issues administrative citations of up to $500 for repeated non-compliance and/or egregious, intentional acts. In FY 17-18, there was one administrative citation totaling $1000 issued for violations discovered during an IND inspection. Nine administrative citations totaling $8,700 were required to be issued during the previous fiscal year.

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

Very truly yours,

Cheri Donnelly

Cheri Donnelly
Environmental Programs Manager
Public Works Department
City of Cupertino

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CUPERTINO GREEN

CITY OF CUPERTINO
FY 2017-2018 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 28, 2018
Date

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Cupertino Acronyms/Abbreviations

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

SCVURPPP Acronyms/Abbreviations

AB	Assembly Bill
ABAG	Association of Bay Area Governments
ABC	Annual Budget Review Compilation
ACCWP	Alameda Countywide Clean Water Program
ACOE	U.S. Army Corps of Engineers
AHTG	Ad Hoc Task Group
AR	Annual Report
ASCE	American Society of Civil Engineers
BAAQMD	Bay Area Air Quality Management District
BART	San Francisco Bay Area Rapid Transit
BATG	Budget Ad Hoc Task Group
Basin	Santa Clara Basin
Basin Plan	Water Quality Control Plan for the San Francisco Basin
BACWA	Bay Area Clean Water Agencies
BAHM	Bay Area Hydrology Model
BAMBI	Bay Area Macroinvertebrate Bioassessment Information
BASMAA	Bay Area Stormwater Management Agencies Association
Bay	San Francisco Bay
Bay Area	San Francisco Bay Area
BMI	Benthic Macroinvertebrate
BMM	Lower South Bay Monitoring and Modeling Subgroup
BMP	Best Management Practice
BOMA	Building Owners and Managers Association
BPP	Brake Pad Partnership
BU	beneficial use
C	Celsius
C.3	Permit Provision C.3
C3PO	C.3 Provision Oversight
CA	California
Cal-EPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CAMLnet	California Aquatic Macroinvertebrate Laboratory Network
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	Enterococus 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 Practiioner
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 “I”	SCBWMI Phase I Indicators Work Group
WP	Work Plan
WRPC	Water Resources Protection Collaborative
WVC	West Valley Communities
WVCWP	West Valley Clean Water Program
WW	Watershed Watch
WWTP	Wastewater Treatment Plant
WY	Water Year
YSI	Youth Science Institute
Zn	Zinc

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Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Cupertino				
Population:	60,091				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2015-0049				
Reporting Time Period (month/year):	July 2017 through June 2018				
Name of the Responsible Authority:	Roger Lee			**Title:**	Assistant Director of Public Works
Mailing Address:	10400 Torre Ave.				
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 Ave.				
City:	Cupertino	**Zip Code:**	95014	**County:**	Santa Clara
Telephone Number:	408-777-3242		**Fax Number:**		408-777-3333
E-mail Address:	CheriD@Cupertino.org				

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Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

Staff Training

On June 19th as part of the City Service Center (corporation yard) team's monthly meeting, the Environmental Programs Manager and Environmental Programs Specialist provided a one hour Municipal Maintenance and Operations stormwater compliance training on the Municipal NPDES permit. The municipal maintenance staff in attendance included workers from all divisions: Streets, Facilities, Grounds, and Trees/Right of Ways. Topics discussed included: review of MRP requirements and the Clean Water Act, discussion of the SWPPP for the facility and its purpose, pollutants of concern, effective BMPs for municipal staff and City contractors, spill response, dry cleanup methods, appropriate material storage, maintenance of the fuel island and wash rack/pad, procedure for reporting ineffective BMPs and/or discharges (actual or threatened) when discovered in the field, housekeeping and storm drain inlet maintenance, review of the City's litter prevention ordinance, mobile surface cleaning BMPs, reporting observed potential violations to the City's IDDE Inspector for follow-up, and responsibilities/procedures for on-call "after-hours" staff.

The City's Environmental Programs Manager and Environmental Programs Assistant participated in SCVURPPP's Municipal Operations ad hoc task group and issues discussed are incorporated into this annual training.

Service Center Improvements

The reconstruction of covered storage bunkers on the northwest corner of the Service Center which had been planned for construction in early 2018 has been delayed. The City's Capital Improvement project team was unable to secure competitive bids for the project. The goal of the project is to improve the waste disposal area by providing greater roof coverage over stored waste and bulk materials and to make better use of the space. The current design had the bunkers grade sloped toward the back where weep holes will discharge any runoff from wet materials into a bio-infiltration area. As of July 2018, the project is being re-packaged and will again be put out to bid.

On May 22nd, the City hosted the annual Public Works Week celebration event open house at the Service Center. In advance of the event, the facility underwent and extensive cleaning to augment the quarterly cleanings and regular maintenance.

Refer to the C.2 Municipal Operations section of the Program's FY 17-18 Annual Report for a description of activities implemented at the countywide and/or regional level.

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:

During the annual Service Center training these BMPs are discussed. Staff is reminded to call for immediate inspection and follow-up, should they observe any inadequate BMPs, or actual or threatened discharges on any projects, including City roadway paving and sidewalk maintenance/repair that are contracted out to private firms. In FY 17-18 the City conducted a significant amount of roadway paving projects and sidewalk repairs. BMP implementation and adherence for these projects are required contractually for those private companies performing the work. These projects are overseen by two City Maintenance Supervisors who are trained in BMP implementation and management. Roadway paving projects are typically conducted June to early October to avoid the rain season. BMPs are installed by the contractors prior to street grinding and are removed at the completion of the paving.

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:

The City uses dry method cleanup whenever possible which is reiterated during the annual Service Center staff training meeting. Dry method spill kits are stationed in various locations around the Service Center, including the fueling island canopy and hazardous waste building. The Service Center utilizes a closed loop power washing rack/bay. This paved wash area periodically requires cleaning, but it is sloped and all wash water

and solids are directed to a catchment system which is cleaned regularly. The catchment system is completely separated from the storm drain system and no wash water or solids are discharged to the storm drain or MS4. During the annual training staff are encouraged to complete the online certification for the BASMAA Mobile Surface Cleaner Program.

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 and structure maintenance or graffiti removal near watercourses this FY. Graffiti removal is conducted by painting over the graffiti rather than scraping or power washing. The City retained a private painting contractor to paint a wall that parallels a walking path adjacent to Regnart Creek. The wall is 8 feet tall and approximately 75 yards in length. The work included removal of loose chipped paint, applying primer, and final painting. The contractor was required to install a significant amount of plastic sheeting to create a booth in the work area to ensure all old paint residue and spray application was contained and could be removed and disposed of properly. The City's IND/IDDE inspector conducted several site visits during the work to ensure BMPs were being maintained.

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

Does your municipality own/maintain rural[1] roads:	X	Yes		No

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

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

Y	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
Y	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
N/A	No impact to creek functions including migratory fish passage during construction of roads and culverts
Y	Inspection of rural roads for structural integrity and prevention of impact on water quality
Y	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
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
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

Comments including listing increased maintenance in priority areas:

The City does not have any unpaved rural roads. The combined length of paved rural roads in Cupertino is less than 5 miles, including Regnart Road, Lindy Lane and Stevens Canyon Road to the southern City limit.

In FY 17-18, the City did not construct any new rural roads, bridges, or culverts. In February 2017, Regnart Road sustained significant damage caused by heavy rains. A portion of the downstream edge of Regnart Road was destabilized and slid away from the road base. City Public Works staff performed emergency repair work to reestablish the road in the summer of 2017. The repair work consisted of a pier-supported concrete retaining wall and was completed in September 2017.

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

In a typical year, Inspection and maintenance of this limited amount of rural roadway is part of the City's ongoing planned and prioritized street maintenance. Minor maintenance generally consists of vegetation control, done by hand with supervising City staff trained annually on IPM and BMP practices for rural roads. The Public Works Superintendent ensures that BMPs are implemented in the City's rural areas.

In September 2017, the Environmental Programs Specialist attended a workshop entitled "Maintaining and Improving Rural Roads" which was promoted by The Program. The workshop topics consisted of: fundamentals of rural roads, stream crossings, geology and roads, improving and maintaining roads, road upgrading process and examples, and sources of assistance.

C.2.f. ►Corporation Yard BMP Implementation	
Place an **X** in the boxes below that apply to your corporations yard(s):	
	We do not have a corporation yard
	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
X	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:	
X	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
X	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
X	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
X	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
X	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

Service Center Vehicle and Equipment Closed-loop Wash Rack

The Service Center utilizes a closed loop, self-contained wash rack and pad which does not discharge to the storm or sanitary sewer systems. The wash rack and pad are used to clean mowers, vehicles, and other equipment. Solids are captured as sludge and disposed in landfill. Wash water is recycled. The BIO 25R marine grade aluminum water reclamation system receives monthly inspection and twice per year cleaning from its manufacturer. Service Center staff conduct daily inspections to ensure continued efficiency and proper capture of solids and effluent. A daily inspection checklist is included in the City's SWPPP. The nearest drain inlet to the wash rack and pad, DI#2, is protected with a Full Trash Capture device including a hydrocarbon filter (REM) that is cleaned or replaced three times per year. A permanent rubber berm is installed at the low area of the wash rack and pad.

Service Yard Pre-Rainy Season Inspection

The City's contracted street sweeper provides a monthly sweep of the Service Center. The Service Center undergoes a thorough inspection every September conducted by the Environmental Programs Manager, Environmental Specialist, Service Center Superintendent, Hazardous Materials Specialist, and the IND/IDDE Inspector. All drain inlets, service activity, vehicle and equipment parking, and storage areas are inspected to identify potential improvements and to ensure that the facility is prepared for the upcoming rainy season. Eight of the 17 drain inlets at the facility are fitted with REM Full Trash Capture devices including hydrocarbon filters which are inspected, cleaned and/or replaced three times per year. All inlets are inspected and cleaned quarterly by workers in the County's Weekend Work Program while being supervised by a Public Works Supervisor. See the results of the annual September inspection in the table below.

Staff Training

The annual stormwater training meeting for all City maintenance staff was held on June 19 at a mandatory Division meeting. See details on page 2-1

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	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date[2]	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
Municipal Service Yard MSY (Service Center)	Exterior of vehicle/equipment maintenance building	9/13/17	Area around the washing sink had an accumulation of trash and used paint rollers on the ground.	September 27th conducted re-inspection. All trash and used rollers were removed and the area was clean.

[2] Minimum inspection frequency is once a year during September.

MSY	Exterior area adjacent to the wood shop	9/13/18	Small plastic chips on the pavement	September 27th conducted re-inspection. All plastic chips were removed and the area was clean.
MSY	Roadway marking and painting area	9/13/18	Dried paint chips and a small amount of litter on the pavement and around the downspouts from the building	September 27th conducted re-inspection. All paint chips and litter were removed and the area was swept clean.
MSY	Exterior area adjacent to the wood shop (opposite side of the building from the above noted deficiency)	9/13/18	Dirt and organic debris accumulation beneath the downspouts	September 27th conducted re-inspection. All debris was removed and the area swept clean.
MSY	Drain inlet #7 (outside of the warehouse roll up door)	9/13/18	Small amount of litter accumulation	September 27th conducted re-inspection. All litter was removed.
MSY	Covered storage bunker area	9/13/18	Sediment and loose debris/litter on pavement outside of a debris box	September 27th conducted re-inspection. All sediment and litter swept clean.

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

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

Fill in attached table **C.3.b.iv.(2)** or attach your own table including the same information.
See attached **C.3.b.iv.(2)** Reporting Table.

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.?	X	**Yes**		**No**

Comments (optional): the City of Cupertino currently requires 100% LID treatment onsite for all Regulated Projects. If an appropriate opportunity for alternative compliance in Cupertino becomes available, the City will consider allowing alternative compliance. No practicable procedures for allowing alternative compliance are know at this time.

C.3.e.v ► Special Projects Reporting

1. In FY 2017-18, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?		**Yes**	X	**No**
2. In FY 2017-18, 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.		**Yes**	X	**No**

If you answered "Yes" to either question,

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 and HM Controls.

C.3.h.v.(3)(a) –(c) and (f) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

Site Inspections Data	**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 (FY16-17)	**33**
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 17-18)	**35**
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 17-18)	**20**
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 17-18)	**57%**[3]

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

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:

The City of Cupertino does not use a 3rd party for C.3 inspections. The City's Public Works Inspector visited 20 Regulated Project sites and inspected all of the treatment structures at each site. Additionally, 3 inspections of newly installed porous pavement systems were conducted in fiscal year 17-18. No problems were observed at any of the inspected sites; all installed treatment systems were operational and well maintained. With the exception of a few pieces of litter observed in media filters in previous years, there have not been any maintenance issues since 2009. Bio-swales in a grocery store parking lot in Cupertino were subjected to excessive foot traffic and heat from the asphalt lot which caused the grasses to die in 2009. The swales were revegetated and protected by a two-rail fence and have not shown any signs of problems during subsequent inspections.

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. As in previous years, the post construction stormwater BMP operation and maintenance program inspections for FY17-18, did not present any significant challenges. The combination of increased awareness, education provided by City staff, and meetings at regulated project sites, continues to strengthen the program. Property owners have accepted the responsibility of maintaining stormwater treatments and HM controls. Cupertino is fortunate, as a smaller city, to have a manageable list of these treatments and the opportunity to provide direct education and guidance to property owners and managers.

The City's Regulated Project O&M inspection program is ensured through a recorded stormwater BMP operation and maintenance agreement between the property owner and the City, and are reinforced by requirements in City Municipal Code sections 9.18.150 – 9.18.200, giving the City the legal authority to remediate any deficiencies and recover the costs from the private property owner. Operational procedures that contribute to the program's success include:

Selection of Annual O&M Inspection Sites:

- All newly installed treatment measures, HM controls, and pervious pavement systems that total at least 3,000 sf are inspected by the Public Works Inspector upon installation.
- All treatments and controls on at least 20% of the City's C.3 regulated sites are inspected annually, as allowed under C.3.h.ii. (6). In FY17-18, twenty (20) regulated project sites were inspected.

Inspection Program Responsibilities

- Public Works engineers review development plans for MRP C.3 compliance.
- The Public Works Engineering Inspector (a certified CESSWI) observes the construction of regulated project 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 his Excel regulated project reporting database.
- The Public Works Inspector field-checks construction of the on-site C.3 treatments and signs-off on the grading permits. Prior to City-approval for site occupancy, he notes when the project was completed.
- The Public Works Inspector submits a Permanent Treatment O&M Inspection summary table for the previous fiscal year to the Environmental Programs Manager by July 1st of each year.
- The Environmental Programs Manager reviews the inspection summary table and reports the required O&M inspection data in the City's Annual Report.

Pre-Inspection Preparation

- The Public Works Inspector reviews the C.3 regulated project reporting table and the 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, as well as treatment types and locations. This will 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 the property owner's O&M maintenance records.
- The Public Works Inspector is familiar with SCVURPPP fact sheets on specific treatment measures and uses them as guidance when addressing questions raised during the inspection by the site owners or operators.

Enforcement Procedures

- If any deficiency is noted, the Public Works Inspector will document it. 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 whichever occurs first.
- In the event of a deficiency, the inspector will complete a follow-up inspection, noting whether all recommended maintenance activities have been completed and if 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 documented in Municipal Code Section 9.18.190.

The Public Works Inspector will note the date that all necessary repairs have been completed in the City's C.3 O&M Excel database, including other pertinent information regarding maintenance of the site (e.g., City intervention to complete corrective work if needed).

C.3.h.v.(4)► Enforcement Response Plan

Does your agency have an Enforcement Response Plan for all O&M inspections of stormwater treatment measures?	X	Yes		No
If No, explain:				

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

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

Summary:

The City did not make any changes to its watershed protection ordinance (Chapter 9.18) in FY 17-18. BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. Cupertino's City Engineer has 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.(5)(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:

See the Program's FY 17-18 Annual Report for a summary of outreach efforts implemented by SCVURPPP permittees. Cupertino staff attended the following:

- SCVURPPP Workshop on Funding Options for Green Stormwater Infrastructure and Related Programs on February 15, 2018 attended by City of Cupertino Environmental Programs Manager and Environmental Specialist.
- SCVURPPP Workshop on Green Stormwater Infrastructure Handbook, Part 2: Details on April 10, 2018 attended by City of Cupertino Environmental Specialist and Environmental Programs Assistant.

- SCVURPPP Workshop on Green Stormwater Infrastructure Handbook, Part 2: Details on April 24, 2018 attended by City of Cupertino Environmental Programs Manager, Environmental Specialist, City Engineer, and Park Restoration and Improvement Manager.

The City of Cupertino formed a Green Stormwater Infrastructure (GSI) workgroup in FY 17-18 to periodically convene the City Engineer, CIP Manager, Transportation Manager, City's arborist (Street Trees and Medians Supervisor), two CIP project managers, City's Park Restoration and Improvement Manager, Environmental Programs Manager, Environmental Specialist, and Environmental Programs Coordinator. The group met 2 times to discuss potential GSI projects, the City's GSI Plan which will be considered for approval by City Council in spring 2019, and the Santa Clara Basin Stormwater Resources Plan. Meetings took place on:

August 17, 2017– Reviewed 5 year CIP plan for potential implementation of GSI.

November 2, 2017 – Discussed development of GSI plan and identified additional long range future unfunded GSI projects to include in the Santa Clara Basin SWRP.

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.

Annually, once the new CIP work plan is approved, all CIP projects are reviewed by the GSI workgroup to ensure that no opportunities are missed. (GSI work group is described in GI outreach section above). All potential, planned and completed GSI projects are entered into the early implementation tables in this section of the City's annual report.

Summary of Planning or Implementation Status of Identified Projects:

See attached C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure and C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects.

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.
Please refer to the Santa Clara Valley Program's FY 17-18 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 Santa Clara Valley Program's FY 17-18 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

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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[4], Street Address	Name of Developer	Project Phase No.[5]	Project Type & Description[6]	Project Watershed[7]	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft^2)[8]	Total Replaced Impervious Surface Area (ft^2)[9]	Total Pre-Project Impervious Surface Area[10] (ft^2)	Total Post-Project Impervious Surface Area[11] (ft^2)
Private Projects											
The Veranda	19160 Stevens Creek Blvd.	Stevens Creek, LP	1	New 19 Unit Senior Apartment Building	San Tomas Aquino Watershed	0.55	0.55	17,741	474	17,741	18,215
Cupertino Village (Phase 3)	10869 N. Wolfe Road Cupertino, CA 95014 (at Homestead Rd)	Kimco Realty Cupertino Village LP	3	Redevelopment Site Improvements	Calabazas Watershed	12.5	0.85	0	16,289	479,810	474,322
Public Projects											
No regulated public projects approved this fiscal year											
Comments:											

[4]Include cross streets
[5]If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".
[6]Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.
[7]State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.
[8]All impervious surfaces added to any area of the site that was previously existing pervious surface.
[9]All impervious surfaces added to any area of the site that was previously existing impervious surface.
[10]For redevelopment projects, state the pre-project impervious surface area.
[11]For redevelopment projects, state the post-project impervious surface area.

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[12]	Application Final Approval Date[13]	Source Control Measures[14]	Site Design Measures[15]	Treatment Systems Approved[16]	Type of Operation & Maintenance Responsibility Mechanism[17]	Hydraulic Sizing Criteria[18]	Alternative Compliance Measures[19/20]	Alternative Certification[21]	HM Controls[22/23]
Private Projects										
The Veranda	Application Deemed Complete: 4/27/17	Approval:5/23/17 Building Permit Issuance: 4/5/18	Properly designed, roofed trash storage areas; storm drain stenciling, and rash full capture devices in both parking lot and bioretention areas	Self-Retaining Areas, Disconnected downspouts	Bioretention facility	O&M Agreement with private landowner	2c (Flow – Uniform Intensity Method)	N/A	Third Party review and Certification (HMH)	Project does not create > 1 Acre of impervious area.
Cupertino Village (Phase 3)	Application Deemed Complete: 7/30/13	Approval: 8/8/13 Building Permit Issuance: 9/26/17	Pavement Sweeping, Catch Basin Cleaning, storm drain stenciling, full trash capture in both parking lot and bioretention areas, good housekeeping,	Minimize land disturbed, Minimize impervious surfaces	Bioretention facility Silva Cell	O&M Agreement with private landowner	2c (Flow – Uniform Intensity Method) for Bioretention Facility	N/A	Third Party review and Certification (Wreco)	Project does not create an increase in total impervious surface from the pre-project condition.

[12]For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.
[13]For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.
[14]List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
[15]List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.
[16]List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).
[17]List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc…) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.
[18]See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).
[19]For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.
[20]For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.
[21]Note whether a third party was used to certify the project design complies with Provision C.3.d.
[22]If HM control is not required, state why not.
[23]If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention 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[12]	Application Final Approval Date[13]	Source Control Measures[14]	Site Design Measures[15]	Treatment Systems Approved[16]	Type of Operation & Maintenance Responsibility Mechanism[17]	Hydraulic Sizing Criteria[18]	Alternative Compliance Measures[19/20]	Alternative Certification[21]	HM Controls[22/23]
			Efficient landscape irrigation system.				1b (Volume Based) for Silva Cells			

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

Project Name Project No.	Approval Date[24]	Date Construction Scheduled to Begin	Source Control Measures[25]	Site Design Measures[26]	Treatment Systems Approved[27]	Operation & Maintenance Responsibility Mechanism[28]	Hydraulic Sizing Criteria[29]	Alternative Compliance Measures[30/31]	Alternative Certification[32]	HM Controls[33/34]
Public Projects										
No regulated public projects were approved this fiscal year										
Comments:										

[24]For public projects, enter the plans and specifications approval date.
[25]List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
[26]List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.
[27]List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).
[28]List the legal mechanism(s) (e.g., maintenance plan for 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.
[29]See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).
[30]For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.
[31]For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.
[32]Note whether a third party was used to certify the project design complies with Provision C.3.d.
[33]If HM control is not required, state why not.
[34]If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).

C.3.h.v.(2). ►Table of Newly Installed[35] Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

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

Name of Facility	Address of Facility	Party Responsible[36] For Maintenance	Type of Treatment/HM Control(s)
Cupertino Live + Work – APN 342-32-070	10121 N. Foothill Blvd., Cupertino - S/W corner of 10121 N. Foothill Blvd and Silver Oak Pkwy (5 lots, 1 per lot+flow through planter)	Ronald Tate (Owner Foothill Auto Svc & Detail, Inc.)	Turf Block Parking
Cupertino Live + Work	10121 N Foothill Blvd.	Ronald Tate (Owner Foothill Auto Svc & Detail, Inc.)	Permeable Concrete Pavers
Cherryland – APN 359-20-031	20840, 20846, and 20852 McClellan Rd. Cupertino 95014	SueJane Han (Owner)	Permeable Concrete Pavers

[35] "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.
[36] 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

Project Name and Location[37]	Project Description	Status[38]	GI Included?[39]	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement[40]
Jollyman Park pathway installation. 1000 S Stelling Rd, Cupertino 95014	Pathway installation	Put on hold pending approval of Citywide Parks Master Plan.	TBD	Pathway will drain to vegetated area for infiltration. This project will be removed because it does not meet the definition of GSI.
Homestead Rd stormdrain improvement. Between Bluejay Dr. and Blaney Ave.	Improve stormdrain system to prevent flooding	Planning to start in FY 18-19. Waiting for approval of Storm Drain Master Plan	TBD	Currently looking at widening the size of the pipe; will look into incorporating green infrastructure where feasible to help control flooding.
Union Pacific RR Trail Feasibility Study – Renamed "Historic De Anza Trail"	Feasibility study (finding not identified), proposed 5 mile trail. If it becomes a project, City will look for opportunity to include GSI	Still in feasibility study – posted www.cupertino.org/DeAnzaTrail Proposed part of the "Loop", as outlined in the City's 2016 Bicycle Transportation Plan.	TBD	Will look for opportunities to incorporate GSI facilities if the project is deemed feasible.
McClellan Road Bike Corridor (separated bike lanes 1.B. 2,3,	Design a Bike Corridor adding separated bike lanes starting at	Design phase. Inadequate ROW, except for possibly the Regnart Creek trail	TBD	Will look for opportunities, but not likely to find feasible substantial green

[37] List each public project that is going through your agency's process for identifying projects with green infrastructure potential.
[38] Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.
[39] 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.
[40] 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.

and 4) – Byrne Ave to Bubb Rd; Bubb Rd to S. Stelling Rd; De Anza Blvd/McClellan Rd Intersection	McClellan Rd to connect Monte Vista High and Cupertino High.	section which is a separate project noted in this table.		infrastructure potential; space is very restricted.
Park renovations pending the approval of the Citywide Parks Master Plan – formerly "Citywide Parks and Recreation Master Plan"	Renovation funded Memorial Park. Lawrence-Mitty Park project is listed below. Other parks were not funded pending Citywide Parks Master Plan.	Initiate design in FY18-19 to FY19-20, and construction in FY 19-20 to FY20-21	TBD	Citywide Parks Master Plan will align with the City's green infrastructure goals, planning, and policy; will look for opportunities to include green infrastructure in the renovation of the funded park projects
Sidewalk Improvements on Orange and Byrne Avenues	Design and construct sidewalks to enhance pedestrian safety. Monte Vista area was annexed to the City without sidewalks.	This was split into two projects. Orange Ave does not have adequate ROW for GSI. The cost for bulb outs on Byrne was too high to treat only 1,000 sf.	No	Not feasible for this project.
Lawrence Mitty Park on several acres of land adjacent to Saratoga Creek, near the intersection of Lawrence Expressway and Mitty,	Develop a neighborhood park on several acres of land, which is currently owned by the County and within the City of San Jose. Acquire the land, annex the land, design and construct.	No change. Discussions are still underway and will continue with property owner. Preliminary site investigation & land appraisal completed. Site survey conducted in April 2017	TBD	Pending the City acquiring the land, green infrastructure design features could be incorporated into the project.
Stevens Creek Bank Repair – south of 22100 Stevens Creek Blvd Previously a residential parcel (Blesch)	Stevens Creek bank stabilization and restoration project; a continuation of restoration project (phase 1/2 and 2)	Project on hold pending the approval of the Parks Master Plan	TBD	May not be considered green stormwater infrastructure. Concrete channel may be removed. Concept to incorporate natural, self-maintaining, creek stabilization.
Regnart Creek Trail formerly "2016 Bicycle Plan implementation"	Off-street bicycle and pedestrian facility that would run parallel to existing Regnart Creek. www.cupertino.org/bikeplan	Public engagement meetings held in FY 17-18. Conceptual design options completed for public 5/23/18. Feasibility	TBD	If the project is approved, the City will look for green infrastructure opportunities.

		Study scheduled to be considered by City Council August 2018.		
Blackberry Farm Entrance Road – 10301 Byrne Ave	Entrance road to enhance bicyclist and pedestrian access to the park	Feasibility Study	TBD	If the project advances, staff will look for green infrastructure opportunities.
Landscaping at south west corner of Vista Dr. and Lazaneo Dr.	In house project to aesthetically improve street corner. Measured from aerial, ~1800 square feet to be replaced. There is a drain inlet in the area	Pre-design phase	TBD	Staff will check feasibility. Could potentially replace impervious area with GSI facilities by removing cobbles, placing bioretention facilities, adjusting curbs, installing area drains and pipe.

C.3.j.ii.(2) ► Table B - Planned and/or Completed Green Infrastructure Projects

Project Name and Location[41]	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
McClellan West-Parking Lot Improvement located across Stevens Creek from 22221 McClellan Rd, the McClellan Ranch Preserve	Construct additional pervious parking to support programs at McClellan Ranch Preserve and the Environmental Education Center	New draft timeline: Expected to go to go out to bid in Sept/Nov 2018. Expected to be constructed in late 2018-2019.	Pervious concrete parking lot will have an underlying infiltration trench – the area that would have been meadow parking is now plantings and riparian green belt.
De Anza Median Islands De Anza Blvd between Bollinger Rd & Rodrigues Ave	Renovate ~ 1,900 linear feet of mounded compacted median islands on a main arterial road that bisects the City & connects highway 85 with Interstate 280.	Construction and landscaping began May 21, 2018, for phase 1 of a 3-phase project.	Replace mounded islands and grade medians to capture and infiltrate stormwater. Banks of trees will be preserved; soil and understory will be replaced. Medians will be mulched and new drip Irrigation systems will improve water efficiency and reduce runoff.

[41] 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.

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

Program Highlights and Evaluation
Highlight/summarize activities for reporting year:

Summary:

In FY 17-18 the City prioritized and conducted IND facility inspections at businesses identified as having the likelihood of contributing to pollution of stormwater runoff or that had recently documented violations encountered through the IDDE program. The facilities included in the IND inspection program and consistent with the Business Inspection Plan (BIP) included: high volume retail and shopping centers, restaurants, grocery stores and markets, automotive facilities and garden centers. In FY 17-18, the City inspected 126 different business, a slight increase in the number (119) inspected the previous FY.

IND inspections are conducted by the IND/IDDE Inspector, Program Specialist, and the Building Inspectors. The City finds importance in having the Building Inspectors participate in the IND inspection program which keeps them engaged and vigilant in monitoring all sites they visit as potential stormwater pollution sources. Each year the Program Manager and Program Specialist provide in-house training to all Building Inspectors in advance of their IND inspections. IN FY 17-18 training was provided to eight Building Inspectors and administrative staff. See Section C.4.e.iii below for further detail on training topics covered.

The City has a re-inspection fee program that is intended to incentivize property oversight and adherence to stormwater pollution BMPs. It provides for monetary penalties to be assessed for properties that are inspected and found to have violations. The FY 17-18 re-inspection fee is $240 per inspection and is assessed for each inspection required to confirm compliance and complete mitigation of any potential or actual discharge identified during an IND inspection. In FY 17-18, six different property owners were assessed re-inspection fees totaling $1,440. Several months before the IND inspections begin, re-inspection fee letters are mailed to all property and business owners scheduled for an IND inspection. An explanation of the IND program and educational brochure are provided to encourage active oversight and engagement of the businesses concerning stormwater pollution prevention. This year, an additional brochure explaining the County's CESQG program was included to provide small business owners that may generate modest amounts of hazardous waste (e.g. fluorescent tubes, cleaners, etc.) a resource for disposal. The goal is to reduce the storage of these unused/broken materials in trash enclosures and other exterior areas. The City requests the IND program letters to be signed and returned acknowledging receipt. Of the 126 letters mailed out, 34 (27%) were returned. This is a 12% increase from FY 16-17. In addition to the re-inspection fee, businesses and property owners may also be issued an administrative citation for up to $500 per violation. In FY 17-18, there was one administrative citation totaling $1000 issued for violations discovered during an IND inspection.

Through the IND program, private properties that are inspected and do not have legible markers or stenciling reading "No Dumping Drains to Creek" are identified. The IND inspector works with the property owner to have labeling of all drains on their property completed. In FY 17-18, 21 properties were identified, 16 properties completed labeling a total of 75 inlets. Contacting the property owners and having this work done, takes considerable time. The remaining 5 properties will be followed up on in FY 18-19 to ensure they are labeled.

The City continues to be an active participant in the SCVURPPP IND/IDDE AHTG. Refer to the C.4. Industrial and Commercial Site Controls section of the Program's FY 16-17 Annual Report for a description of activities of the Program and/or the BASMAA Municipal Operations Committee.

C.4.b.iii ► Potential Facilities List (i.e., List of All Facilities Requiring Stormwater Inspections)

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.

Please see Attachment C.4-1 Potential Facilities List on page 4-6.

C.4.d.iii.(2)(a) & (c) ►Facility Inspections

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

	X	Permittee reports multiple discrete potential and actual discharges as one enforcement action.
		Permittee reports the total number of discrete potential and actual discharges on each site.

	Number
Total number of inspections conducted (C.4.d.iii.(2)(a))	126
Violations, enforcement actions, or discreet number of potential and actual discharges resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner (C.4.d.iii.(2)(c))	12

Comments:
All enforcement actions and/or potential and actual discharges identified during inspections were resolved within 10 business days.

C.4.d.iii.(2)(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)[49]	Number of Enforcement Actions Taken
Level 1	Verbal Warning	9
Level 2	Written Notice of Violation (NOV)	2
Level 3	Administrative Pre-Citation	0
Level 4	Administrative Citation	1
Level 5	Referral to City Attorney	0
Level 6	Referral to Water Board	0
Total		12

C.4.d.iii.(2)(d) ► Frequency of Potential and Actual Non-stormwater Discharges by Business Category

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

Business Category[50]	Number of Actual Discharges	Number of Potential Discharges
Food facilities	2	1
Retail shopping centers	4	0
Automotive (repair, cleaning, and fueling)	3	0
Pesticide facilities (nurseries, garden centers, golf courses)	0	0
Building supply facilities/retailers	0	0
Other- Commercial office	1	1

C.4.d.iii.(2)(e) ►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:

No Industries were identified as non-filers during scheduled inspections during the 17-18 fiscal year.

[49]Agencies to list specific enforcement actions as defined in their ERPs.
[50]List your Program's standard business categories.

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
SCVURPPP IND/IDDE Workshop	5/29/18	Documenting Inspections and Investigations, case studies.	4	50	3	100
Building Inspector IND Internal Staff Training	3/13/18	• IND inspection process overview and goals • Urban runoff pollution prevention* • Business inspection plan* • ERP discussion* • Challenge properties and prior violation history (IDDE/IND) • Year 3 of MRP 2.0 • Trash • PCBs, Hg, and other POCs • Drought- water waste • Mobile businesses- including mobile fuel vendors • Explanation and inspection of full trash capture devices • CESQG program and brochure for stored hazardous waste • Construction BMPs- checking during and after construction (for removal) • Review of IND inspection forms and brochures • Review the site inspection guidance sheet • Whole site inspection procedures* • Process of referring violations identified	7	100	2	66

		• Building inspector/all City employee's role in IDDE • Future training ideas				

Comments:

The SCVURPPP IND/IDDE Inspector Workshop was held in Cupertino and attended by 12 City staff. Several attendees were from the Public Works Department who are assigned to work on-call/after hours. For purposes of information included in the above table, these staff are not all considered "inspectors" but do benefit from all training related to stormwater discharge response. Additional training was provided for the on-call/after hours team (See Section C.5 for topics covered).

The Program Specialist conducted an annual internal training with all Building Department staff including the Building Official, field inspectors, plan check engineers, and administrative support staff. For the purpose of this report, the building inspectors are considered to be part of the "Industrial/Commercial Site Inspectors" identified in the table above. The five building inspectors inspect both residential and commercial construction sites as their core job function. In addition, they perform many of the IND site inspections so a comprehensive internal training is important to our program.

Attachment C.4-1
Fiscal Year 2018-2019
C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
1	20674 HOMESTEAD RD	Restaurant & Food Service	1000 Degrees Pizzeria
2	19998 HOMESTEAD RD STE A	Restaurant & Food Service	212 New York Pizza
3	19459 STEVENS CREEK BLVD STE 100	Restaurant & Food Service	85°C Bakery Cafe
4	10425 S DE ANZA BLVD	Restaurant & Food Service	99 Ranch Market
5	19700 VALLCO PKWY STE160	Restaurant & Food Service	A & M Squared Inc
6	21265 STEVENS CREEK BLVD STE 205	Restaurant & Food Service	A Plus Tea House
7	10893 N WOLFE RD	Restaurant & Food Service	Ai Noodle
8	7335 BOLLINGER RD STE C	Restaurant & Food Service	Ajito Izakaya Dining
9	19379 STEVENS CREEK BLVD	Restaurant & Food Service	Alexander's Steakhouse
10	20835 ALVES DR	Restaurant & Food Service	Ancient Agro
11	10118 BANDLEY DR STE G	Restaurant & Food Service	Apple Café
12	10885 N WOLFE RD	Restaurant & Food Service	Apple Green Bistro
13	10630 S DE ANZA BLVD	Restaurant & Food Service	Aqui's
14	10310 S DE ANZA BLVD	Restaurant & Food Service	Arirang Tofu & BBQ
15	19930 STEVENS CREEK BLVD	Restaurant & Food Service	Arya Global Cuisine
16	10789 S BLANEY AVE	Restaurant & Food Service	Aya Japan House
17	19645 STEVENS CREEK BLVD	Restaurant & Food Service	Azuma Restaurant
18	19748 STEVENS CREEK BLVD	Restaurant & Food Service	Beard Papa's
19	10207 IMPERIAL AVE	Restaurant & Food Service	Bees At Home
20	10883 S BLANEY AVE STE B	Restaurant & Food Service	Beijing Duck House Restaurant
21	10123 N WOLFE RD STE 2074	Restaurant & Food Service	Benihana
22	20560 TOWN CENTER LN	Restaurant & Food Service	Bitter+Sweet
23	10690 N DE ANZA BLVD	Restaurant & Food Service	Bj'S Restaurant & Brewhouse
24	10033 SAICH WAY	Restaurant & Food Service	Blast 825 Pizza
25	22100 STEVENS CREEK BLVD	Restaurant & Food Service	Blue Pheasant Restaurant
26	1361 S DE ANZA BLVD	Restaurant & Food Service	Bobbie's Café
27	10567 STERLING BLVD	Restaurant & Food Service	Boho Llc
28	19634 STEVENS CREEK BLVD	Restaurant & Food Service	Boiling Fish
29	21678 STEVENS CREEK BLVD	Restaurant & Food Service	Bongo's
30	20682 STEVENS CREEK BLVD	Restaurant & Food Service	Boudin
31	19501 STEVENS CREEK BLVD, STE 101	Restaurant & Food Service	Cafe Lattea
32	20343 STEVENS CREEK BLVD	Restaurant & Food Service	Café Torre

Attachment C.4-1
Fiscal Year 2018-2019
C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
33	19634 STEVENS CREEK BLVD	Restaurant & Food Service	CBI Kitchen
34	21267 STEVENS CREEK BLVD STE 320	Restaurant & Food Service	Chaat House
35	19369 STEVENS CREEK BLVD STE 100	Restaurant & Food Service	Chef Hung Noodle
36	20800 HOMESTEAD RD	Restaurant & Food Service	Chef Salud LLC
37	20956 HOMESTEAD RD STE D	Restaurant & Food Service	Chili Pot
38	10385 S DE ANZA BLVD	Restaurant & Food Service	Chipotle Mexican Grill
39	20688 HOMESTEAD RD	Restaurant & Food Service	Chipotle Mexican Grill
40	19805 STEVENS CREEK BLVD	Restaurant & Food Service	Chuck E. Cheese
41	21678 STEVENS CREEK BLVD	Restaurant & Food Service	City Fish, The
42	20010 STEVENS CREEK BLVD	Restaurant & Food Service	Coconut's Fish Café
43	10800 TORRE AVE STE 100	Restaurant & Food Service	Coffee Society
44	10123 N WOLFE RD STE 2020	Restaurant & Food Service	Cold Stone Creamery
45	20080 STEVENS CREEK BLVD	Restaurant & Food Service	Counter, The
46	10275 S DE ANZA BLVD	Restaurant & Food Service	Crab Lover
47	19501 STEVENS CREEK BLVD #102	Restaurant & Food Service	Cream
48	10815 N WOLFE RD STE 102	Restaurant & Food Service	Creamistry
49	7335 BOLLINGER RD STE D	Restaurant & Food Service	Cupertino Specialty Foods
50	10350 S DE ANZA BLVD	Restaurant & Food Service	Curry House Cupertino
51	10591 N DE ANZA BLVD	Restaurant & Food Service	De Anza Bagel Cafe
52	10467 S DE ANZA BLVD	Restaurant & Food Service	De Anza Pure Water
53	20750 STEVENS CREEK BLVD	Restaurant & Food Service	Dish N Dash
54	10250 N DE ANZA BLVD	Restaurant & Food Service	Donut Wheel
55	10088 N WOLFE RD STE 120	Restaurant & Food Service	Doppio Zero Pizzeria
56	10801 N WOLFE RD	Restaurant & Food Service	Duke Of Edinburgh
57	10123 N WOLFE RD STE 1688	Restaurant & Food Service	Dynasty Seafood Restaurant
58	21275 STEVENS CREEK BLVD STE 510	Restaurant & Food Service	Enzo's
59	10200 S DE ANZA BLVD	Restaurant & Food Service	Epicurean Café (Seagate)
60	19369 STEVENS CREEK BLVD STE 130	Restaurant & Food Service	Eureka
61	10933 N WOLFE RD	Restaurant & Food Service	Fantasia Coffee & Tea
62	20672 HOMESTEAD RD	Restaurant & Food Service	Fish Is Wild Fish Grill & More
63	20333 STEVENS CREEK BLVD	Restaurant & Food Service	Flight Wine & Food
64	21678 STEVENS CREEK BLVD	Restaurant & Food Service	Flour And Spice

Attachment C.4-1
Fiscal Year 2018-2019
C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
65	20840 STEVENS CREEK BLVD	Restaurant & Food Service	Fontanas
66	20080 STEVENS CREEK BLVD	Restaurant & Food Service	Fresh Pixx
67	19780 STEVENS CREEK BLVD	Restaurant & Food Service	Galpao Gaucho
68	19990 HOMESTEAD RD	Restaurant & Food Service	Gamba Karaoke
69	19980 HOMESTEAD RD	Restaurant & Food Service	Gochi
70	10815 N WOLE RD	Restaurant & Food Service	Gogigo
71	10851 N WOLFE RD	Restaurant & Food Service	Guan Dong House Inc
72	19620 STEVENS CREEK BLVD STE 150	Restaurant & Food Service	Gyu-Kaku
73	20735 STEVENS CREEK BLVD	Restaurant & Food Service	Habit Burger
74	19409 STEVENS CREEK BLVD STE 100	Restaurant & Food Service	Hai Di Lao Hot Pot
75	19754 STEVENS CREEK BLVD	Restaurant & Food Service	Harumi Sushi
76	10815 N WOLFE RD STE 105	Restaurant & Food Service	Heavenly Holding Ventures Inc
77	10619 S DE ANZA BLVD	Restaurant & Food Service	Hechaa
78	10631 FOOTHILL EXPWY	Restaurant & Food Service	Heekah Hookah & Fafy Coffee
79	19066 STEVENS CREEK BLVD	Restaurant & Food Service	Hi Pot
80	21267 STEVENS CREEK BLVD STE 310	Restaurant & Food Service	Hobee's Restaurant
81	19590 STEVENS CREEK BLVD	Restaurant & Food Service	House Of Falafel
82	10129 S DE ANZA BLVD	Restaurant & Food Service	I Love Bento
83	20371 STEVENS CREEK BLVD	Restaurant & Food Service	I Shshi & Grill
84	19929 STEVENS CREEK BLVD	Restaurant & Food Service	Icebox
85	19622 STEVENS CREEK BLVD	Restaurant & Food Service	Icicles
86	19600 VALLCO PKWY STE 100	Restaurant & Food Service	I-cool
87	21000 STEVENS CREEK BLVD	Restaurant & Food Service	Ike's Lair
88	19505 STEVENS CREEK BLVD	Restaurant & Food Service	Inteanet
89	20750 STEVENS CREEK BLVD	Restaurant & Food Service	Islands
90	20950 STEVENS CREEK BLVD	Restaurant & Food Service	J & J Hawaiian BBQ Restaurant
91	10271 TORRE AVE	Restaurant & Food Service	J S Stew House
92	1451 S DE ANZA BLVD	Restaurant & Food Service	Jack In The Box
93	20080 STEVENS CREEK BLVD	Restaurant & Food Service	Jersey Mike's
94	10911 N WOLFE RD	Restaurant & Food Service	Joy Luck Palace
95	19066 STEVENS CREEK BLVD	Restaurant & Food Service	Joy Palace
96	10635 S FOOTHILL BLVD	Restaurant & Food Service	Judys Kitchen

Attachment C.4-1
Fiscal Year 2018-2019
C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
97	19700 VALLCO PKWY STE 150	Restaurant & Food Service	Kebab Shop, The
98	10370 S DE ANZA BLVD	Restaurant & Food Service	Kee Wah
99	10520 S DE ANZA BLVD	Restaurant & Food Service	Kentucky Fried Chicken
100	1655 S DE ANZA BLVD STE 7	Restaurant & Food Service	Kikusushi Japanese Restaurant
101	21271 STEVENS CREEK BLVD STE 410	Restaurant & Food Service	Kobe Pho & Grill
102	19700 VALLCO PKWY STE 130	Restaurant & Food Service	Koja Kitchen
103	19626 STEVENS CREEK BLVD	Restaurant & Food Service	Kong Tofu & Bbq
104	19600 VALLCO PKWY STE 160	Restaurant & Food Service	Kula Sushi
105	19758 STEVENS CREEK BLVD	Restaurant & Food Service	La Patisserie
106	19960 HOMESTEAD RD	Restaurant & Food Service	La Terra
107	19359 STEVENS CREEK BLVD	Restaurant & Food Service	Lazy Dog
108	20488 STEVENS CREEK BLVD	Restaurant & Food Service	Le Boulanger
109	20363 STEVENS CREEK BLVD	Restaurant & Food Service	Lee's Sandwiches
110	19732 STEVENS CREEK BLVD	Restaurant & Food Service	Legends Pizza
111	10125 BANDLEY DR	Restaurant & Food Service	Lei Garden
112	19675 STEVENS CREEK BLVD	Restaurant & Food Service	Lepi Dor Bakery
113	19772 STEVENS CREEK BLVD	Restaurant & Food Service	Liang's Kitchen
114	19062 STEVENS CREEK BLVD	Restaurant & Food Service	Little Sheep
115	20956 HOMESTEAD RD STE H	Restaurant & Food Service	Local Cafe
116	10895 S BLANEY AVE	Restaurant & Food Service	Lu Dumpling
117	20558 STEVENS CREEK BLVD	Restaurant & Food Service	Lwin Family Co
118	19399 STEVENS CREEK BLVD	Restaurant & Food Service	Lyfe Kitchen
119	19052 STEVENS CREEK BLVD	Restaurant & Food Service	Ma Ma Chen's Kitchen
120	10145 N DE ANZA BLVD	Restaurant & Food Service	Mandarin Gourmet
121	10991 N DE ANZA BLVD STE B	Restaurant & Food Service	Manley's Donuts
122	10990 N STELLING RD	Restaurant & Food Service	McDonald's
123	21250 STEVENS CREEK BLVD	Restaurant & Food Service	Mediterranean Café
124	19449 STEVENS CREEK BLVD STE 120	Restaurant & Food Service	Meet Fresh
125	19409 STEVENS CREEK BLVD	Restaurant & Food Service	Meet Fresh Tea Chansii
126	20803 STEVENS CREEK BLVD STE 110	Restaurant & Food Service	Melt, The
127	19628 STEVENS CREEK BLVD	Restaurant & Food Service	Merlion
128	19110 STEVENS CREEK BLVD	Restaurant & Food Service	Miao's Deli & Roasted Coffee Beans

Attachment C.4-1
Fiscal Year 2018-2019
C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
129	21265 STEVENS CREEK BLVD STE 205	Restaurant & Food Service	Mitasu
130	10815 N WOLFE RD STE 106	Restaurant & Food Service	Mod Superfast Pizza
131	10787 S BLANEY AVE	Restaurant & Food Service	Monster Boba Tea and Dessert
132	10123 N WOLFE RD STE 2054	Restaurant & Food Service	Mrs Fields Cookies
133	19700 VALLCO PKWY STE 190	Restaurant & Food Service	Nosh Café
134	10935 N WOLFE RD	Restaurant & Food Service	Nutrition Restaurant
135	19672 STEVENS CREEK BLVD	Restaurant & Food Service	Olarn Thai Cuisine
136	19648 STEVENS CREEK BLVD	Restaurant & Food Service	One Pot
137	19419 STEVENS CREEK BLVD STE 100	Restaurant & Food Service	Oren's Hummus
138	20630 VALLEY GREEN DR	Restaurant & Food Service	Outback Steakhouse
139	21000 STEVENS CREEK BLVD STE 300	Restaurant & Food Service	Panda Express
140	20807 STEVENS CREEK BLVD	Restaurant & Food Service	Panera Bread
141	19469 STEVENS CREEK BLVD	Restaurant & Food Service	Panino Giusto
142	20735 STEVENS CREEK BLVD	Restaurant & Food Service	Paris Baguette
143	10030 S DE ANZA BLVD	Restaurant & Food Service	Park Place
144	21619 STEVENS CREEK BLVD	Restaurant & Food Service	Paul and Eddies Bar
145	10251 S DE ANZA BLVD	Restaurant & Food Service	Peacock Indian Cuisine & Bakery
146	20807 STEVENS CREEK BLVD STE 200	Restaurant & Food Service	Peet's Coffee & Tea
147	22350 HOMESTEAD RD	Restaurant & Food Service	Peet's Coffee & Tea
148	20686 STEVENS CREEK BLVD	Restaurant & Food Service	Philz Coffee
149	19439 STEVENS CREEK BLVD	Restaurant & Food Service	Philz Coffee
150	10118 BANDLEY DR STE H	Restaurant & Food Service	Pho Minh
151	19409 STEVENS CREEK BLVD	Restaurant & Food Service	Pieology Pizzeria
152	20770 STEVENS CREEK BLVD	Restaurant & Food Service	Pizza Hut
153	20530 STEVENS CREEK BLVD	Restaurant & Food Service	Pizza My Heart
154	10815 N WOLFE RD	Restaurant & Food Service	Poke Works
155	19929 STEVENS CREEK BLVD	Restaurant & Food Service	Pokeholics
156	10869 N WOLFE RD	Restaurant & Food Service	Pokeworks
157	10495 S DE ANZA BLVD	Restaurant & Food Service	Power Pot
158	19409 STEVENS CREEK BLVD STE 130	Restaurant & Food Service	Pressed Juicery
159	10889 S BLANEY AVE	Restaurant & Food Service	QQ Noodle
160	10123 N WOLFE RD STE 2119	Restaurant & Food Service	Quickly

Attachment C.4-1
Fiscal Year 2018-2019
C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
161	10887 N WOLFE RD	Restaurant & Food Service	Quickly
162	21265 STEVENS CREEK BLVD STE 210	Restaurant & Food Service	Quickly
163	19541 RICHWOOD DR	Restaurant & Food Service	Ramen Mania
164	10074 E ESTATES DR	Restaurant & Food Service	Red Hot Wok
165	10074 E ESTATES DR	Restaurant & Food Service	Redi Pan Inc
166	10525 S DE ANZA BLVD STE 130	Restaurant & Food Service	Rio Adobe
167	19110 STEVENS CREEK BLVD STE A	Restaurant & Food Service	Roasted Coffee Bean
168	19389 STEVENS CREEK BLVD	Restaurant & Food Service	Rootstock Wine Bar
169	19650 STEVENS CREEK BLVD	Restaurant & Food Service	Rori Rice
170	20688 STEVENS CREEK BLVD	Restaurant & Food Service	Rubio's
171	10963 N WOLFE RD	Restaurant & Food Service	S&Y T Studio
172	10525 S DE ANZA BLVD STE 100	Restaurant & Food Service	Sage Management Group
173	10340 STERN AVE	Restaurant & Food Service	Saint Bar, The
174	19505 STEVENS CREEK BLVD	Restaurant & Food Service	Sancha Bar Cupertino
175	20007 STEVENS CREEK BLVD	Restaurant & Food Service	Shan Restaurant
176	10877 N WOLFE RD	Restaurant & Food Service	Shanghai Family Restaurant
177	20956 HOMESTEAD RD STE A2	Restaurant & Food Service	Shanghai Garden Restaurant
178	10122 BANDLEY DR	Restaurant & Food Service	Sheng Kee Bakery
179	10961 N WOLFE RD	Restaurant & Food Service	Sheng Kee Bakery
180	19541 RICHWOOD DR	Restaurant & Food Service	Sizzling Pot King
181	10825 N WOLFE RD	Restaurant & Food Service	Southland Flavor Cafe
182	10118 BANDLEY DR STE A	Restaurant & Food Service	Spicy Station
183	22390 HOMESTEAD RD	Restaurant & Food Service	Starbucks
184	21731 STEVENS CREEKBLVD	Restaurant & Food Service	Starbucks
185	11111 N WOLFE RD	Restaurant & Food Service	Starbucks
186	20520 STEVENS CREEK BLVD STE A	Restaurant & Food Service	Starbucks
187	19900 VALLCO PKWY	Restaurant & Food Service	Startup Cafe (Apple, Inc)
188	10088 N WOLFE RD STE 130	Restaurant & Food Service	Steins Beer Garden
189	10088 N WOLFE RD STE 100	Restaurant & Food Service	Stouts Burgers & Beers
190	19540 VALLCO PKWY	Restaurant & Food Service	Sul & Beans Korean Dessert
191	19110 STEVENS CREEK BLVD STE B	Restaurant & Food Service	Subway
192	20916 HOMESTEAD RD STE E	Restaurant & Food Service	Subway

Attachment C.4-1
Fiscal Year 2018-2019
C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
193	22352 HOMESTEAD RD	Restaurant & Food Service	Subway
194	21682 STEVENS CREEK BLVD	Restaurant & Food Service	Subway
195	19998 HOMESTEAD RD STE C	Restaurant & Food Service	Subway
196	19620 STEVENS CREEK BLVD STE 180	Restaurant & Food Service	Super Cue Cafe
197	19068 STEVENS CREEK BLVD	Restaurant & Food Service	Sushi Hana Express
198	10211 S DE ANZA BLVD	Restaurant & Food Service	Sushi Kuni
199	10815 N WOLFE RD	Restaurant & Food Service	Sweet Dessert
200	21710 STEVENS CREEK BLVD STE 200	Restaurant & Food Service	Swurlz Yogurt Shop
201	10710 S DE ANZA BLVD	Restaurant & Food Service	Taco Bell
202	20956 HOMESTEAD RD STE A1	Restaurant & Food Service	Taiwan Porridge Kingdom
203	20916 HOMESTEAD RD STE A	Restaurant & Food Service	Taste Good Cupertino
204	20956 HOMESTEAD RD STE G	Restaurant & Food Service	Tastier Panburger
205	10123 N WOLFE RD STE 2001	Restaurant & Food Service	Tatami Buffet
206	19449 STEVENS CREEK BLVD STE 120	Restaurant & Food Service	Tea Chansii
207	20916 HOMESTEAD RD STE F	Restaurant & Food Service	Tea Era Café
208	21670 STEVENS CREEK BLVD	Restaurant & Food Service	Thai Bangkok Cuisine
209	20916 HOMESTEAD RD STE A	Restaurant & Food Service	Thai Delight
210	21267 STEVENS CREEK BLVD STE 340	Restaurant & Food Service	Thai Square
211	20371 STEVENS CREEK BLVD	Restaurant & Food Service	TLT & Grill
212	10971 N WOLFE RD	Restaurant & Food Service	Tofu Plus
213	21267 STEVENS CREEK BLVD STE 314	Restaurant & Food Service	Togo's
214	10869 N WOLFE RD	Restaurant & Food Service	Tong Dumpling
215	10123 N WOLFE RD STE FC-1	Restaurant & Food Service	Topoli Enterprises Inc.
216	10787 S BLANEY AVE	Restaurant & Food Service	TP Tea
217	19959 STEVENS CREEK BLVD	Restaurant & Food Service	T-Pumps
218	19650 STEVENS CREEK BLVD	Restaurant & Food Service	T-Swirl Crepe
219	860 S BLANEY AVE	Restaurant & Food Service	Unique
220	10789 S BLANEY AVE	Restaurant & Food Service	Uzumakiya
221	10061 N BLANEY AVE	Restaurant & Food Service	Vacant (Convience Store)
222	10123 N WOLFE RD STE FC7	Restaurant & Food Service	Veggie Land
223	20010 STEVENS CREEK BLVD	Restaurant & Food Service	Village Falafel
224	21265 STEVENS CREEK BLVD 201	Restaurant & Food Service	Vitaligent East Bay Llc Dba

Attachment C.4-1
Fiscal Year 2018-2019
C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
225	19058 STEVENS CREEK BLVD	Restaurant & Food Service	Viva Thai Bistro
226	19620 STEVENS CREEK BLVD STE 190	Restaurant & Food Service	Wingstop Restaurant
227	10619 S DE ANZA BLVD	Restaurant & Food Service	Xiang Xiang Noodle
228	10235 S DE ANZA BLVD	Restaurant & Food Service	XLB Kitchen
229	10831 N WOLFE RD	Restaurant & Food Service	Yang Bbq
230	10235 S DE ANZA BLVD	Restaurant & Food Service	Yard
231	20682 HOMESTEAD RD	Restaurant & Food Service	Yayoi
232	10660 S DE ANZA BLVD	Restaurant & Food Service	Yiassoo
233	19700 STEVENS CREEK	Restaurant & Food Service	Yogurtland
234	20916 HOMESTEAD RD STE E	Restaurant & Food Service	Yoosone Inc
235	10700 S DE ANZA BLVD	Restaurant & Food Service	Yoshida Restaurant
236	19825 STEVENS CREEK BLVD	Restaurant & Food Service	Yoshinoya Restaurant
237	10262 IMPERIAL AVE	Automotive	Alan White Service (Alan's Auto)
238	19990 STEVENS CREEK BLVD	Automotive	Alliance Gas
239	10264 IMPERIAL AVE	Automotive	Auto Smog
240	10023 S DE ANZA BLVD	Automotive	Chevron
241	11010 N DE ANZA BLVD	Automotive	Chevron
242	10270 IMPERIAL AVE	Automotive	Clark's Auto Parts and Machine
243	22510 STEVENS CREEK BLVD	Automotive	Cupertino Auto Care/Beacon
244	10073 IMPERIAL AVE	Automotive	Cupertino Auto Tech
245	10280 IMPERIAL	Automotive	Cupertino Service
246	10625 N DE ANZA BLVD	Automotive	Cupertino Smog Pro/Union 76
247	21530 STEVENS CREEK BLVD	Automotive	Cupertino Union 76
248	11025 N DE ANZA BLVD	Automotive	De Anza Auto Repair
249	20999 STEVENS CREEK BLVD	Automotive	De Anza Shell
250	10100 BUBB RD	Automotive	Driving Machine, The
251	10550 S DE ANZA BLVD	Automotive	European Auto Performance
252	10931 N DE ANZA BLVD	Automotive	Goodyear Tire
253	10490 S DE ANZA BLVD	Automotive	Henry's Union 76
254	21855 HOMESTEAD RD	Automotive	Homestead Union 76
255	21680 LOMITA AVE	Automotive	House of Miracles
256	10261 IMPERIAL AVE	Automotive	Imperial Automotive

Attachment C.4-1
Fiscal Year 2018-2019
C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
257	10221 IMPERIAL AVE	Automotive	International Auto Clinic
258	19480 STEVENS CREEK BLVD	Automotive	Jiffy Lube
259	10151 IMPERIAL AVE	Automotive	JST Auto Care
260	10100 BUBB RD STE 100B	Automotive	Pan American Body Shop
261	10218 IMPERIAL AVE	Automotive	Pan American Collision Center
262	19030 STEVENS CREEK BLVD	Automotive	Rotten Robbie
263	1699 S DE ANZA BLVD	Automotive (Car Wash)	Valero
264	10002 N DE ANZA BLVD	Automotive (Car Wash)	Valero
265	19550 STEVENS CREEK BLVD	Automotive	Vallco Union 76
266	10012 N FOOTHILL BLVD	Other- Veterinary	Acadia Veterinary Clinic
267	10026 PENINSULA AVE	Other- Veterinary	Cupertino Animal Hospital
268	21749 STEVENS CREEK BLVD	Other- Dry Cleaners	N&K Cleaners
269	20379 STEVENS CREEK BLVD	Other- Dry Cleaners	Dryclean Pro
270	19775 STEVENS CREEK BLVD	Other- Dry Cleaners	Zarin Sewing Alteration and Dryclean
271	10620 S DE ANZA BLVD	Other- Dry Cleaners	Scotty's Cleaners
272	10477 S DE ANZA BLVD	Other- Dry Cleaners	De Anza Laundromat
273	10151 S DE ANZA BLVD	Other- Dry Cleaners	Sierra Cleaners
274	10045 E ESTATES DR	Other- Dry Cleaners	One Hour Cleaners By Lee
275	10020 IMPERIAL AVE	Other- Dry Cleaners	Classic Cleaners
276	10095 SAICH WAY, STE 2	Other - Misc.	Parlour 17
277	22555 CRISTO REY DR	Other- Misc.	Gate of Heaven Cemetary
278	10165 N DE ANZA BLVD	Other- Hotel	Aloft Hotel
279	10889 N DE ANZA BLVD	Other- Hotel	Cupertino Inn
280	19429 STEVENS CREEK BLVD	Other- Hotel	Marriot Residence Inn
281	21220 HOMESTEAD RD	Grocery	7-Eleven
282	21530 STEVENS CREEK BLVD	Grocery/Fueling Station	7-Eleven
283	21490 MCCLELLAN RD	Grocery	7-Eleven
284	10983 N WOLFE RD	Grocery	99 Ranch Market
285	10425 S DE ANZA BLVD	Grocery	99 Ranch Market
286	22690 STEVENS CREEK BLVD	Grocery	Bateh Brothers Market
287	7335 BOLLINGER RD STE D	Grocery	Cupertino International Foods
288	19750 STEVENS CREEK BLVD	Grocery	Marukai

Attachment C.4-1
Fiscal Year 2018-2019
C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
289	19944 HOMESTEAD RD	Grocery	Oakmont Market
290	20620 HOMESTEAD RD	Grocery	Safeway
291	20558 STEVENS CREEK BLVD	Grocery	Sprouts
292	10629 S FOOTHILL BLVD	Grocery	Stevens Creek Market
293	10255 S DE ANZA BLVD	Grocery	Trinethra Indian Supermarket
294	20955 STEVENS CREEK BLVD	Grocery	Whole Foods
295	22100 STEVENS CREEK BLVD	Other- Pesticide Facilities	Blackberry Farm Golf Course
296	10700 CLUBHOUSE LN	Other- Pesticide Facilities	Deep Cliff Golf Course
297	1361 S DE ANZA BLVD	Other- Pesticide Facilities	Yamagami Nursery
298	1491 S DE ANZA BLVD	Other- Pesticide Facilities	Summer Winds Nursery
299	20600 STEVENS CREEK BLVD	Other- Major Retail	Aaron Brothers
300	20149 STEVENS CREEK BLVD	Other- Major Retail	Concept Creation Interior Design
301	10455 S DE ANZA BLVD	Other- Major Retail	CVS
302	19750 STEVENS CREEK BLVD	Other- Major Retail	Daiso
303	20640 HOMESTEAD RD	Other- Major Retail	Michael's
304	20740 STEVENS CREEK BLVD	Other- Major Retail	Party City
305	20610 STEVENS CREEK BLVD	Other- Major Retail	Pier 1 Imports
306	20572 HOMESTEAD RD	Other- Major Retail	Rite Aid
307	20650 HOMESTEAD RD	Other- Major Retail	Ross
308	19900 STEVENS CREEK BLVD	Other- Major Retail	Scandanavian Designs
309	20830 STEVENS CREEK BLVD	Other- Major Retail	Staples
310	20600 HOMESTEAD RD	Other- Major Retail	Steinmart
311	20149 STEVENS CREEK BLVD	Other- Major Retail	Sun Design Center
312	20745 STEVENS CREEK BLVD	Other- Major Retail	Target
313	20730 STEVENS CREEK BLVD	Other- Major Retail	TJ Maxx / Home Goods
314	10815 N WOLFE RD STE 103	Other- Major Retail	T-Mobile
315	20580 HOMESTEAD RD	Other- Major Retail	Ulta Beauty
316	10075 E ESTATES DR	Other- Major Retail	United Furniture Club
317	20011 BOLLINGER RD	Other- Major Retail	Walgreens
318	10101 N WOLFE RD	Other- Major Entertainment	Bay Club
319	21979 SAN FERNANDO AVE	Other- Major Entertainment	Blackberry Farm Picnic Grounds
320	21275 STEVENS CREEK BLVD	Other- Major Entertainment	Bluelight Cinema Theatres

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Fiscal Year 2018-2019
C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
321	10123 N WOLFE RD	Other- Major Entertainment	Bowlmor Lanes
322	20990 HOMESTEAD RD	Other- Major Entertainment	Homestead Lanes
323	10123 N WOLFE RD STE 1020	Other- Major Entertainment	Vallco Ice Center
324	10110 CALIFORNIA OAK WAY	Other- Agriculture	Whispering Creek Equestrian Center
325	10151 IMERIAL AVE	Concrete/Stone Products	Reyes Concrete
326	10650 S DE ANZA BLVD	Building Supplies/Services	Sherwin Williams
327	1505 S DE ANZA BLVD	Building Supplies/Services	Kelly Moore
328	10230 IMPERIAL AVE	Building Supplies/Services	Cupertino Supply
329	10200 IMPERIAL AVE	Building Supplies/Services	Ekim Painting
330	10171 S DE ANZA BLVD	Building Supplies/Services	S & G Carpet
331	20149 STEVENS CREEK BLVD	Building Supplies/Services	Sun Design Center
332	21621 STEVENS CREEK BLVD	Building Supplies/Services	Halo Custom Guitar
	Retail Shopping Centers Identified Below Include All Businesses on the Property Which Will Be Inspected During Common Area Inspections		
333	10171 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center
334	1655 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
335	7335 BOLLINGER RD	Retail- Shopping Centers	Shopping Center- Common Area
336	10745 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
337	10555 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
338	10385 N DE ANZA BLVD	Retail- Shopping Centers	McClellan Square- Common Area
339	10493 S DE ANZA BLVD	Retail- Shopping Centers	McClellan Square- Common Area
340	10281 S DE ANZA BLVD	Retail- Shopping Centers	Allario Center- Common Area
341	10211 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
342	10133 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
343	20600 VALLEY GREEN DR	Retail- Shopping Centers	Shopping Center- Common Area
344	10991 N DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
345	10620 S DE ANZA BLVD	Retail- Shopping Centers	Shopping Center- Common Area
346	1601 S DE ANZA BLVD	Retail- Shopping Centers	Dollinger Plaza
347	20352 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area
348	20916 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area
349	20956 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area
350	20990 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area
351	20676 HOMESTEAD RD	Retail- Shopping Centers	Homestead Square- Common Area

Attachment C.4-1
Fiscal Year 2018-2019
C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
352	19998 HOMESTEAD RD	Retail- Shopping Centers	Shopping Center- Common Area
353	19940 HOMESTEAD RD	Retail- Shopping Centers	Oakmont Center- Common Area
354	10805 N WOLFE RD	Retail- Shopping Centers	Cupertino Village- Common Area
355	10629 S FOOTHILL BLVD	Retail- Shopping Centers	Stevens Creek Market Center- Common Area
356	21749 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area
357	21678 STEVENS CREEK BLVD	Retail- Shopping Centers	Stanley Square- Common Area
358	21267 STEVENS CREEK BLVD	Retail- Shopping Centers	Oaks Shopping Center- Common Area
359	21000 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area
360	20610 STEVENS CREEK BLVD	Retail- Shopping Centers	Crossroads Center (Byer)- Common Area
361	20510 STEVENS CREEK BLVD	Retail- Shopping Centers	Crossroads Center (Mardesich)- Common Area
362	20807 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area
363	10073 SAICH WAY	Retail- Shopping Centers	Saich Station- Common Area
364	20803 STEVENS CREEK BLVD	Retail- Shopping Centers	Saich Station- Common Area
365	20735 STEVENS CREEK BLVD	Retail- Shopping Centers	Bottegas Shopping Center- Common Area
366	10122 BANDLEY DR	Retail- Shopping Centers	Marina Plaza- Common Area
367	20385 STEVENS CREEK BLVD	Retail- Shopping Centers	St. Joseph's Plaza- Common Area
368	20311 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area
369	20490 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center (Cali Mill Park)- Common Area
370	20488 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center (Mixed Use)- Common Area
371	20009 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area
372	20080 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center (Biltmore N Retail)- Common Area
373	19969 STEVENS CREEK BLVD	Retail- Shopping Centers	Travigne Plaza (Mixed Use)- Common Area
374	19625 STEVENS CREEK BLVD	Retail- Shopping Centers	Portal Plaza- Common Area
375	19620 STEVENS CREEK BLVD	Retail- Shopping Centers	Marketplace Shopping Center- Common Area
376	19758 STEVENS CREEK BLVD	Retail- Shopping Centers	Marketplace Shopping Center- Common Area
377	10065 E ESTATES DR	Retail- Shopping Centers	Shopping Center- Common Area
378	10071 E ESTATES DR	Retail- Shopping Centers	Shopping Center- Common Area
379	10123 N WOLFE RD	Retail- Shopping Centers	Vallco Shopping Center- Common Area
380	19505 STEVENS CREEK BLVD	Retail- Shopping Centers	Metropolitan (Mixed Use)- Common Area
381	19800 VALLCO PARKWAY	Retail- Shopping Centers	Nineteen-800 (Mixed Use)- Common Area
382	19349 STEVENS CREEK BLVD	Retail- Shopping Centers	Main Street Cupertino- Common Area
383	19110 STEVENS CREEK BLVD	Retail- Shopping Centers	Shopping Center- Common Area

Attachment C.4-1
Fiscal Year 2018-2019
C.4.b.ii(2)(d) POTENTIAL FACILITIES LIST (Total Facility Business Inspection Plan)

	BUSINESS LOCATION	LICENSE TYPE	BUSINESS NAME
384	19070 STEVENS CREEK BLVD	Retail- Shopping Centers	Loree Shopping Center- Common Area
385	20400 STEVENS CREEK BLVD	Retail- Shopping Centers	Biltmore North
386	20051 BOLLINGER RD	Retail- Shopping Centers	Pacific Rim Plaza- Common Area
	Commercial Office Identified Below Include All Businesses on the Property Which Will Be Inspected During Common Area Inspection		
387	10001 N DE ANZA BLVD	Office	Apple, Inc.
388	10101 N DE ANZA BLVD	Office	Apple, Inc.
389	19333 VALLCO PARKWAY	Office/Food Service	Apple, Inc.
390	10441 BANDLEY AVENUE	Office	Apple, Inc.
391	20330 TORRE AVENUE	Office/Food Service	Apple, Inc.
392	10201 TORRE AVENUE	Office	Amazon
393	20563 STEVENS CREEK BLVD	Office	Bank of America
394	21020 HOMESTEAD RD	Office	Bank of America
395	20573 STEVENS CREEK BLVD	Office	Chase Bank
396	10601 S DE ANZA BLVD	Office Park	De Anza Professional Center
397	19240 STEVENS CREEK BLVD	Office	Lighthouse Bank
	NOI		
398	10240 BUBB RD	Office	Durect
399	10260 BUBB RD	Office	Durect

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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:

Collection System Screening Program

In FY 17-18 staff continued to spot check outfalls during creek clean up events on Calabazas Creek, scheduled hot spot clean ups conducted every other month on Stevens Creek, and during the annual assessments on both Stevens and Calabazas creeks. Any structural deficiencies with an outfall pipe observed is noted and followed up with the appropriate agency/owner for repairs. In FY 17-18, no unknown discharges or damaged outfalls were observed.

Program Review of Private Development and Redevelopment Projects

The Program Manager and Program Specialist continue to take an active role in reviewing private, new development and smaller tenant improvement projects for various commercial and multi-family projects. Projects reviewed are generally related to food uses and other commercial / retail uses that may have a higher likelihood of potential stormwater runoff pollution. There continue to be very few industrial uses in Cupertino; however, these too would be reviewed, should an application be submitted. Standard conditions of approval for these projects include: 1) requiring new covered trash enclosures where none previously exist or retrofitting existing trash enclosures with a roof (wet waste uses only) , 2) public litter trio receptacles/cigarette butt urns installed in visible high pedestrian areas, such as public sidewalks and on interior shopping center walkways, 3) installation of storm drain inlet markers on private storm drains, 4) installation of State Water Boards Certified Full Capture System List of Trash Treatment Control Devices in private property storm drain catch basins, 5) explicit prohibition of installing ornamental copper on exterior architectural features, and 6) documented removal and disposal of construction and demolition debris in an effort to prevent illegal dumping of these materials and meet CalRecycle waste diversion requirements. In FY 17-18, a total of 43 projects were reviewed and all or some of the aforementioned conditions were implemented based on the scope of the project and specific use. Some of the smaller tenant improvement permit applications were performed in retail shopping centers that already had met these requirements in prior years. Many of the projects that were reviewed in FY 17-18 have not been completed, so final installation data is not available as of the writing of this report. Of the 13 projects completed in FY 17-18, seven installed public waste trios, 11 installed full trash capture devices on their private storm drain inlets. A total of 56 full trash capture inlet devices were installed on the 11 project sites treating a total of 17.3 acres of private property that drain to the MS4. Of the 11 project sites, three were major retail shopping centers in high or medium Trash Management Areas (TMAs) and the others are food service, banks, a paint store and a small strip mall shopping center. As previously stated, the City expects several projects that have been approved in FY 17-18 to be completed in FY 18-19 at which time the information will be included in that year's annual report.

Outside Agency Discharge Reporting

In FY 17-18 several discharges occurred within the City limits from failed infrastructure owned by outside agencies, such as water, sewer, and electricity. While most of these agencies are responsible for mitigating and reporting these discharges directly under their own stormwater permit, they may have direct impact the City's MS4. In some instances, these agencies were not reporting the discharge to the City when they responded, so we did not have knowledge of incidents. A letter was sent to these agencies for the purpose of establishing a clear line of communication requesting notification to the City when a discharge occurs so our IND/IDDE Inspector can respond, offer assistance, and ensure

mitigation is conducted to the satisfaction of the City. These discharges, whether they enter a storm drain or are contained to the surface are documented in Cupertino's IDDE database. Agencies receiving letters and follow up include: California Water Service, San Jose Water Company, Cupertino Sanitary District, Sunnyvale Sanitary District, PG&E, and Recology (the City's franchised waste hauler). Discussions with several of the agencies were conducted as follow up to the written notice.

Internal Staff Training

In July 2017, the Environmental Programs Manager, Program Specialist, and IND/IDDE Inspector conducted training with all of the Service Center maintenance staff who work on-call/after-hours and may be dispatched to a spill or discharge incident. Training topics covered were: overview of the MRP and the City's responsibilities, review of the IDDE ERP, MS4 map access and how to read it, arrival and assessment protocol, hazardous/non-hazardous incidents, notification flow chart, and documentation for additional follow up. The on-call vehicle was stocked with a procedure binder, forms, MS4 map, and camera, in addition to the spill/discharge clean up supplies already on board.

Stevens Creek Corridor Staff Training

The City owns and operates three distinct outdoor recreational facilities along an approximately one mile reach of Stevens Creek. These facilities, McClellan Ranch Park, Blackberry Farm Picnic Grounds, and Blackberry Farm Golf Course are patrolled by City park rangers and various staff from the Recreation and Community Services Department. In November 2017, a training was led by the Environmental Specialist for the rangers and lead recreation mangers for each of the three facilities. The goal of the training was to provide enhanced awareness of monitoring activities that could lead to discharges, trash and maintenance management, and how to report/mitigate actual or threatened discharges. Other discussion topics included: overview of the Environmental Programs Division, discussion of MRP 2.0, discussion of potential sources of pollution, sediment/construction oversight, outfall function and drainage area to that reach of the creek, and how to report/document any discharges actual and/or threatened. As the Stevens Creek corridor was rehabilitated over several years, the park rangers were added. This training was well received and will be continued annually and expanded to further protect the creek and adjacent habitat.

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

Summary of any changes made during FY 17-18:
No change.

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
Discharges reported (C.5.d.iii.(1))	125
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	27

Discharges resolved in a timely manner (C.5.d.iii.(3))	122

Comments:

The City has one IND/IDDE inspector who acts as the primary investigator for reports of threatened or actual stormwater pollution discharges. This inspector has worked for the City for 44 years and has a vast knowledge of the MS4 and outfall locations within the creeks. He has been the City's IND/IDDE inspector for over 10 years and is a tremendous resource to both City staff and the community with the efficiency in which he identifies and resolves discharge incidents. The Program Manager and Specialist are also trained and equipped to respond and manage spills and discharges in the absence of the inspector. Reports of discharges, both actual and threatened are typically responded to within the City's goal of less than 24 hours; however, if a report is received during business hours, the IND/IDDE inspector is immediately dispatched to investigate.

IDDE investigations are begun through various channels: community reported, inspector initiated, interdepartmental referral, and outside agency referrals. Of the 125 total discharges investigated, 68 (54%) were community reported, 17 (14%) were inspector initiated, 30 (24%) were interdepartmental referral, and 9 (7%) were other agency referrals. This data shows that 38% of all IDDEs investigated in FY 17-18 were through proactive City investigation or other City staff observing noncompliant conditions that warranted follow up by the investigator. This reflects effective intra-agency communication and awareness of the importance for stormwater pollution prevention by City staff.

As compliance and enforcement tools, the City has established a site re-inspection fee of $240 (per inspection) and administrative citations ($100, $200, and $500 per violation). Cupertino places and emphasis on education and development of effective site management with our residents and business community; however, there is need to impose fees and fines for non-compliance and/or egregious conditions. In FY 17-18 ten re-inspection fees covering four different properties were assessed totaling $2400. In FY 17-18, seven administrative citations were issued for three separate non-compliant properties totaling $4900.

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 17-18, there were only five reports of discharges (threatened or actual) that were determined to be unsubstantiated upon the inspector's investigation.

When a discharge is reported or observed, the inspector's first objective is to prevent and/or limit the discharge from reaching the storm drain system and/or receiving water. In FY 17-18, of all the discharges investigated, 98 (78%) were contained to the surface area and did not enter the storm drain system (either private or the MS4). Of the 27 discharges that did reach the storm drain, 14 (52%) were the result of broken water lines on either private land or were public utility lines within the right-of-way. Water line failure discharges are a challenge to prevent since they are subsurface accidental failures of infrastructure that is controlled by another NPDES permitted party (the water utility company*). The IND/IDDE Inspector responds to these incidents and ensures BMPs are installed and mitigation/clean-up is completed in a timely manner.

*Section 402 of the Clean Water Act requires that a discharge of any pollutant or combination of pollutants to surface waters that are deemed waters of the United States be regulated by a National Pollutant Discharge Elimination System (NPDES) permit. To provide coverage to discharges by water purveyors to waters of the United States in compliance with Clean Water Act section 402, the State Water Board adopted the Statewide General NPDES Permit for Drinking Water System Discharges to Waters of the United States on November 18, 2014.

During this reporting period there were three discharges that exceeded the 10 businesses day compliance period. Summaries of these incidents are as follows:

1) Uncontained litter and trash in the parking lot and exterior areas of a bank. Violation was discovered by the Program Specialist during a site visit prior to issuing comments on an interior remodel. Verbal notice and Notice of Violation (NOV) were required to gain compliance. Compliance was achieved within 11 business days.
2) Large commercial shopping center with uncontained litter and trash, open bin lids, and unmarked drain inlets. Prior history of similar litter issues with this property owner and site. Pre-citation notice issued. Some efforts in improvement, but the results were not sustained. Clean up was conducted, however, after making follow up visits, the level of maintenance showed the property was not in daily compliance. Five administrative citations totaling $4300 were issued in addition to $1200 in re-inspection fees were imposed and compliance was eventually achieved after several follow up inspections. This enforcement action was kept open/unresolved for 38 days until the owner could demonstrate they were maintaining the property over time, rather than only when our inspections were scheduled.
3) Spilled cooking oil in covered trash enclosure and loose litter debris in the parking lot of a restaurant. Prior NOV on file for this site, therefore a pre-citation notice was issued. First re-inspection did not pass (some litter remained). Second re-inspection conducted and all violations were corrected. Re-inspection fees assessed in amount of $480. Compliance was achieved within 14 business days.

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(3)(a), (b), (c), (d) ►Site/Inspection Totals

Number of active Hillside Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.a)	**Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection)** (C.6.e.iii. 3.c)	**Number of sites disturbing ≥ 1 acre of soil** (C.6.e.iii.3.b)	**Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites and sites disturbing 1 acre or more)** (C.6.e.iii. 3.d)
2	4	4	125

Comments:

Prior to September 1st, 2017, the City Engineer sent a reminder letter to all site developers and/or owners disturbing one acre or more of soil, hillside projects, and high priority sites to prepare for the upcoming wet season. Prior to the beginning of the wet season (October 1, 2017), the Public Works Engineering Inspector and the City's contracted consulting inspector for the Apple Campus 2 (AC2) project, inspected each site and verified that appropriate and effective BMPs had been implemented. The City's contracted consulting inspector for the AC2 site is a Qualified SWPPP Developer (QSD) and a Certified Professional in Erosion and Sediment Control (CPESC). The City's Public Works Engineering Inspector is a Qualified SWPPP Practitioner (QSP), a Certified Erosion, Sediment, and Stormwater Inspector (CESSWI), and a Certified Public Infrastructure Inspector (CPII).

In FY 17-18, all C.3 regulated project construction sites were inspected monthly or until construction was completed. Monthly inspections were documented and saved in the City's C.6 database. In addition to the inspections conducted by the Public Works Engineering Inspector and contracted consulting inspector for the AC2 site, the City's Building Inspectors conducted 14,383 inspections of single-family residences, multi-family residences, and various commercial construction sites. The building inspectors are trained annually on stormwater requirements, BMPs, and timely compliance (See Section C.4 IND annual training and the training identified at the end of this section). When potential/actual discharge violations are observed, the building inspectors will require immediate correction. If there is not immediate compliance or the situation is complex, the situation is addressed by the City's IND/IDDE inspector and tracked/resolved as an IDDE incident which is reported in Section C.5 of this Annual Report.

C.6.e.iii.(3)(e) ►Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP)[51]	Number Enforcement Actions Issued
Level 1[52]	Verbal Warning	14
Level 2	Written Notice	2
Level 3	Pre-Citation Letter and/or Administrative Citation Fines	0
Level 4	Stop Work Order	0
Level 5	Referral to City Attorney	0
Level 6	Referral to Santa Clara County District Attorney/ Regional Water Board	0
Level 7	City Remediation of a Nuisance	0
Total		**16**

C.6.e.iii.(3)(f), ►Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence at hillside sites, high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii. 3.f)	0

[51]Agencies should list the specific enforcement actions as defined in their ERPs.
[52]For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.(3)(g) ► Corrective Actions

Indicate your reporting methodology below.

☐	Permittee reports multiple discrete potential and actual discharges as one enforcement action.
X	Permittee reports the total number of discrete potential and actual discharges on each site.

	Number
Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii. .3.g)	18

Comments:

Enforcement for deficiencies identified during site inspections are investigated and resolved consistent with the Construction Site Control ERP. In FY 17-18, the following violations were identified and resolved by the City's inspectors:

- Erosion Control = 3
- Run-on and Run-off Control = 1
- Sediment Control = 7
- Good Site Management = 8

When an actual or potential discharge is observed by an inspector, the construction site project manager is typically given 48 hours to correct the violation. If rainfall is imminent, the responsible person is required to correct the violation immediately. Of the 19 total potential and/or actual discharges that were identified, 18 were corrected within 10 business days. The incident exceeding the 10 business day requirement occurred at AC2 and was overseen by the City's contracted consulting inspector. The violation involved an area of exposed soil that was scheduled for landscaping, and as it had yet to be completed, had a potential for erosion and sediment discharge. The inspector issued a verbal and written notice of non-compliance and provided additional time for the contractor to install the final landscaping, which provided for a permanent solution to any erosion issues. In the interim prior to planting, the contractor installed sediment control measures to eliminate the potential for any discharge. There was no discharge to the MS4. All other violations were effectively addressed within 10 business days.

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 3 Years of MRP 2.0 implementation

	Erosion Control	Run-on & Runoff	Sediment Control	Active Treatment	Good Site Management	Non-Stormwater Management	Total # of Corrections
FY 17-18	3	1	7	0	8	0	19
FY 16-17	4	5	6	0	7	0	22
FY 15-16	3	4	7	0	5	0	19
Type Totals	10	10	20	0	20	0	60

The number of deficiencies identified during site inspections the past three years has remained fairly consistent. Three of the 19 construction site deficiencies observed in FY17-18 were found at the 152-acre AC2 (now named Apple Park) site with the remainder being at other hillside sites, high priority sites and sites disturbing 1 acre or more.

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 Division Program Manager participates in SCVURPPP's Construction AHTG and the Public Works Engineering Inspector and other Environmental Programs staff attended SCVURPPP's annual construction site inspection workshop in February 2018.

The City has one Public Works Engineering Inspector to oversee construction sites determined by the City to be a potential threat to water quality. He conducts inspections with multiple site visits per month at C.3 regulated project sites, hillside sites, high priority sites, and sites disturbing one acre or more of land which must comply with the State's General Construction permit. He enters his inspections and any site where a deficiency is identified, 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.

In addition, Building Inspectors are trained annually on stormwater BMPs. In FY 17-18, the City Building Division issued 14,383 commercial and residential building permits. Each of these building permits required at least one inspection by a Building Inspector who was on-site and engaged in monitoring the site for stormwater pollution discharges (potential and actual) and enforcing BMP requirements concerning construction site management.

Comments from the Public Works Inspector, CPII, QSP, CESSWI:

"As a Public Works Inspector for the City of Cupertino since 1994 I have had a front row seat to the many changes and implementations that good Stormwater Management and treatment programs have had on keeping our waterways clean. This includes both in class and in the field training on a routine basis. Each year since my early introduction to "BMPs" from the "at the time" improper use of hay bales and terribly installed silt fences to where we are now has been both an eye opener and a labor of love. Fast forward 25 years later and I find that the idea of spending time and money on keeping storm water clean is both understood and widely accepted. The amount of time spent educating contractors on why compliance is so important is less and the ways in which we achieve these measures are more sophisticated. We will continually strive to become better inspectors, engineers, contractors and program managers. I can honestly say I am both impressed and proud of how far I have come and look forward to where else "keeping the bay clean" will bring those of us who are tasked with this endeavor are going as far as learning, training, teaching and of course, inspecting and recording our results."

Refer to the C.6 Construction Site Control section of the Program's FY 17-18 Annual Report for a description of activities at the Program or regional level.

C.6.f.iii ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
SCVURPPP Construction Site Stormwater Inspection Workshop held in Cupertino	2/20/18	Construction site BMPs and MRP requirements, SCVWD contact resources, group exercises on wattles, turbidity, pH, storm drain inlet protection, erosion and sediment control BMPs.	4 Cupertino staff attended- two inspectors

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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:

The following separate reports developed by SCVURPPP summarize countywide efforts conducted during FY 17-18:

- **FY 17-18 Watershed Watch Campaign Annual Campaign Report**
- **FY 17-18 Watershed Watch Partner Report**
- **FY 17-18 Watershed Watch Web Statistics Report**

These reports are included within the C.7 Public Information and Outreach section of the SCVURPPP FY 17-18 Annual Report.

City of Cupertino Campaigns are as follows:

• **GreenBiz Program:** As part of the City's GreenBiz program, 1 Cupertino business was newly certified and 15 businesses were re-certified as Green Businesses in FY 17-18. Currently there are 59 certified businesses total. 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 17-18, 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.

• **Utility Box Art Contest:** In FY 17-18, Cupertino continued to pilot a community environmental art program to promote a culture of conversation in Cupertino inspired by local art. During the first two phases 10 boxes were painted with environmental themes, and in FY 17-18 an additional 5 were painted with a focus on alternative transportation.

• **ReThink Disposable:** Cupertino partnered with Clean Water Fund to help food service businesses replace disposable products and reduce litter and waste from their establishments as part of their ReThink Disposable program. Four food service businesses in Cupertino began participating in this program in FY15-16. During FY16-17 Clean Water Fund won a contract to expand the program Countywide and Cupertino continued to assist that effort locally in FY17-18.

C.7.c. Stormwater Pollution Prevention Education

No change.

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

Event Details	**Description** (messages, audience)	**Evaluation of Effectiveness**
Provide event name, date, and location. Indicate if event is local, countywide or regional. **Indicate if event is public outreach or citizen involvement.**	**Identify type of event (e.g., school fair, creek clean-up, storm drain stenciling, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape presentation, pesticides, stormwater awareness)**	**Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as:** • **Success at reaching a broad spectrum of the community** • **Number of participants compared to previous years.** • **Post-event effectiveness assessment/evaluation results** • **Quantity/volume of materials cleaned up, and comparisons to previous efforts**
Name: 2017 Kids N Fun Festival Date: August 12, 2017 Location: Memorial Park, Cupertino Region: Countywide Type: Public Outreach	Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control, litter prevention, and proper disposal of HHW.	General Feedback: This is a great event for educating families with children. The event was busier than FY 17-18 and there was an increase in the number of brochures and giveaways distributed. Estimated Overall Event Attendance: 10,000 Number of Brochures/Flyers Distributed: 230 Number of Giveaways Distributed: 401 Number of Watershed Watch Discount Cards Distributed: 151 Number of kids that played the bean bag game: 518
Name: Watershed Watch “half-off” two hour Car Wash Event Date: August 23, 2017 Location: Westgate Classic Car Wash, 18560 Prospect Rd., Saratoga Region: Countywide Type: Public Outreach	Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.	General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. Estimated Overall Event Attendance: 84 Number of Brochures/Flyers Distributed: 47 Number of Watershed Watch Discount Cards Distributed: 29

Event Details	**Description** (messages, audience)	**Evaluation of Effectiveness**
Name: Watershed Watch "half-off" two hour Car Wash Event Date: September 6, 2017 Location: Delta Queen Classic Car Wash, 981 E Hamilton Avenue, Campbell Region: Countywide Type: Public Outreach	Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.	General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. Estimated Overall Event Attendance: 117 Number of Brochures/Flyers Distributed: 29 Number of Watershed Watch Discount Cards Distributed: 39
Name: Silicon Valley Fall Festival Date: 9/9/2017 Location: Memorial Park-Cupertino Region: Local Type: Public Outreach	Audience: Families with children Outreach Message: Stormwater pollution prevention, less-toxic pest control, water quality, recycling	General Feedback: This event is always very well attended by both Cupertino and non-Cupertino residents. Played trash sorting game and Environmental Jeopardy. Many adults asked questions about pest management and drought information. Estimated Overall Attendance: 8,000 - 10,000 Visitors at Booth: 200 Number of Giveaways/Brochures: The total number of brochures given away is unknown because we recommend residents to look for materials on the City website.
Name: Coastal Cleanup Day Date: 9/16/2017 Location: Calabazas Creek at Creekside Park Region: Local Type: Citizen Involvement	Type of Event: Creek cleanup Audience: Cupertino residents of all ages Outreach Message: Stormwater pollution prevention, stormwater awareness	General Feedback: This event is an excellent opportunity to inform residents about local programs and services as well as raising awareness about how much litter can be found in local creeks. Number of Volunteers: 77 Pounds of Litter Removed: 303 lbs.

Event Details	**Description** (messages, audience)	Evaluation of Effectiveness
Name: Day on the Bay Date: October 8, 2017 Location: Alviso Marina County Park Region: Countywide Type: Public Outreach	Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control, litter prevention, and mercury in fish consumption advisory.	General Feedback: This was the first year that the Program attended this event. There were a lot of families with children at the event. The bean bag game was very popular with the kids. A number of adults also played the bean bag game. Estimated Overall Event Attendance: 13,000 – 15,000 Number of Brochures/Flyers Distributed: 259 Number of Giveaways Distributed: 211 Number of Watershed Watch Discount Cards Distributed: 83 Number of kids and adults that played the bean bag game: 260
Name: Pumpkins in the Park Date: October 14, 2017 Location: Guadalupe River Park/Discovery Meadow, San Jose Region: Countywide Type: Public Outreach	Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control, litter prevention, and proper disposal of HHW.	General Feedback: This is a great event for educating families with small children. As always, the bean bag game was very popular with the kids. The Program sponsored two ZunZun assemblies at this event. Estimated Overall Event Attendance: 13,000 – 15,000 Number of Brochures/Flyers Distributed: 184 Number of Giveaways Distributed: 100 Number of Watershed Watch Discount Cards Distributed: 65 Number of kids that played the bean bag game: 400
Name: Garden Insect & Pesticide Alternatives Location: McClellan Ranch Preserve & City Hall Plaza Date(s): 10/21/17 Region: Local Type: Public Outreach	The City's naturalist set up a hands-on inspection display table at Santa Clara Valley Audubon Society's Wildlife Education Day and at Cupertino's Earth Day to familiarize children and adults with common garden insects and spiders, learn about beneficial insects, 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: 500+

Event Details	**Description** (messages, audience)	**Evaluation of Effectiveness**
Name: World Water Monitoring Day Date: 3/17/2018 Location: Blackberry Farm, Cupertino Region: Local Type: Citizen Involvement	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 Enviroscape 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. Overall Attendance: 22 people (adults and children)
Name: Santa Clara Valley Transportation Authority (VTA) World Water Day Event Date: March 27, 2018 Location: Santa Clara Valley Transportation Authority, 3311 N. 1st St., San Jose Region: Countywide; employee only event Type: Public Outreach	Audience: Employees of VTA Message: Stormwater pollution prevention and litter prevention.	General Feedback: This event was for VTA employees. As requested by VTA staff, outreach focused on litter issues. The event offered a good opportunity to reach a new audience. Estimated Overall Event Attendance: 273 Number of Brochures/Flyers Distributed: 48 Number of Giveaways Distributed: 35 Number of Watershed Watch Discount Cards Distributed: 35 Number of employees that played the bean bag game: 94
Name: Leadership 95014 Environmental Day Date: April 12, 2018 Location: McClellan Ranch Preserve, Cupertino Region: Local Type: Public outreach	Audience: Leadership 95014 participants Message: Information about how the Environmental Programs Division of Public Works and the Sustainability Division of the City Manager's Office work to protect the environment and meet various legal requirements for stormwater pollution prevention, waste reduction, and diversion from landfill. This presentation focuses on what actions these future leaders can do and support to further these endeavors.	General Feedback: The presentation was well-received. This is an event for participants in Leadership 95014, a program that teaches about various aspects of municipal government. Attendance: The 14 participants in Leadership 95014 for the 17-18 session

Event Details	**Description** (messages, audience)	Evaluation of Effectiveness
Name: Arbor Day/Earth Day Celebration Date: April 13, 2018 Location: Central Park Pavilion, 909 Kiely Blvd., Santa Clara Region: Local event targeting City of Santa Clara Elementary schools Type: Public Outreach	Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control, litter prevention, and proper disposal of HHW	General Feedback: This event is for elementary school children and their teachers. The bean bag game was very popular with the kids. Estimated Overall Event Attendance: 864 Number of Brochures/Flyers Distributed: 98 Number of Giveaways Distributed: 72 Number of Watershed Watch Discount Cards Distributed: 67 Number of kids that played the bean bag game: 256
Name: Mission College Eco Fair Date: April 19, 2018 Location: Mission College Campus, Santa Clara Region: Countywide Type: Public Outreach	Audience: Young adults, students Messages: Stormwater pollution prevention, less-toxic pest control, litter prevention, and proper disposal of HHW.	General Feedback: The event is a good place to reach young adults. Event organizers again provided the students with a questionnaire where the students could earn extra credit by visiting booths. There was an increase in the number of visitors to the booth compared to FY 16-17. Estimated Overall Event Attendance: 1,000 Number of Brochures/Flyers Distributed: 152 Number of Giveaways Distributed: 115 Number of Watershed Watch Discount Cards Distributed: 64 Number of booth visitors that played the bean bag game: 96
Name: Earth Day & Arbor Day Date: 4/21/2018 Location: Cupertino City Hall Region: Local Type: Public Outreach	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 Enviroscape demonstration, play the bean bag game, and to collect flyers. This event is an excellent opportunity to engage and educate people of all ages. 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.

Event Details	**Description** (messages, audience)	**Evaluation of Effectiveness**
Name: Fit & Fun Earth Day Fair Date: April 28, 2018 Location: Columbia Neighborhood Center, 785 Morse Ave., Sunnyvale Region: Countywide Type: Public Outreach	Audience: Families with children. Message: Stormwater pollution prevention, less-toxic pest control, litter prevention, and proper disposal of HHW.	General Feedback: This is a popular event and offers a good opportunity to reach families. There was reduction in the number of kids that played the bean bag game this year. Estimated Overall Event Attendance: 2,000 Number of Brochures/Flyers Distributed: 72 Number of Giveaways Distributed: 83 Number of Watershed Watch Discount Cards Distributed: 62 Number of kids that played the bean bag game: 121
Name: Don Callejon Spring Fling Carnival Date: May 18, 2018 Location: Don Callejon School, 4176 Lick Mill Blvd., Santa Clara Region: Countywide Type: Public Outreach	Audience: Families with children. Messages: Stormwater pollution prevention, less-toxic pest control, and litter prevention	General Feedback: This was the first year that the Program attended this event. The event was held at a school and offered a good opportunity to reach students and their families. Estimated Overall Event Attendance: 1,000 Number of Brochures/Flyers Distributed: 40 Number of Giveaways Distributed: 49 Number of Watershed Watch Discount Cards Distributed: 49 Number of kids that played the bean bag game: 218
Name: Watershed Watch “half-off” two hour Car Wash Event Date: June 6, 2018 Location: Capitol Premier Car Wash, 735 Capitol Expressway Auto Mall, San Jose Region: Countywide Type: Public Outreach	Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.	General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. Estimated Overall Event Attendance: 100 Number of Brochures/Flyers Distributed: 2 Number of Watershed Watch Discount Cards Distributed: 90

Event Details	**Description** (messages, audience)	**Evaluation of Effectiveness**
Name: Watershed Watch "half-off" two hour Car Wash Event Date: June 13, 2018 Location: Robertsville Classic Car Wash, 5005 Almaden Exp., San Jose Region: Countywide Type: Public Outreach	Audience: Car wash customers Messages: Stormwater pollution prevention and proper car washing.	General Feedback: The event was well attended. It is an annual Watershed Watch event and offers a good opportunity to reach car wash customers. Estimated Overall Event Attendance: 131 Number of Brochures/Flyers Distributed: 0 Number of Watershed Watch Discount Cards Distributed: 30
Name: National River Cleanup Day Date: 5/19/18 Location: Calabazas Creek at Creekside Park, Cupertino and various locations throughout the County Region: Local and Countywide Type: Citizen Involvement	Type of Event: Creek cleanup Audience: Cupertino residents of all ages Outreach Message: Stormwater pollution prevention, stormwater awareness Description: The Creek Connections Action Group coordinated the National Rivers Cleanup Day on May 19, 2018. The Program provided funding for National Rivers Clean-up Day advertising.	General Feedback: Participants become aware of how much litter can be found in local creeks and this event is an excellent opportunity to inform residents on local free programs and services. Number of Volunteers: 59 Litter removed: 214 lbs. Countywide on National River Cleanup Day, a total of 1,354 volunteers participated in cleaning 45 sites and removed approximately 47,353 pounds of trash and 2,084 pounds of recyclables from creeks.
Name: Public Works Day Date: 5/22/18 Location: Cupertino Service Center Region: Local Type: Public Outreach	Type of Event: community event Audience: Cupertino employees & City Council Outreach Message: Stormwater pollution, waste sorting, City programs	General Feedback: City staff educated City Council and other City division staff on stormwater pollution prevention, waste sorting, and other City programs/services. Attendees played the bean bag game with staff and asked questions about the displayed Enviroscape. Estimated Overall Attendance: 200 Number of people who played: 30

Event Details	**Description** (messages, audience)	**Evaluation of Effectiveness**
Name: Habitat Restoration Project Dates: Throughout the year Location: McClellan Ranch Preserve and Blackberry Farm in Cupertino Region: Local Type: Citizen involvement	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.	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. Overall Attendance: 59 events with 363 youth (college age or younger) and 266 adult participants.
Name: De Anza & Foothill College Fieldtrips Dates: Throughout the year Location: McClellan Ranch Preserve and Blackberry Farm in Cupertino Region: Local Type: Citizen Involvement	Presentations were given to students 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 and 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: 26 fieldtrips, 542 participants
Name: Bug Club (Macroinvertebrate Study) Date(s): Once a month Location: McClellan Ranch Preserve Junior Museum, several locations along Stevens Creek Region: Local Type: Citizen Involvement	Eleventh year of an ongoing study of the macroinvertebrates (bugs) that live at the bottom of Stevens Creek.	General Feedback: Provides environmental education and an opportunity for community volunteers to be involved in citizen science. Overall Attendance: estimated 5-8 regular volunteers meet twice a month. Approximately half of the participants are youth.
Name: Water Quality Monitoring with Grassroots Ecology (formerly Acterra Stewardship) Date(s): Monthly Events Location: McClellan Ranch Preserve and several other sites along Stevens Creek in Cupertino, Sunnyvale and Mountain View Region: Local Type: Citizen Involvement	Volunteers conduct monthly monitoring of water chemistry.	General Feedback: Provides environmental education and an opportunity for community volunteers to be involved in citizen science through creek stewardship. Overall Attendance in FY17-18: 12 events total, 51 youth (college age or younger) 47 adult participants.

Event Details	**Description** (messages, audience)	**Evaluation of Effectiveness**
Name: Stewardship and Citizen Science Programs – Summer of Service Program and Gardening Without Chemicals Dates: 7/13/17, 7/14/17, 8/18/17, 9/8/17, 6/16/17, 9/20/17, 10/19/17, 11/4/17, 11/15/17, 12/16/17, 2/8/18, 2/21/18, 2/22/18, 2/24/18, 3/8/18, 3/10/18, 3/30/18, 4/17/18, 4/21/18, 5/19/18, 6/16/18 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide Type: Citizen Involvement	Description/Audience: Stewardship programs are conducted in partnership with corporate groups, schools, and not-for-profit organizations. Participations pick up trash, and work in the Refuge garden planting native plants, pulling non-native plants, and mulching. Messages: Stormwater pollution prevention, sustainable gardening, litter prevention.	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 468 attendees, including 68 elementary school students, 75 middle school students, 64 high school students, and 220 adults. The Summer of Service program reached a total of 12 attendees, including 3 middle school students, 6 high school students and 3 adults.

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 17-18, 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 17-18 Annual Report.

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
Provide the following information: **Name** **Grade or level (elementary/ middle/ high)**	**Brief description, messages, methods of outreach used**	**Provide number or participants**	**Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.**
Name : ZunZun Musical Assembly Grade or level: elementary	Interactive, musical school assemblies educating K-6 children about watersheds and pollution prevention.	12,751 students 710 of those students were reached at L.P. Collins Elementary School in Cupertino during 3 ZunZun assemblies on 3/14/18.	ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 86 completed evaluation cards from teachers. Teachers were also given the option to complete the survey online. A total of 17 teachers submitted the online survey. A few highlights of the evaluations are: • After the performance, 33 teachers reported that 100% of their students knew what a watershed was; 31 teachers

			indicated that 75% of their students knew what a watershed was; 13 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, 55 teachers indicated that 100% of their students could name a way to prevent pollution in the watershed; 30 teachers indicated that 75% of their students could name a way to prevent pollution in the watershed; 8 teachers indicated that 50% of their students could name a way to prevent pollution in the watershed; and 5 teachers indicated that 25% of their students could name a way to prevent pollution in the watershed. In addition, 20 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. In addition, a certificate of appreciation and Watershed Watch tattoos were sent to each classroom that submitted pledges.
Name: Watershed Watchers Program at Don Edwards Wildlife Refuge in Alviso Grade or level: pre-school, elementary, middle, high school.	The Refuge offers a number of interpretive programs to educate children and youth about preventing urban runoff pollution.	4 pre-kinder-garteners,766 elementary school students, 214 middle school students, and 247 high school students.	Visitor surveys and pledges are used to determine visitor demographics, effectiveness of publicity, and the effectiveness or the Watershed Watchers Program. Details are included within the Watershed Watchers Report included in Appendix 7-3 of the SCVURPPP FY 17-18 Annual Report.

Name: CLIP (Chinese Language Immersion Program) Field Trip Grade: Kindergarten Date: 1/25/18 Location: Cupertino City Hall	Type of Event: Class field trip Message: solid waste resource reduction, recycling, composting, and City services	Estimated Attendance: 72 kindergartners, 10 adults	General Feedback: Students were very excited and knowledgeable about answering questions on composting and recycling. City staff had students participate in the trash sorting game.
Name: Job Shadow Day Grade: High School Date: 3/12/18 Location: Cupertino City Hall	Type of Event: high school students visit to learn about working at City. Message: explained about meeting the regional permit requirements and solid waste diversion efforts	3 students from two high schools	General feedback: One student was particularly interested in environmental policy. Another student was interested in green infrastructure
Name: Healthy Kids Day Grade: Elementary School Date: 4/27/18 Location: Cupertino - Northwest YMCA	Type of Event: Community Event Audience: Local families Outreach Message: local programs/services, solid waste sorting, composting, free compost, volunteer opportunities, water pollution prevention, energy efficiency, water conservation, transportation	Estimated Overall Attendance: 500+ Number of kids played: 50	General Feedback: City staff educated children on Cupertino's 3 waste streams using the sorting game. Re-usable bags and LED night light were given away as prizes to the children. Parents asked questions about local programs.
Name: Cupertino 3rd Grade Education & Field Trip Program Grade Level: 3rd grade	The 3rd 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: 1774 Total Parents: 297 Total Teachers: 72 Total Overall: 2143	General Feedback: The 3rd Grade Education and Field Trip Program continues to be popular among students, educators and parents.

Name: Grassroots Ecology Youth Stewards & Nature Walk & Talks for the Community Grade: High School Location: McClellan Ranch Preserve	The Grassroots Ecology Youth Stewards are teens who met most Friday afternoons with a focus on environmental education and stewardship.	Total Students: 77	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.
Nature Camp & Summer Fun Grade Level: children 5-10 years old Dates: June, July, August 2017 Location: McClellan Ranch Preserve	Participants in five week-long sessions of Nature Camp and four week-long sessions of Summer Science take part in presentations and activities related to water quality and watershed health.	150 students and 20 staff	General Feedback: General Feedback: Camp goers enjoyed hands-on activities, nature activities, and storytelling.

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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, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation.

A year over year comparison of all pesticides applied to City-managed areas is included as Attachment C9-1.

Trends in Quantities and Types of Pesticide Active Ingredients Used[53]

Pesticide Category and Specific Pesticide Active Ingredient Used	Amount[54]					
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Organophosphates						
Active Ingredient Chlorpyrifos	0	0	0			
Active Ingredient Diazinon	0	0	0			
Active Ingredient Malathion	0	0	0			
Pyrethroids (see footnote #57 for list of active ingredients)						
Active Ingredient Type X	0	0	0			
Active Ingredient Type Y	0	0	0			
Carbamates						
Active Ingredient Carbaryl	0	0	0			
Active Ingredient Aldicarb	0	0	0			
Fipronil	0	0	0			

[53]Includes all municipal structural and landscape pesticide usage by employees and contractors.

[54]Weight or volume of the 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, lambdacyhalothrin, and permethrin.

Indoxacarb	Reporting not required in FY 15-16	0	0			
Diuron	Reporting not required in FY 15-16	0	0			
Diamides	Reporting not required in FY 15-16	0	0			
Active Ingredient Chlorantraniliprole		0	0			
Active Ingredient Cyantraniliprole		0	0			

IPM Tactics and Strategies Used:

- At McClellan Ranch Preserve "Helping Hands" volunteer group has been doing manual removal of invasive species and Grassroots Ecology has been doing mechanical removal of poison hemlock.
- MacAbee bait-free traps and Gopher X (carbon monoxide poisoning) were used at Blackberry Farm and several other parks to control gophers and squirrels.
- At BlackberryFarm Golf Course they replaced some tee-turf to get rid of the English Daisy without herbicide.
- Road medians throughout the city are being re-landscaped using drought tolerant plants and mulch to reduce water runoff and weeds.
- **See Attachment C9-1 on page 9-7 and 9-8 of this section to see the City of Cupertino's six year summary of all pesticides use on City property.**

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.	25
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	25
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%

Type of Training:

In addition to regular staff meetings where IPM methodology is conveyed, and ongoing instruction about updating practices for how to use the least amount of product possible to address pest issues, City of Cupertino staff attended the following trainings where IPM methods were addressed:

- 3/6/18 – CAPCA (California Association of Pest Control Advisors) ED CE seminar in San Ramon CA – 6 employees attended, including the division manager.
- 4/23/18 – WCISA (Western Chapter International Society of Arboriculture) Conference in Santa Rosa, CA – 3 employees attended, including the division manager.
- 5/8/18 – CAPCA Seminar (California Association of Pest Control Advisors) in San Jose: Grounds Division Supervisor attended
- 5/15/18 – PAPA (Pesticide Applicators Professional Association) Seminar in San Jose: 13 employees attended, including Grounds Division Supervisor
- 6/13/18 – PAPA Seminar in Concord, CA : 1 employee attended
- Online: University of California-IPM Urban Pesticide runoff – Trees & Right of Way Division Supervisor attended
- Online: University of California -IPM Pesticide resistance – Trees & Right of Way Division Supervisor attended
- The contracted applicator for Blackberry Farm Golf Course attended "Turf Grass IPM" at the Golf Industry Show in San Antonio in February 2018 and a 14-hour "Last Chance IPM" training in December 2017.

Annual City and Contractor IPM Training

June 28, 2018 – The Annual City and Contractor IPM Training meeting was held at the City's Service Center and City Hall. All pesticide applicator supervisors and contractors are required to attend and the City's Naturalist also participates in the discussion. Topics covered included:

- IPM methods used and instances wherein pesticides had to be employed. For instance, pear trees with fire blight that did not improve despite improvements in irrigation and pruning were treated with selective use of Potassium Phosphite.
- Discussion comparing effectiveness of various products, e.g. treating weeds using Fiesta with Iron Hedta as an alternative to Roundup given increasing concern over Glyphosate as a carcinogen.
- Discussion of the efficacy of a product for wasp control that is exempt from EPA registration.

City staff provides ongoing communication throughout the year about updating practices to use the least amount of product possible to control issues.

In addition to safety training, IPM methodology is communicated to pest management staff in regular meetings with their supervisors.

C.9.c ►Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	X	**Yes**		**No**
If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?	X	**Yes**		**No,**

If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored

The City of Cupertino employs two contractors (one for buildings and facilities and one for the golf course) who have worked for the City for more than ten years. Each contractor reports to one assigned City staff supervisor from whom they are required to obtain staff approval before applying any pesticides and with whom they have regular in-person contact. Monthly pesticide usage reports for any product applied inside or outside of City buildings are reviewed by City Environmental Division staff to provide an additional level of insurance that IPM application restrictions are continually being implemented. Contractors are contacted if the monthly report indicates that they might not be incorporating IPM techniques to the extent possible.

Each year in June the contractors attend a City staff roundtable/training meeting to discuss the successes and challenges of IPM measures they used during the current fiscal year and new methods or training that will be pursued in the upcoming fiscal year. Contractors are required to follow applicable City of Cupertino pest-specific IPM plans and report on and submit documentation describing the IPM techniques that were implemented. City supervisors check with contractors to confirm the use of IPM methods, such as monitoring for pests, taking measures to exclude specific pests without using pesticides and using other non-chemical methods.

The City of Cupertino's IPM Policy and contract specifications require that contractors follow IPM techniques, and use pesticides only as a last resort to protect the health and safety of the community. Annually each contractor signs a commitment to use IPM techniques in all of their work for the City.

The preceding practices ensure that contractors know that they are not allowed to use pesticides of concern.

If your agency did not evaluate the contractor's list of pesticides and amounts of active ingredients used, provide an explanation.

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,	X	Yes		No

If yes, summarize the communication. If no, explain. **See Section 9 of the SCVURPPP FY 17-18 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.		**Yes**	**X**	**No**
If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.				

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 17-18:

- **FY 17-18 Store Employee Training Report (SCVURPPP)**
- **FY 17-18 Store Employee Training Evaluation Summary (SCVURPPP)**
- **FY 17-18 Store Employee Training Status Table (SCVURPPP)**
- **FY 17-18 List of Stores in the IPM Store Partnership Program (SCVURPPP)**
- **FY 17-18 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 17-18 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 report, included within Section 7 of the Program's FY 17-18 Annual Report.

- **FY 17-18 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 17-18 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 17-18 Annual Report, for additional details on outreach to pest control operators:

- **FY 17-18 Watershed Watch Campaign Final Report**
- **FY 17-18 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 17-18, The City participated in regulatory processes related to pesticides through contributions to the Program, 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

Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to **Trash Full Capture Systems** (as reported C.10.b.i)	20.7%
Percent Trash Reduction in all TMAs due to **Control Measures Other than Trash Full Capture Systems** (as reported in C.10.b.ii)[55]	68.6%
Percent Trash Reduction due to **Jurisdictional-wide Source Control Actions** (as reported in C.10.b.iv)	0%
SubTotal for Above Actions	**89.3%**
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	4.4%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	0%
Total (Jurisdictional-wide) % Trash Load Reduction through FY 2017-18	**93.7%**

Discussion of Trash Load Reduction Calculation:

The City attained and reported 93.7% trash load reduction (including trash offsets) in its FY 16-17 Annual Report. During FY 17-18, the City continued to implement a robust trash control measure program, including the installation of an additional 23 inlet-based trash capture systems, which helped the City maintain its trash load reduction above the mandatory 70% trash load reduction requirement included in the MRP. The most recent version of the City's Baseline Trash Generation Map can be downloaded at http://scvurppp.org/scvurppp_2018/trash-maps/.

[55] See Appendix 10-1 for changes between 2009 and FY 17-18 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

C.10.a.ii.b ► Trash Generation Area Management - Identification of Private Drainages >10,000 ft²

State (Y/N) if your agency completed Permit Provision C.10.a.ii.b. If Yes, attach a map (or other record) or provide a website link to a map (or other record) of the location of lands >10,000 ft² (in Very High, High, and Moderate trash generation areas) that are plumbed directly to the Permittee's storm drain systems, including trash control status of these areas. If No, provide explanation of why the provision was not completed and the estimated date when the provision will be completed.

Did your agency complete Permit Provision C.10.a.ii.b?	X	**Yes**		**No**		**NA**

If No, provide explanation and estimated completion date:

Not Applicable

Description of the process used to identify applicable areas and their trash control status:

The City worked through SCVURPPP to identify the location of land areas >10,000 ft² in very high, high, and moderate trash generation areas (as depicted on the City's baseline trash generation map) that are plumbed directly to the City's MS4. In summary, applicable land areas were identified using existing data/information and a combination of desktop analyses and field visits. Land areas <10,000 ft² that are identified on the City's baseline trash generation maps or are currently treated by full capture systems were excluded from the analysis. The preliminary trash control status of these land areas were identified by conducting virtual (desktop) on-land visual trash assessments (OVTAs). For a complete description of the methods and process used to identify applicable land areas and their trash control status, please see the SCVURPPP FY 17-18 Annual Report.

URL link to Map:

http://scvurppp.org/scvurppp_2018/trash-maps/

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 17-18, during FY 17-18, 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 17-18		
Connector Pipe Screens (Public)	118	135.7
Installed in FY 17-18		
Connector Pipe Screens (Public)	23	71.0
Total for all Systems Installed To-date	**141**	**206.7**
Treatment Acreage Required by Permit (Population-based Permittees)		**64**
Total # of Systems Required by Permit (Non-population-based Permittees)		**N/A**

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

Provide the following:

1) Jurisdictional-wide trash reduction in FY 17-18 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) The percentage of systems in FY 17-18 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 in FY 17-18	Summary of Maintenance Issues and Corrective Actions
1	11.0%	141	0%	All of the City's full capture devices are connector pipe screens. Each device is inspected and vacuumed twice per year beginning in July to prepare for the rainy season and again post rainy season. Vacuum truck maintenance crews met with Engineering, Environmental and GIS staff several times in FY 15-16 to develop a tracking method for connector pipe screen blockage of 50% or more. Thus far, maintenance crews have not observed blockage to that extent. Additionally, during an unusually heavy and prolonged rainy season in FY 16-17, there were no drainage inlets in Cupertino that were blocked. With these results, the City is not planning to change its full capture system maintenance procedures. If any devices are found to be > 50% blocked at the time of inspection and cleaning, the cleaning frequency will be increased to ensure maximum efficiency.
2	7.7%			
3	0.7%			
4	1.0%			
5	0.2%			
7	0.0%			
8	0.0%			
9**	NA			
Total	**20.7%**			

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 (connector pipe screens) in a manner that meets the full capture system requirements included in the Permit.

*TMA 6 is entirely comprised of non-jurisdictional (i.e., K-12 public schools, colleges or universities) and therefore is not reported.
**TMA 9 is comprised entirely of low trash generating areas.

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
TMA 1	As standard COAs, the City required the following in this TMA: • installation of 31 full capture devices (and ongoing maintenance for each) on one private retail site which treated 9.22 acres including buildings, or 7.3 acres excluding buildings in a high trash generation area; • covered trash enclosure(s). Enforcement: Under authority of the City's Litter Prevention Ordinance in FY 17-18, two (2) re-inspection fees were issued to commercial property owners totaling $480. See description of re-inspection fee process under row for TMA 1, 2, 3, 4, 5, and 8. Also see IND Section 4 of this annual report.
TMA 2	As standard COAs, the City required the following in this TMA: • installation of 11 full capture devices (and ongoing maintenance for each) on four (4) private commercial sites which treated 3.7 acres including buildings, or 2.22 acres excluding buildings in high trash generation areas; • Three sets of trios (trash/recycling/food scrap) container sets installed on the site near the public right-of-way for pedestrian and community use. Trios are required to be maintained by the property owner in perpetuity under staff's authority to enforce the City's Litter Prevention Ordinance. Enforcement: Under authority of the City's Litter Prevention Ordinance in FY 17-18, seven (7) re-inspection fees were issued to commercial property owners totaling $1680. See description of re-inspection fee process under row for TMA 1, 2, 3, 4, 5, and 8. Also see IND Section 4 of this annual report.
TMA 3	Enforcement: Under authority of the City's Litter Prevention Ordinance in FY 17-18, three (3) re-inspection fees were issued to commercial property owners totaling $620. See description of re-inspection fee process under row for TMA 1, 2, 3, 4, 5, and 8. Also see IND Section 4 of this annual report.
TMA 4	As standard COAs, the City required the following in this TMA: • installation of 16 full capture devices (and ongoing maintenance for each) on seven (7) private commercial sites which treated 6.02 acres including buildings, or 4.62 acres excluding buildings in medium trash generation areas; • Three sets of trios (trash/recycling/food scrap) container sets installed on the site near the public right-of-way for pedestrian and community use. Trios are required to be maintained by the property owner in perpetuity under staff's authority to enforce the City's Litter Prevention Ordinance. Enforcement:

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
	Under authority of the City's Litter Prevention Ordinance in FY 17-18, four (4) re-inspection fees were issued to commercial property owners totaling $960. See description of re-inspection fee process under row for TMA 1, 2, 3, 4, 5, and 8. Also see IND Section 4 of this annual report.
TMA 5	As standard COAs, the City required the installation of 2 full capture devices (and ongoing maintenance for each) on one private retail site which treated 0.25 acres including buildings, or 0.19 acres excluding buildings in a medium trash generation area. Bi-monthly creek cleanups were conducted by City staff at the City's hot spot in this TMA. Approximately 96.9 gallons or 0.1 cubic yards of litter and trash were removed from the riparian corridor as a result of additional staff cleanups. No Smoking Ordinance in Parks adopted in 2011 (CMC 10.90.020 Smoking Prohibited) aims to reduce cigarette butt litter.
TMA 7	This TMA consists of city parks and schools and churches. It is partially treated by full capture devices within neighboring TMAs. City parks continue to be maintained multiple times per week by maintenance crews; Two (2) volunteer creek cleanup events for National River Cleanup Day and Coastal Cleanup Day were held at this hot spot in addition to the required hot spot assessment and cleanup. In FY 17-18, Approximately 312 gallons or 1.1 cubic yards of litter and trash were removed from TMA 7 as a result of additional volunteer cleanup events.
TMA 8	With the exception of approximately 12.49 Acres of multi-family residential property, this TMA is a C.3. regulated project wherein all drain inlets that connect to the City's storm drain system are treated with full capture and LID. Per Cupertino municipal code, section 9.18.115, All Regulated Projects must install full trash capture devices to collect litter and debris from their project site, prior to connecting to the City's storm drain collection system. The project which comprises most of this TMA is a new corporate campus. With the exception of the visitor center this campus is not open to the general public.
TMA 9	TMA 9 is the City's residential (single family home) green or low trash generation area. Two adjustable, retractable curb screens with an anti-littering (cigarette butt) message were installed in this TMA in FY 17-18.
TMAs 1, 2, 3, 4, 5, 7, and 8	**Anti-littering enforcement**: Litter Prevention ordinance 9.18.215(effective March 2013) requires private commercial property owners to permanently maintain a litter-free site, including parking lots and sidewalks at the perimeter of their property. City staff enforce compliance during IND inspections and in response to reports from the public and agency staff. Re-inspection fees are charged for each staff visit to verify compliance after the initial inspection. One inspection per year is conducted at no charge. At the beginning of the fiscal year, courtesy letters are sent to property owners that will be inspected to notify them that their

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
	commercial site will be inspected and any deficiencies that cannot be resolved while the inspector is on site will result in a $240 re-inspection fee to cover the cost of the inspector's time.
TMAs 5 and 7	**On-land Cleanup:** Additional cleanups were conducted at the City's two hotspots. The hotspot on Calabazas Creek is cleaned during the required assessment and then twice more during popular volunteer events in May and September. Stevens Creek was being cleaned by staff monthly until FY 17-18, when trash and litter reduction had been noticeably reduced and bi-monthly cleanups were deemed sufficient.
TMAs 1, 2, 3, 4, 5, 7, and 8	**Other Types of Actions:** Required trash full capture devices on all drain inlets that connect to the City's storm drain system at all commercial development project sites. Compliance is re-checked during C.3 O&M inspections & IND inspections. In FY 17-18 a total of 60 trash full capture devices were installed on 13 redevelopment project sites in TMA's 1, 2, 4, and 5 due to Environmental staff's review and conditions of approval for building permit applications.
TMAs 1, 2, 3, 4, 5, and 7	**Improved Trash Bin/Container Management:** The City mandates commercial redevelopment project owners and new businesses to permanently install and maintain outdoor public waste/recycling/organics "trios" to provide convenient disposal for pedestrians. (CMC 9.18.215)
TMAs 1, 2, 3, 4, 5, and 7	**Street Sweeping:** Street sweeping was conducted weekly in all retail and commercial areas (high and medium trash generation areas).
TMAs 3, 7, and 9	**Partial Capture Devices:** Ten adjustable, retractable curb inlet screens with an anti-cigarette message and image were added in FY 17-18. Seven in TMA 3, two in TMA 9, and 1 in TMA 7, were added to the 60 that the City had installed in previous years.
TMAs 1, 2, 3, 4, 5 and 7	**Uncovered Loads**: Through an exclusive garbage and recycle hauling agreement initiated in FY 10-11, 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.
All TMAs	**Storm Drain Inlet Cleaning:** All inlets are cleaned at least annually.

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 or acres 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 17-18 attributable to trash management actions other than full capture systems implemented in each TMA; OR
3) Indicate that no on-land visual assessments were performed.

If no on-land visual assessments were performed, check here **and state why:**	X	**Explanation: No OVTAs were conducted in TMA #9** in FY 17/18 because the entire TMA is a low trash generation area and therefore no additional/enhanced other control measures are planned.

TMA ID* or (*as applicable)* Control Measure Area	**Total Street Miles[56] Available for Assessment**	**Summary of On-land Visual Assessments[57]**			**Jurisdictional-wide Reduction (%)**
		Street Miles Assessed	**% of Available Street Miles Assessed**	**Avg. # of Assessments Conducted at Each Site[58, 59]**	
1	1.58	0.69	43.3%	4.5	20.4%
2	0.58	0.36	62.5%	5.0	7.8%
3	0.69	0.30	43.9%	3.5	6.7%
4	4.55	1.81	39.8%	5.6	14.2%
5	1.52	0.62	40.8%	5.7	4.4%
7	4.53	1.25	27.5%	6.0	7.6%
8	2.00	0.52	25.9%	3.7	7.5%
9**	0.00	NA	NA	NA	NA

[56] Street miles are defined as the street lengths and do not include curbs associated with medians.
[57] Assessments conducted between July 2016 and July 2018 are assumed to be representative of trash levels in FY 17-18 and were therefore used to calculate the jurisdictional-wide reductions reported in this section.
[58] Each assessment site is roughly 1,000 feet in length.
[59] Based on analyses conducted as part of the BASMAA *Tracking California's Trash* project (BASMAA 2017) funded by the State Water Resources Control Board, the optimal number of assessment events to detect an improvement from baseline trash levels at a site is between 4 and 6 per site.

Total	**5.55**	**-**	**-**	**68.6%**

*TMA 6 is entirely comprised of non-jurisdictional (i.e., K-12 public schools, colleges or universities) and therefore is not reported.
**TMA 9 is comprised entirely of low trash generating areas.

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 estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction
Single Use Bag Ordinance	City of Cupertino banned free distribution of plastic shopping bags (Oct 1, 2013). (www.cupertino.org/ Municipal Code 9.17.)	The City's enforcement is accomplished annual through IND inspections, reports from the public and reports from agency staff who are trained to watch for violations. One violation of the City's ordinance was reported by the public in FY 17-18, but upon investigation by the City's stormwater inspector the report was determined to be unfounded.	According to the BASMAA "San Francisco Bay Area Stormwater Trash Generation Rates" report finalized on June 20, 2014, single use carryout bags contribute about 8% of the total litter loading to local receiving waters by municipal stormwater. Results from the SCVURPPP Study which characterized trash in full 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. 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	5.8% City is not claiming this credit

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 estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.

			from the City's stormwater conveyance system.	
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's enforcement is accomplished through annual IND inspections, reports from the public, and reports from agency staff who are trained to watch for violations. Two businesses were found to be using foam containers in FY 17-18: Curry House on February 20, (reported by agency staff) and Beijing Duck House on February 25 (reported by public). Both incidents were followed up by the City's stormwater inspector who required each business to stop using foam food ware immediately. Staff will discuss treating single use bag and foam ware ordinance violations as IDDE violations. The effect would be that a business would incur a stormwater re-inspection fee of $240 if the business was found using foam ware after being told to stop.	According to the BASMAA "San Francisco Bay Area Stormwater Trash Generation Rates" report finalized on June 20, 2014, expanded polystyrene food service ware contributes about 6% of the total litter loading to local receiving waters by municipal stormwater. Results from the SCVURPPP Study (FY 15-16 countywide study), which characterized trash in full 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. 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 4.4% (i.e., 74% x 6%) reduction of trash discharged from the City's stormwater conveyance system.	4.4% City is not claiming this credit

C.10.b.v ► Trash Reduction – Receiving Water Monitoring

Report on the progress of developing and testing your agency's trash receiving water monitoring program.

In FY 17-18, the City began implementing the BASMAA regional Trash Monitoring Program Plan that was approved by the Water Board's Executive Officer. Implementation included preparing for and conducting qualitative assessments and quantitative monitoring in receiving water locations within the City of Cupertino. Implementation occurred through both the City's own efforts and via participation in the Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP). Additional information on accomplishments in FY 17-18 can be found in the Trash Receiving Water Monitoring Progress Report included in the SCVURPPP FY 17-18 Annual Report.

SCVURPPP organized several field trainings for staff responsible for conducting receiving water trash monitoring (RWTM). Following the approval of the Trash Monitoring Plan by the Water Board EO, Cupertino's environmental staff participated in field training on March 13, 2018 at Guadalupe River near Woz Way, San José,

C.10.c ► Trash Hot Spot Cleanups

Provide the FY 17-18 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 17-18.

Trash Hot Spot	New Site in FY 17-18 (Y/N)	FY 17-18 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
CUO01	N	8/2/2017	0.1	0.1	0.3	0.6	1.1
CUO02	N	7/27/2017	0.1	0.3	0.1	0.1	0.02

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), baseline trash generation maps, control measures, or time schedules identified in your plan. Indicate whether your baseline trash generation map was revised and if so what information was collected to support the revision. If your baseline trash generation map was revised, attach it to your Annual Report.

Description of Significant Revision	Associated TMA
No new significant changes have been made to the City's Long Term Trash Load Reduction Plan. The City's baseline trash generation map has not been revised.	All TMAs

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 17-18. 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 17-18	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	The City cleans one of its hotspots, on Calabazas Creek, two additional times per year, and five additional times per year (bi-monthly) at its hotspot on Stevens Creek. Prior to FY 17-18, City staff had cleaned the hotspot on Stevens Creek every month to monitor litter from graffiti activity in tunnels upstream of the site. The site had improved to where bi-monthly cleanups were sufficient. The trash was collected and the volume was calculated using 5-gallon buckets.	10	4.4%
Direct Trash Discharge Controls (Max 15% Offset)	NA	NA	NA

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Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 17-18. [60]

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 17-18 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 17-18 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		
1	15	66	155	0	236	76	60	101	0	236	11.0%	190	46	0	0	236	20.4%	31.5%
2	3	0	81	0	84	42	0	42	0	84	7.7%	76	7	1	0	84	7.8%	15.4%
3	56	45	32	0	133	60	45	28	0	133	0.7%	112	22	0	0	133	6.7%	7.4%
4	9	322	3	0	334	31	301	3	0	334	1.0%	312	22	0	0	334	14.2%	15.2%
5	78	92	3	0	173	81	90	2	0	173	0.2%	165	8	0	0	173	4.4%	4.7%
7	48	186	0	0	234	48	186	0	0	234	0.0%	202	32	0	0	234	7.6%	7.6%
8	3	228	0	0	231	3	228	0	0	231	0.0%	154	76	0	0	231	7.5%	7.5%
9	5,225	0	0	0	5,225	5,225	0	0	0	5,225	NA	5,225	0	0	0	5,225	NA	NA
Totals	**5,437**	**939**	**274**	**0**	**6,650**	**5,567**	**908**	**176**	**0**	**6,650**	**20.7%**	**6,436**	**214**	**1**	**0**	**6,650**	**68.6%**	**89.3%**

Note: "NA" indicates that the TMA has no moderate, high or very high trash generating areas (i.e., all low trash generation and/or non-jurisdictional) and therefore no additional trash control measures are needed.

[60] Due to rounding, total acres and percentages presented in this table may be slightly different than the sum of the acres/percentages in the corresponding rows/columns (e.g., differ by 1 acre or 0.1%).

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Section 11 - Provision C.11 Mercury Controls

C.11.a ► Implement Control Measures to Achieve Mercury Load Reductions
C.11.b ► Assess Mercury Load Reductions from Stormwater

Summary:

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 2017-2018, a total of 7 pounds of mercury devices, 417 pounds of florescent tubes and compact fluorescent bulbs, and 623 pounds of batteries were collected through this popular door-to-door program. The cost of this collection program is paid by residents through their quarterly garbage and recycling bill. In FY 17-18, single-family homeowners paid a fee of $0.52 cents per month and apartment owners paid $0.40 per month for this service. Since the City's HHW program is door-to-door, vehicle based collection, the quantity of materials is at times limited. The City has negotiated with the service provider, Waste Management Inc., to collect multiple bags of materials to accommodate specific need and to have unlimited weekly collection until all material is taken.

There are however, times when certain types of HHW materials cannot be collected by the door-to-door truck, such as unknown or unlabeled chemicals, or other materials such as liquid mercury. The City provides supplemental funding to Santa Clara County's Household Hazardous Waste drop off 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. By continuing the partnership with the County, it 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 17-18, the County's HHW Program served a total of 34,434 Santa Clara County residents and collected a total of 2,892,350 pounds of hazardous waste which was managed safely and legally. In addition, the County's CESQG program served 360 small business drop-off's including local governments and community donation centers such as Goodwill Industries and the Salvation Army. The CESQG program brochure is also mailed out with the annual IND letters and during the IND inspections, brochures are also provided to identify a resource for mercury containing universal waste disposal options. In addition to the County's HHW drop-offs, there are 29 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 17-18 included:

- Total fluorescent lamps collected—229,109 pounds
- Total household batteries collected—197,725 pounds
- Elemental Mercury—450 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 also offers residents options to dispose of mercury containing products. Cupertino residents are encouraged to place household batteries and CFLs in a clear, sealed plastic bag on top of their curbside recycling containers for pickup on their regularly scheduled waste and recycling

collection day. The City and Recology also annually host quarterly free Universal waste drop-off events at De Anza College in Cupertino to encourage residents to drop-off used fluorescent bulbs, U-Waste and E-Waste for recycling.

Mercury containing products collected at these City events include:

- Total fluorescent lamps collected: 1,321 pounds
- Total household batteries collected: 4,526 pounds
- Total e-Waste collected: 21.5 tons
- Elemental Mercury - un-documented amount (included thermostats, thermometers and other similar products)

See the Program's FY 2017-18 Annual Report for updated information on:

- Documentation of mercury control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology[57] was used to calculate the mercury load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated mercury load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess mercury load reductions in the subsequent permit.

C.11.c ► Plan and Implement Green Infrastructure to Reduce Mercury Loads

See the Program's FY 2017-18 Annual Report for information on the quantitative relationship between green infrastructure implementation and mercury load reductions, including all data used and a full description of models and model inputs relied on to establish this relationship.

C.11.e ► Implement a Risk Reduction Program

A summary of Program and regional accomplishments for this sub-provision are included in the Program's FY 2017-18 Annual Report.

[57]BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

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

See the Program's FY 2017-18 Annual Report for:

- Documentation of PCBs control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology[58] was used to calculate the PCBs load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated PCBs load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess PCBs load reductions in the subsequent permit.

C.12.c ► Plan and Implement Green Infrastructure to Reduce PCBs Loads

See the Program's FY 2017-18 Annual Report for information on the quantitative relationship between green infrastructure implementation and PCBs load reductions, including all data used and a full description of models and model inputs relied on to establish this relationship.

C.12.e ► Evaluate PCBs Presence in Caulks/Sealants Used in Storm Drain or Roadway Infrastructure in Public Rights-of-Way

A summary of Program and regional accomplishments for this sub-provision is included in the Program's FY 2017-18 Annual Report.

[58]BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

C.12.f ►Manage PCB-Containing Materials and Wastes During Building Demolition Activities So That PCBs Do Not Enter Municipal Storm Drains

A summary of Program and regional accomplishments for this sub-provision is included in the C.12 PCBs Controls section of Program's FY 2017-18 Annual Report.

Does your agency plan to seek exemption from this requirement?		**Yes**	X	**No**

C.12.g.►Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins

A summary of Program and regional accomplishments for this sub-provision are included in the Program's FY 2017-18 Annual Report.

C.12.h ►Implement a Risk Reduction Program

A summary of Program and regional accomplishments for this sub-provision are included in the Program's FY 2017-18 Annual Report.

As part of the on-going dialogue and training with the Building Inspectors, the Program Manager and Specialist include discussion during the annual IND inspection training concerning sediment tracking from construction and demolition sites as it relates to PCBs and other POCs. The same discussion is included during the annual training with all Service Center staff and the on-call/after-hours staff to be cognizant of sediment tracking from any City facility and also any sites they may observe as they travel throughout the City.

The City is an active participant in the SCVURPPP POC Ad Hoc Task Group. Information learned from this working group is shared with the building inspectors concerning their recognition of PCB and mercury containing products and equipment such as caulking, mastics, insulations, old electrical equipment and facilities, and automotive repair facilities that may have residual mercury that can be tracked to areas where runoff may occur. The inspectors are trained to contact the City's IND/IDDE inspector for follow up on any actual or potential discharges they may encounter.

The Program Manager and Specialist have attended the stakeholder meetings for the BASMAA project: Priority PCBs Containing Materials Before Building Demolition. The City is currently in the process of working with a consultant to revise and streamline the construction and demolition (C&D) recycling program for residential and non-residential buildings. The new C&D recycling plan and report will contain the requirement to identify the year and type of structure being demolished and certification pursuant to the BASMAA protocol that any PCBs identified above the established 50 ppm have been appropriately remediated.

Section 13 - Provision C.13 Copper Controls

C.13.a.iii.(3) ►Manage Waste Generated from Cleaning and Treating of Copper Architectural Features

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:

The City has a municipal code prohibition of copper roofing related materials and ornamental copper for exterior use where oxidation and runoff may occur. New construction and remodeling plan review staff in the Planning, Building, Public Works Development, and Environmental Programs Divisions are all trained in the municipal code prohibition of architectural copper applications. The City developed standard Conditions of Approval (COA) specifically prohibiting the installation and use of copper roofs, gutters, downspouts, and other architectural features. Project applicants are provided with the COA and must sign their acknowledgement of the copper restrictions. In cases where copper was installed prior to municipal code or MRP regulation, the City works with the property owner to remove or replace the copper with an alternative material. If that cannot be accomplished, the City requires the copper to be properly coated and sealed to ensure the copper is appropriately weatherized to prohibit discharging during rain events. Installation of drainage from copper materials to a stormwater treatment facility such as an infiltration device/structure is also considered as a potential method of mitigation.

For situations where there is a discharge from cleaning or treating copper architectural features, the City's IND/IDDE Inspector will investigate the discharge in accordance with the IND/IDDE ERP. In FY 17-18 there were no such discharges reported.

C.13.b.iii.(3) ►Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals

Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.

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 identifying the sources of copper runoff and discharges (e.g. pool, spa, fountain, brake/wheel cleaning) encouraging copper containing water discharges to landscaped areas with sufficient capacity to absorb all released water, taking care to prevent overflow. For instances where there is a pool or spa that needs to be drained, residents are instructed if the property lacks landscaped areas or the landscaping is of insufficient size, they are instructed to contact the Cupertino Sanitary District to obtain permission to discharge the water to the sanitary line clean out.

In FY 17-18, there were three reported IDDE discharges of pool water from residential properties as follows:

- Hillside resident was having pool repair work done and the contractor performing the work drained the pool water down the hillside which accumulated in a down slope residents' back yard. Level 1 Verbal warning- no discharge to the MS4.
- Resident was draining his pool to the street which was observed by the inspector during normal neighborhood surveillance. Some water reached the MS4. Level 2 NOV issued.
- Pool contractor used a hose to drain a pool to the gutter which discharged water to the MS4. Level 4 Administrative Citation issued.

In each case education was provided in conjunction with the written/verbal admonishment.

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:

The City of Cupertino does not currently 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, maintenance (car wash), or garden center/golf course facilities that conduct repairs or sell/use products that are potential sources of copper pollution. In FY 17-18, a total of 24 of these facilities that have the potential for a presence of copper effluent/discharges were inspected through the IND program as follows:

- 1 golf course (ponds, water features, pesticide use)
- 2 car washes (brake dust contaminated wash water)
- 2 nurseries/garden centers (liquid copper pesticide)
- 19 automotive repair facilities (brake parts/dust, switches, lighting)

Of the 24 facilities inspected, there was one threatened copper discharges found during the inspections. One auto repair business was found with a worn brake pad left in the exterior parking/storage area. It was not raining and the pad was left on an unpaved landscaped area. 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 FY17-18, 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 continues its partnership 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 two City facilities along Stevens Creek (Blackberry Farm Recreational Area and McClellan Ranch Preserve) removing invasive vegetation and re-planting native plants. Volunteers add mulch to the landscape to prevent pests and invasive weeds. Native plant seeds are collected during these events for later use. 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 typical 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, Parks Supervisor, and the City's facilities pest control contractor and golf course superintendent contractor sign and agree to follow the City's Integrated Pest Management Policy. The annual meeting is also a round table discussion of practices that worked over the past year and new IPM methods that they'd like to try in the upcoming year. This commitment to use natural pest control methods, pesticides only as a last resort, and least-toxic pest control available, 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.

Composting

Between March and October the City provides free compost to residents on Friday and Saturday mornings. Cupertino residents are offered OMRI certified compost for their home gardening use. Compost helps reduce the amount of chemical pesticides needed for residential landscaping and maintains moisture leading to less watering and potentially, less run off from overwatering. Residents also have the opportunity to attend free home composting workshops hosted by the County. After attending a workshop Cupertino residents qualify for a free home composting bin from the City to create their own compost generated from yard trimmings and food scraps.

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) Landscape Rebate Program on the City website and at local events. The City contributes an additional $1.00 per square foot to the Water District's rebate for Cupertino residents who replace their lawn with approved drought tolerant plants listed in SCVWD's Plant List.

Turf replacement and demonstration garden

In FY 16-17, the City replaced 19,808 square feet of turf (11,855 SF) and ivy (7,953 SF) in the Civic Center Plaza with drought tolerant, native plant demonstration gardens bordered by pervious pathways, significantly reducing water use, irrigation overspray, and runoff. In FY 17-18, the project continued and seating was installed under the tree canopies. Educational signage is planned for FY 18-19 which will contain information on low water use landscaping, consequences of run-off, and IPM messaging.

South Bay Green Gardens website

The City continues to support and be an active participant in the development of the South Bay Green Gardens website (formerly Bay Area Eco Gardens). This website promotes, sustainable, low impact landscaping and is a comprehensive resource for residents, businesses, and professional landscapers. Water quality and integrated pest management BMPs are promoted as a preferred alternative to conventional landscaping practices.

Promotion of outreach messages to encourage appropriate watering/irrigation practices

The City does not permit landscape irrigation runoff. One particular piece of outreach material used by City staff for information on best practices for water is the 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. Cupertino supported, promoted, and hosted a SCVWD "Laundry to Landscape" workshop in April 2018 and promoted the SCVWD's Green Gardener classes in fall of 2017.

Enforcement Response Plan for irrigation runoff and planned fire safety test discharges

The City does not permit non-stormwater discharges to enter the storm drain system, including large volume landscape irrigation runoff. The municipal code regulates landscape irrigation runoff and enforcement is conducted through the City's IDDE program. Discharging high volume landscape irrigation runoff is a violation for the water discharge, but also includes scouring and sediment that transport nutrients and other POCs found in roadways and other hardscaped areas to the storm drain system. IDDE inspectors pursue resolution of the discharge with the property owners and property managers in both residential and commercial settings consistent with the IND/IDDE Enforcement Response Plan. These

discharges are tracked in the IDDE database. In addition to the discharge violation for irrigation runoff, property owners/managers are also educated on water conservation best practices. An educational door hanger is used for incidents of smaller, residential landscape overspray where water is observed in the gutter, but the specific source of the discharge is not able to be positively identified for direct follow up. Door hangers are left by the IND/IDDE inspector at residences in the vicinity of the wet gutter.

The City partners with the Santa Clara County Fire Department to prevent planned fire sprinkler testing flows from getting into the storm drainage system where large volume water discharges are necessary 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. The Fire Department will not schedule a fire sprinkler test until the contractor has filed the required report with the City. 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 the capture of discharged water or diversion of the flow to landscape is performed. This approach also provides an opportunity for the IDDE inspector to educate the fire protection contractor industry about capturing this water for higher uses, such as construction site dust control and about discharge prohibitions region wide.

Vehicle washing

The City continues to provide the brochure "Clean Cars and Clean Streets" at various outreach events. The brochure recommends car washing at a commercial car wash and provides pollution prevention practices for car washing at home. The Watershed Watch campaign has again this year, partnered with commercial car wash chains in Santa Clara County to offer discounted car wash packages. The City actively offers these discount cards at outreach events.

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