

CITY OF CUPERTINO

Urban Runoff Management Program



Annual Report FY 2010-2011



PUBLIC WORKS DEPARTMENT

Timm Borden, Director

CITY HALL

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September 15, 2011

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 Urban Runoff Management Program
FY 2010-2011 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with appendices is submitted by the City of Cupertino, in conjunction with the Santa Clara Valley Urban Runoff Pollution Prevention Program's Annual Report, pursuant to Permit Provision C.16.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2009-0074, NPDES Permit No CAS612008, issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of activities conducted during FY 2010-2011 and consists of the following:

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

Program Highlights and Accomplishments

In addition to implementing and adhering to the requirements of the MRP, the City of Cupertino demonstrated its commitment to managing stormwater discharges by taking a holistic approach and considering stormwater quality impacts and benefits in the following City operations, plans and goals.

Approval of Stevens Creek Corridor Project Phase II

The City was notified in May 2011 that approximately \$850,000 in funding would likely be awarded to the City by the Santa Clara Valley Water District (under the District's "Environmental Enhancement Implementation" grant program) for the *Stevens Creek Corridor Project*, Phase II. On May 17th, 2011, the City Council approved proceeding with the Phase II project design. Construction is expected to begin in FY 12-13.

A primary goal of the *Stevens Creek Corridor Project* is to support and enhance natural hydrologic processes and improve wildlife and habitat conditions. Protection of water quality was essential to the project design, which aims to eliminate site runoff to the creek by directing all rain and other discharges to water native plantings. Phase I of the project resulted in removal of approximately 3.4 acres of impervious surface. Formerly, an asphalt entry and parking lot extended to the edge of the Stevens Creek channel. There were no trees, plantings, or shade, nor opportunities for infiltration; runoff from the parking lot discharged to the creek. The new entry drive is lined with big-leaf maple trees, a species native to the creek corridor, and leads to a pervious parking area with extensive plantings and several landscaped detention/infiltration areas. The former parking lot is now the entry way to 2,250 feet of restored creek and 6 acres of new habitat designed with locally-native plant species.

Municipal Operations Public Works

The City's Water Efficient Landscaping ordinance, 14.15, requires all sites reduce water waste in landscaping by utilizing regionally-appropriate plants requiring minimal irrigation and by establishing irrigation efficiency. The City has set an example of water use reduction by replacing 92 irrigation controllers with evapo-transpirative weather-based controllers anticipated to achieve significant cost savings for the City as well as reduce unnecessary runoff.

The City completed and trained municipal staff (in March 2011) on *Cityworks*, an electronic GIS-integrated asset management work order system that will be used by Public Works Maintenance staff during inspection and cleaning of storm drains. Maintenance staff will be able to record three types of material removed from the stormwater conveyance system (mud/rock, litter/debris and leaves/vegetation). Storm drain maintenance staff began using laptops in the field to update *Cityworks* and ensure that new unique identifying labels for storm drain structures match existing storm drain maps. Additionally, a GIS map with unique identifiers and outfall checkpoint locations was created to help the City's IDDE Inspector track the annual inspection results for the City's eleven collection system screening checkpoints.

Public Education, Community Participation & Volunteer Water Monitoring

On Saturday, June 4, 2011, Cupertino's City Manager chose to give an Enviroscope presentation to students, parents and siblings (an audience of approximately 250) at Faria Elementary School's Career Day. Faria's goal for Career Day is to "expose elementary school students and their siblings to a variety of professions, and for them to gain an appreciation for the training and effort required to be successful in those fields." The City Manager was pleasantly surprised to learn that many of the young audience were knowledgeable about water

quality impacts, storm drain concepts and illegal discharges to a point that they could have given the presentation to peers and parents. It is the City of Cupertino's stormwater public education policy to focus on youth and students, engage them in discussion and activities and to support this population in carrying stormwater messages to their homes, classrooms, peers and ultimately to their colleagues and the general public.

The City of Cupertino partnered with the Stevens and Permanente Creeks Watershed Council (SPCWC), the Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP) and the cities of Mountain View and Sunnyvale in the preparation of a grant application to implement the SPCWC's Volunteer Monitoring Outreach Program (VMOP). In hopeful anticipation of the project, the City of Cupertino purchased five water monitoring kits for SPCWC volunteers. The grant application was selected for funding in June 2011. Cupertino reserved Blackberry Farm (the site of the Stevens Creek restoration project) for a volunteer World Monitoring Day event on October 15th, which is expected to draw a crowd of up to 80 students and volunteers. City staff will work with volunteers at the fall event and will provide more water monitoring kits for SPCWC. SCVURPP and the partner cities will provide additional in-kind services to support SPCWC and volunteer water monitoring in FY 11-12.

Outreach and Support to Cupertino Businesses

In the spring, the City's Environmental Affairs Division developed a pilot outreach and support program for business owners who might be interested in achieving certification as a County of Santa Clara *Green Business*. The program heightens awareness of stormwater management, pollution prevention and materials management.

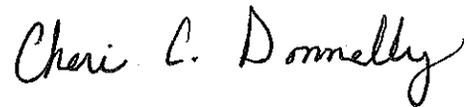
Environmental Programs staff met twice to assist Environmental Affairs staff plan and develop the pilot program and assisted in conducting site assessments at a Cupertino restaurant and a nursery. As part of the site visits City staff and the business owners discussed plans for modifications to operations and facilities that would help qualify the sites for certification and ensure the sites' compliance with stormwater regulations. The City's assessments focus on areas of potential improvement (e.g. irrigation practices, minimizing the use of toxic chemicals, managing runoff and directing flows to landscaping, decreasing impervious surface area, ensuring containment of waste and excess materials, and maintaining clean trash enclosures and surrounding areas). At the end of FY 10-11 the Cupertino restaurant and nursery met the requirements for *Green Business* certification. City staff have set a goal of reaching out to three to five businesses per month as Cupertino's *Green Business* pilot program moves forward in FY 11-12.

The City's At-Your-Door Hazardous Waste Collection Service

In addition to paying for residents to participate in the County of Santa Clara's household hazardous waste drop-off events, the City of Cupertino entered into an agreement with its franchised garbage and recycling hauler (*Recology*), and *Waste Management's At-Your-Door Special Collections*, to provide convenient door-to-door hazardous waste collection from Cupertino households (including apartment units and condominiums). The City was required to be permitted by a Certified Unified Program Agency (CUPA) to implement this program. The *At-Your-Door* service is intended to deter unsafe disposal and illegal dumping. Since its inception on November 1, 2010, the service has collected and safely disposed of 20,910.72 pounds of hazardous waste (e.g., paint, gardening chemicals, cleaning agents, fluorescent bulbs, batteries, e-waste and sharps) from 281 Cupertino households.

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

Very truly yours,

A handwritten signature in black ink that reads "Cheri C. Donnelly". The signature is written in a cursive style with a large, looped "C" at the beginning and a long, sweeping tail at the end.

Cheri Donnelly
Environmental Programs Manager
City of Cupertino

ATTACHMENT B

Table of Contents

Sections	Page
Section 0 –	
City of Cupertino Certification Statement	0-1
List of Acronyms.....	0-2
Section 1 – Permittee Information.....	1-1
Section 2 – Provision C.2 Municipal Operations	2-1
Section 3 – Provision C.3 New Development and Redevelopment	3-1
• Appendix C.3: Cupertino Library Swales	3-12
Section 4 – Provision C.4 Industrial and Commercial Site Controls	4-1
• Appendix C.4: IND Inspection Business Plan (FY 11-12 Inspection List)	4-7
Section 5 – Provision C.5 Illicit Discharge Detection and Elimination	5-1
Section 6 – Provision C.6 Construction Site Controls	6-1
Section 7 – Provision C.7 Public Information and Outreach	7-1
Section 8 – Provision C.8 Water Quality Monitoring	8-1
Section 9 – Provision C.9 Pesticides Toxicity Controls	9-1
• Appendix C.9: Cupertino IPM Resolution and Policy	9-6
Section 10 – Provision C.10 Trash Load Reduction	10-1
• Appendix C.10: Calabazas and Stevens Creek Trash Hot Spot Assessment Photos	10-12
Section 11 – Provision C.11 Mercury Controls	11-1
Section 12 – Provision C.12 PCBs Controls	12-1
Section 13 – Provision C.13 Copper Controls	13-1
Section 14 – Provision C.14 PBDE, Legacy Pesticides and Selenium Controls.....	14-1
Section 15 – Provision C.15 Exempted and Conditionally Exempted Discharges	15-1



CITY OF CUPERTINO FY 2010-2011 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:

Glenn Goepfert
Assistant Director of Public Works, Engineering

8-25-11

Date

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
WV	West Valley (communities)

SCVURPPP Acronyms/Abbreviations

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

SCVURPPP Acronyms/Abbreviations

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

SCVURPPP Acronyms/Abbreviations

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

SCVURPPP Acronyms/Abbreviations

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
MDDDB	Metadata Database
MDL	Most Downstream Location
MEP	Maximum Extent Practicable
Mercury Plan	Mercury Pollution Prevention Plan
Mg	milligram
mgd	million gallons per day
MIGR	fish migration
MOA	Memorandum of Agreement
MOFO	Morrison & Foerster
MOU	Memorandum of Understanding
MP	Monitoring Priority
MROSD	Mid-Peninsula Regional Open Space District
MRP	Municipal Regional Stormwater NPDES Permit – 10/14/2009
MYRWMP	Multi-Year Receiving Waters Monitoring Plan
NAP	Nickel Action Plan
NEMA	National Electrical Manufacturers Association
NAIOP	National Association of Industrial and Office Properties
NEPA	National Environmental Policy Act

SCVURPPP Acronyms/Abbreviations

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

SCVURPPP Acronyms/Abbreviations

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

SCVURPPP Acronyms/Abbreviations

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

SCVURPPP Acronyms/Abbreviations

WRPC	Water Resources Protection Collaborative
WVC	West Valley Communities - members of the West Valley Clean Water Program: Campbell, Los Gatos, Monte Sereno, Saratoga
WVCWP	West Valley Clean Water Program
WW	Watershed Watch
WWTP	Wastewater Treatment Plant
WY	Water Year
YSI	Youth Science Institute
Zn	Zinc

Section 1 – Permittee Information

Background Information				
Permittee Name:	Cupertino			
Population:	58,302			
NPDES Permit No.:	CAS612008			
Order Number:	R2-2009-0074			
Reporting Time Period (month/year):	July/2010 through June/2011			
Name of the Responsible Authority:	Glenn Goepfert		Title:	Assistant Director of Public Works, Engineering
Mailing Address:	10300 Torre Ave			
City:	Cupertino	Zip Code:	95014	County: Santa Clara
Telephone Number:	408-777-3354		Fax Number:	408-777-3333
E-mail Address:	GlennG@cupertino.org			
Name of the Designated Stormwater Management Program Contact (if different from above):	Cheri Donnelly		Title:	Environmental Programs Manager
Department:	Public Works			
Mailing Address:	10300 Torre Avenue			
City:	Cupertino	Zip Code:	95014	County: Santa Clara
Telephone Number:	408-777-3242		Fax Number:	408-777-3333
E-mail Address:	CheriD@cupertino.org			

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The Environmental Programs Manager and (as appropriate) additional City of Cupertino staff participated in the SCVURPPP's Municipal Operations Committee/Work Group. Please see the C.2 Municipal Operations section of the SCVURPPP FY 10-11 Annual Report for a description of activities implemented at the local level.

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

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

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

Comments:

BMPs are required contractually in all public work projects and are standard operating procedures for city personnel. Streets and Fleet staff were trained regularly on Stormwater BMPs at Division staff meetings.

Trainings:

- July 20, 2010: The Environmental Programs Manager met with the Assistant Director of Public Works, Maintenance and the Streets and Fleets Supervisor to discuss the MRP, BMPs, municipal public works operations, inspections and storm drain maintenance. This meeting resulted in the Streets & Fleets Supervisor providing regular BMP training to PW Maintenance workers as part of his weekly staff meetings. (See list of PW Maintenance staff trainings below).
- March 29 2011: An infra map *City Works* storm drain cleaning electronic work order training was held by GIS staff for PW maintenance crews, with participation by the Env P Mgr.
- June 2011: Two Corp Yard inspections were held by the engineering consultant who wrote the City's corp yard SWPPP. The PW maintenance Hazardous Materials specialist and the Non Point Source Inspector for the City's corp yard as well as the Environmental Programs Mgr participated in the inspections and were trained on proper BMPs for corp yard maintenance.

-PW Maintenance Staff Tailgate safety meeting dates and stormwater BMP training topics:

Date	Topic
7/1/2010	Vehicle and equipment fueling
7/15/2010	Paint striping and marking
7/22/2010	Baseline Storm water drainage facilities inspection and cleaning
7/29/2010	Enhanced storm drain inlet inspection and cleaning
8/12/2010	Storm drain stenciling
8/26/2010	Fiber rolls
9/9/2010	BMP regulatory background
9/23/2010	Temporary diversion ditches
9/30/2010	Emergency pothole repair
10/14/2010	General objectives of the SWPP Program
10/21/2010	Litter and debris removal
11/18/2010	Check dam
12/9/2010	Emergency pothole repair
12/16/2010	Raised pavement marker replacement and removal
1/24/2011	Stock pile management
2/10/2011	Outdoor storage of raw materials
2/17/2011	straw mulch
2/22/2011	Structural pavement failure (digouts) pavement grinding and paving
3/10/2011	Graffiti removal
3/17/2011	Silt fence
3/24/2011	Sand bag or gravel barrier
3/31/2011	Compaction

4/14/2011	Wood mulch	
4/21/2011	rip rap (rock slope protection)	
4/28/2011	Vehicle and equipment maintenance	
5/26/2011	Preservation of existing vegetation	

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

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

X	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
X	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

Per the Assistant Public Works Director for Maintenance, BMPs are required contractually in all public work projects and are standard procedures for City personnel.

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

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

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

C.2.d. ► Stormwater Pump Stations

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

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

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

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

X	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
X	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
X	Inspection of rural roads for structural integrity and prevention of impact on water quality
X	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
X	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

No repair or major maintenance was required on Cupertino's rural roads during FY 10-11. Minor maintenance consisted of vegetation control, done by hand with supervising City staff trained on rural public works BMPs and IPM practices.

The City does not have any unpaved rural roads. The combined length of paved rural roads in Cupertino is between one and two miles, including the western end of Regnart Road, west of Lindy Lane and the section of Stevens Canyon Road southwest of Ricardo Road to the City limit north of the entrance to Stevens Creek County Park. Inspection and maintenance of this limited amount of rural roadways are done as part of the City's ongoing street maintenance or on a complaint basis. The Assistant Director of Public Works, Maintenance, verified that the Rural Public Works

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.

Maintenance BMPs as noted in the City's Urban Runoff Management Plan (2004) Performance Standard for Public Streets are consistently being implemented by City staff whenever work is done in "rural" areas. The last maintenance of these roads was completed in fall 2009 by a contractor, O'Grady Paving. The City's Performance Standard BMPs for Rural Public Works were included in the contract specifications and the appropriate BMPs and City requirements were reviewed with the contractor in a pre-construction meeting with City Engineering staff.

C.2.f. ► Corporation Yard BMP Implementation

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

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

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

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

Comments:

The Water Board's C.2 annual report review table (April 2011) shows that the City of Cupertino has two (2) corporation yards. The **City of Cupertino has only one corporation yard**, which is referred to by the City as the Service Center.

The City continued to work with a stormwater engineering consultant to update the Service Center yard's map and the Service Center SWPPP which was completely rewritten in FY 09-10.

With the assistance of the Information Technology Department, Public Works implemented an automated work order system for the storm drain maintenance division. The work order system has the capability of tracking three types of debris pulled from storm drain structures; 1) mud/dirt/rock; 2) leaves/vegetative debris; 3) litter/trash. Tracking by material type recovered from the drainage system will begin in the summer of FY 11-12. The storm drain maps have been updated on the City's GIS system and all structures have been assigned a unique identifier.

If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:

Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
Cupertino Service Center	10/26/2010	8 drain inlets and media filters were cleaned and limited inspection was conducted for potential runoff issues.	No problems were observed
Cupertino Service Center	6/6/2011	8 drain inlets were cleaned and limited inspection was conducted for potential runoff issues.	No problems were observed
Cupertino Service Center	6/14/2011	<p>A few minor issues were noted at this inspection:</p> <ul style="list-style-type: none"> • Sediment on pavement (sand, stencil paint, dirt) • Leaky pieces of equipment (3) and street sweepers • Trench drains at fuel island contain 1"± of sediment • Two drain inlets were missing "No Dumping" stencils <p>Resolved issues (since FY'10-'11 inspection):</p> <ul style="list-style-type: none"> • Leaky water truck and cigarette butt problems noted previously have been resolved (cigarette butt receptacles in use) • "No Topping Off" were installed at fuel island and "Keep Dumpsters Closed" signs were installed • Stencil cleaning area is covered, tarped, and nearby inlets plugged during the 4 months the area is in use 	<ul style="list-style-type: none"> • Clean minor equipment leaks immediately and fix or move equipment • Clean fuel island trench drains by Sept. each year • Old leaky street sweepers stored at Yard will be removed and replaced w/ new state-of-the-art PM10 certified regenerative air sweepers, expected to be much cleaner and leak-free. • Add missing S/D stencils
Cupertino Service Center	6/30/2011	<p>Re-inspection performed to verify correction of minor issues noted at the 6/14/11 inspection. Findings summary:</p> <ul style="list-style-type: none"> • Due to recent heavy rain, some sediment still noted on pavement <p>Resolved issues:</p> <ul style="list-style-type: none"> • Pavement cleaning has occurred in west side of Yard • Stencils and stencil cleaning area had received additional cleaning since 6/14/11 walk-through • Several ripped sandbags had been removed and the areas cleaned • Leaky tractor moved to covered area and drips cleaned from pavement 	<ul style="list-style-type: none"> • Recommend augmenting pavement cleaning frequency to quarterly • Enhanced documentation of all stormwater quality related inspections

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

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

Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Legal Authority: A comprehensive revision of the stormwater ordinance, which began in March 2010, was delayed as IND and IDDE inspectors realized a need for language in the ordinance that would provide more specific support for those aspects of MRP compliance. The preliminary draft of the updated stormwater ordinance was sent to the City Attorney in June 2011, with the intention of presenting a first draft to City Council before the end of 2011. Although the existing ordinance (chapter 9.18, Stormwater Pollution Prevention and Watershed Protection) has outdated references to Group 1 and Group 2 projects, the existing code provides adequate legal authority to implement all of the MRP requirements for provision C.3.

C.3 Guidance for Developers: The City's Impervious surface form, on the checklist of requirements for the developer's storm water management plan (SWMP), requires project applicants to reserve 4% of a site's developable land (for permanent stormwater treatment measures) at the beginning of the design phase. Two C.3 guidance documents are provided at the City's Planning and Public Works counter and on the City's website (*Site Design and Source Control Measures* - <http://www.cupertino.org/index.aspx?page=170>) and the *Soak It Up* fact sheet, to reinforce LID concepts - (<http://www.cupertino.org/index.aspx?page=1041>). General guidance related to pest resistant landscaping & selection of site design, source control & treatment BMPs is included in the *Planning Application Form* at <http://www.cupertino.org/index.aspx?page=275> . The Public Works section of the *Planning Application Form* will be updated in fall 2011 to guide applicants through the 12-1-11 change in C.3 requirements.

CEQA and Environmental Review: The City of Cupertino has for many years considered water quality effects and mitigations in the CEQA review process. The Environmental Programs Manager and/or the Public Works Associate Engineer (responsible for reviewing all C.3 projects) are included in the review and comment process for projects that require CEQA review (including all C.3-regulated sites).

Staff Training: The City's Environmental Programs Mgr. attends the C.3 provision oversight meetings and discusses C.3 implementation with engineering and planning staff to ensure that the City is meeting requirements such as the December 1st deadline to treat 100% of the runoff required for the regulated project's drainage area with LID treatment measures (C.3.c.i) and the drop to the 5,000 sq ft threshold for special land use category projects (C.3.b.ii).

Three senior planners, the Public Works Associate Engineer responsible for reviewing all C.3 regulated projects and the Environmental Programs Manager attended the SCVURPPP C.3 workshop in June 2011.

The Public Works Inspector (responsible for construction site and O&M inspections) was trained, tested and certified as a QSP (Feb. 2-3 & 4 2011), and the Public Works Associate Engineer responsible for plan checking of land development projects was trained, tested and certified as a QSD (Feb. 2-3 & 4 2011). This training was obtained to provide the City with qualified individuals to lend knowledge and expertise to aid in the evaluation of storm water quality and erosion control measures.

Public Outreach: A copy of the City of Cupertino's standard Construction Best Management Practices (BMP) plan sheet is attached to all building permit plan sets and encroachment permits to provide information on erosion control, storm water quality and other practices to aid in the proper management of construction sites. Additionally, the Public Works Department provides guidance and check lists to aid in the production of erosion control plans and Stormwater Management Plans. See also C.3 *Guidance for Developers*, listed above.

Site Design Measures: The Public Works Department requires roof down spouts on all new buildings and significantly remodeled buildings to be released to the ground surface and be directed towards landscaped areas prior to leaving the property in question. Additionally, all projects located in hillside areas (and those properties where existing drainage pattern directs storm water towards neighboring properties) that create more than 1,000 SF of impervious surface are required to collect and detain onsite the difference between a pre- and post-construction 10 year storm of 1 hour duration. The City also requires developers and engineers to direct as much onsite drainage as possible through bio-swales, or landscaped areas, prior to being released from the site.

Source Control Measures: The City's ordinance, 9.18. 210, requires Source Control BMPs at all new development and redevelopment sites. Examples of source controls required through the project permitting and review process are:

- Subject to the authority and standards of *Cupertino Sanitary District*, covered outdoor wash areas for vehicles and equipment, swimming pools and spas, and food service equipment cleaning areas shall be plumbed to the sanitary sewer.
- All new and significantly remodeled commercial, industrial and multi-family buildings shall provide a covered enclosure, designed to prevent water runoff from the area, for trash, recycling and tallow bin storage.

The City's Water Efficient Landscaping ordinance, 14.15, requires sites to reduce water waste in landscaping by using region-appropriate (native) plants that require minimal irrigation and by establishing irrigation efficiency. Additionally the City has modeled this efficiency by replacing 92 irrigation controllers with evapo-transpirative weather based controllers, which are anticipated to achieve significant water and cost savings for the City as well as reduce unnecessary runoff.

As noted in the planning application form, if a landscaping plan is required as part of the development project application, the landscape must be designed with efficient irrigation that will reduce runoff, promote surface infiltration and minimize the use of pesticides and fertilizers.

Cupertino Municipal Code -

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

General Plan: Cupertino's General Plan was written to span the 2000 to 2020 time frame. There are numerous policies in Chapter 5, *Environmental Resources/Sustainability* related to controlling the impacts of development on local creeks and South San Francisco Bay. For detailed information, go to <http://www.cupertino.org/index.aspx?page=709>. No additional General Plan refinements were necessary in FY 10-11.

C.3.b. ► Green Streets Status Report
(All projects to be completed by December 1, 2014)

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

Summary:
The C.3 New Development and Redevelopment section of the SCVURPPP's FY 10-11 Annual Report provides a description of the activities conducted at the countywide or regional level.

Cupertino has not yet determined if it will be able to produce a qualifying green street. However, the parking lot of Cupertino's 2010 site design award winning *Stevens Creek Corridor Park and Restoration Project*, might qualify for a green street project. The City plans to pursue this possibility in FY 11-12.

The primary goals of the *Stevens Creek Corridor Park and Restoration project* were to support and enhance natural hydrologic processes, and improve wildlife and habitat values. A related goal was to reduce impervious cover. Because protection of creek water quality is essential, the design aimed to completely eliminate site runoff to the creek and use all rain and storm flows to water native plantings, or where this was not feasible, to provide bioswales and other features to encourage infiltration, detention, and evapotranspiration.

Green Street Features: The former asphalt entry led to a parking lot that was completely paved with asphalt and extended to the edge of the creek channel (approximately 3.4 acres of impervious surface). There were no trees, plantings, or shade, nor opportunities for infiltration. Runoff from the parking lot discharged to Stevens Creek. The new entry drive is lined with big-leaf maple trees, a species native to the creek corridor, and leads to a pervious parking area with extensive plantings and several landscaped detention /infiltration areas. The parking bays contain recycled plastic geocells that support vehicle weight above a layer of drain rock. The geocells are plantable and backfilled with a specially designed and engineered proprietary soil mix. Parking lot drive aisles are constructed of porous concrete, colored to match the native earth and reduce heat gain. Vegetated parking bays are planted with native grasses and meadow plants. The parking lot is the entry way to 2,250 feet of restored creek and 6 acres of new habitat designed with locally-native plant species.

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

Please see the attached table **C.3.b.v.(1)** for a list of privately owned C.3 regulated projects that were approved by the City of Cupertino in FY 10-11.

There were no Public C.3 regulated Projects approved in Cupertino in FY 10-11.

C.3.c. Low Impact Development Reporting

Cupertino's Environmental Programs Manager and Public Works Associate Engineer participated in C.3 provision oversight (C3PO) ad hoc task groups where the submittals for Biotreatment Soil Specifications, Special Projects Proposal, Feasibility/Infeasibility Criteria Report, and Green Roof Specifications were reviewed and discussed. Please see the C.3 New Development and Redevelopment section of the SCVURPPP's FY 10-11 Annual Report for a description of the activities of the C3PO and submittals made during FY 10-11.

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

(1) Please see the City's attached **C.3.h.iv.(1)** inspection reporting table.

(2) Summary of the inspection findings for the year and any common problems encountered with treatment systems and/or HM controls.

There have not been any significant problems with permanent treatment measures since a few years ago when vegetation died in bio-swales at a grocery store parking lot. This year, all C-3 regulated sites were inspected with the exception of one site (St. Jude's), which was delayed and inspected just after the end of the fiscal year, on August 10, 2011. Only one site owner received suggestions from the inspector to provide some weeding and additional vegetation in bioswales. The site was not in violation and will be inspected during the next fiscal year. To ensure Several of Cupertino's C.3 regulated projects approved in previous years have mechanical treatments installed on-site. The grocery store also has dry wells at the end of two parking lot swales.

Mechanical treatments

The mechanical units and dry wells have not yet had any maintenance problems.

Swales

The only significant problem, which the City reported in FY 09-10, of dying vegetation in bio-swales at a parking lot subject to excessive foot traffic and pavement-generated heat required several corrective measures. The City's inspection of the site if FY 10-11, verified that the swales have been successfully remediated. The vegetation in the swales continued to thrive in FY 10-11 and the swales and dry wells at the downstream end of two swales appear to be functioning well. The following remediation steps were taken during FY 09-10: the tenant hired a landscape contractor to scarify the soil, add amendments, plant heartier and more drought-tolerant shrubs (*Juncus Patens*), and convert the irrigation system to a drip system. Once this was done, a two-rail wood fence was installed on either side of the swales. In addition, the landscape contractor was hired to maintain the swales after the restoration project was complete. In July 2010, the City directed the tenant to conduct annual on-site storm drain inlet cleaning and cleaning of the downstream ends of the swales before the rainy season. The tenant hired a contractor in the summer of 2010 to clean the onsite drain inlets annually in August in addition to weekly cleaning of the swales by the landscape maintenance contractor.

An additional Public bio-swale remediation project was completed in FY 10-11 to save failing swales in the Cupertino City Hall and Library parking lot, which had been installed in FY 03-04, prior to the C.3 requirements to install permanent treatment measures. Due to high foot traffic and minimal maintenance these swales were found to not be operating properly in the winter of FY 10-11. As a result, Public Works Maintenance staff protected the drain inlet, selected heartier shrubs (*Juncus Patens*) and replanted the swales which are now thriving (See before and after photos in Appendix C.3-Cupertino Library Swales).

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

The City's Permanent Treatment O&M Verification Inspections are conducted entirely by the Public Works Inspector, who also conducts the City's construction site management inspections. He has inspected all C.3 regulated sites annually with the exception of one project (St. Jude's) which was inspected just after the end of FY 10-11 (on 8/10/11) with the assistance of the City's Associate Engineer (who is also the City's C.3 plan checker). No problems were observed and contact information was obtained for the site's new responsible party.

Property owners are responsible for maintenance of installed permanent treatments and the City requires that the property owner ensure maintenance is conducted at least annually, with documentation available to the City's Inspector upon request. Property owner contact information is logged in the City's O&M Inspection Excel database and is updated annually to facilitate the Inspector's access to the appropriate responsible party regardless of changes in ownership or tenants.

City staff noticed one flaw in the City's C.3 O&M verification program. Prior to the MRP being adopted on October 14, 2009, the Public Works Inspector was not accustomed to including initial inspections of permanent O&M treatments (observed during monthly rainy season construction site inspections) in the annual reports (nor in the C.3 O&M inspection tracking table). Therefore, the initial inspection at St Jude's was conducted on 11/6/2009 and reported for the first time in this annual report. The oversight was discovered, the inspector was consulted, and the initial inspection was reported in the C.3.h.iv. reporting table (attached).

No other improvements to the Permanent Treatment O&M Verification Inspection Program are necessary at this time.

With the City's O&M verification program being just a few years old and only three new projects added to Cupertino's list of seven existing C.3 regulated projects this fiscal year, City staff determined that it would continue to inspect all installed treatments at each completed C.3 regulated site in FY 10-11. The one exception was the St Jude's site for which an inspection was delayed, but was ultimately conducted after the end of the fiscal year on August 10, 2011. Two of the C.3 regulated projects approved in FY 09-10 were not complete as of the end of FY 09-10 so they were not inspected until FY 10-11. Only four of the private C.3 regulated projects approved in earlier years were complete by the end of FY 09-10. One project remains on indefinite hold, due to the economy and continues to be inspected as a construction site. In FY 11-12, depending on the number of new C.3 sites, the City may develop criteria for inspecting a subset of sites annually, as allowed under C.3.h. (6).

Only one Cupertino site thus far has had significant maintenance problems with installed treatment measures (the grocery parking lot swales). The City's Municipal Code helped ensure that compliance was met satisfactorily. All other permanent treatment measures on private and public projects appear to be working well.

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

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

Selection of Annual O&M Inspection Sites:

- Permanent installed treatment measures at all C.3 regulated project properties are inspected annually. The installed treatment measures are inspected by the Public Works Inspector within 45 days of being installed [and the initial inspection will be reported in that year's annual report]. The permanently installed treatment measure will be inspected annually thereafter.
- In the future, depending on the total number of C.3 regulated properties in Cupertino, the City may develop criteria for inspecting a subset of these sites, as allowed under MRP Provision C.3.h (6).

Permanent Treatment O&M Inspection Program Responsibilities

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

Permanent Treatment O&M Pre-Inspection Preparation

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

Permanent Treatment O&M Inspection and Enforcement Procedures

- Permanent treatment O&M inspection by the Public Works Inspector is conducted and results are documented in the City's permanent treatment O&M inspection Excel database.
- If any deficiency is noted, the Public Works Inspector will document it in writing. If the Inspector issues a written notice of violation, it will include the O&M inspection results, a list of corrective actions needed, and a compliance schedule. This notice will be given to the property owner/manager and compliance will be expected within ten working days of the inspection.
- The inspector will complete a follow-up inspection, noting whether all recommended maintenance activities have been completed and if any other actions are needed to ensure proper operation of the facility.
- If repairs are not undertaken or are not done properly within the time allocated in the compliance schedule, the City will begin enforcement proceedings as provided in City Code Section 9.18.190.

- Once all necessary repairs have been completed, the Public Works Inspector will note this in the City's Permanent Treatment O&M Excel spreadsheet, including the date remedial work was completed and any other pertinent information (e.g., if City intervention was required to complete corrective work).

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

Project Name Project No.	Project Location ² , Street Address	Name of Developer	Project Phase No. ³	Project Type & Description ⁴	Project Watershed ⁵	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²)	Total Replaced Impervious Surface Area (ft ²)	Total Pre- Project Impervious Surface Area ⁶ (ft ²)	Total Post- Project Impervious Surface Area ⁷ (ft ²)
Private Projects											
Amelia Court (52,546)	10231 Amelia Court	Kelly Gordon Development Corp.	N/A	Redevelopment - 3 Lot Residential Subdivision	Permanente Watershed (Stevens Creek)	0.98 AC	0.63 AC	6,018 SF	9,440 SF	9,440 SF	15,458 SF
Crystal Choir (52,535)	20900 Stevens Creek Blvd.	Union Church of Cupertino	N/A	Redevelopment – New Building and Parking	Calabazas Watershed (Calabazas Creek)	3.04 AC	0.42 AC	11,698 SF	0 SF	77,720 SF	89,418 SF
Blaney Park (52,555)	790 S. Blaney Ave. (S. Blaney Ave & Clifford Dr.)	Blaney Venture, LLC	N/A	Redevelopment – 5 Lot Residential Subdivision	Calabazas Watershed (Regnart Creek, Calabazas Creek)	0.81 AC	0.81 AC	3,723 SF	9,650 SF	9,650 SF	13,373 SF

Comments:
There were no C.3 regulated Public Projects approved in Cupertino in FY 10-11.

² Include cross streets

³ 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".

⁴ 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.

⁵ State the watershed(s) in which the Regulated Project is located. Optional but recommended: Also state the downstream watershed(s).

⁶ For redevelopment projects, state the pre-project impervious surface area.

⁷ For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Application Deemed Complete Date ⁸	Application Final Approval Date	Source Control Measures	Site Design Measures	Treatment Systems Approved ⁹	Operation & Maintenance Responsibility Mechanism ¹⁰	Hydraulic Sizing Criteria	Alternative Compliance Measures	Alternative Certification	HM Controls
Private Projects										
Amelia Court (52,546)	Submittal 9/21/09; Deemed Complete 10/27/09	Final Discretionary Approval 8/17/10	<ul style="list-style-type: none"> • Beneficial Landscaping • Outdoor Material Storage Protection • Maintenance 	<ul style="list-style-type: none"> • Minimize Impervious Surfaces. • Roof Downspouts Drain to Landscaping. • Permeable Pavement. 	<ul style="list-style-type: none"> • Underground Detention. • Flow through vegetated swales. 	O & M Agreement; Property Owners supported by Municipal Code Section 9.18 .150	Volume-Based; CASQA BMP Handbook Method C.3.d.i.(1) (b)	None	Mike Campbell, HMM, Inc., Third Party Certification	No, Project disturbed less than 1 Ac.
Crystal Choir (52,535)	Submittal 11/28/07; Deemed Complete 1/22/08	Final Discretionary Approval 6/19/09	<ul style="list-style-type: none"> • Beneficial Landscaping • Outdoor Material Storage Protection • Maintenance 	<ul style="list-style-type: none"> • Roof Downspouts Drain to Landscaping. • Permeable Pavement. 	<ul style="list-style-type: none"> • Bio-retention. • Flow through landscaped areas. 	O & M Agreement; Property Owners supported by Municipal Code Section 9.18 .150	Volume-Based; CASQA BMP Handbook Method C.3.d.i.(1) (b)	None	Jefferey Endicott, AEI CASC Consulting, Third Party Certification	No, Project disturbed less than 1 Ac.
Blaney Park (52,555)	Submittal 1/27/10; Deemed Complete 4/6/10	Final Discretionary Approval 11/1/10	<ul style="list-style-type: none"> • Vegetative swales • Percolation pit/retention chamber • Operation 	<ul style="list-style-type: none"> • Vegetative swales. • Percolation pit/retention chamber 	<ul style="list-style-type: none"> • Vegetative Swales. • Percolation pit/retention chamber. 	O & M Agreement; Property Owners supported by Municipal Code Section 9.18 .150	Volume-Based, CASQA BMP Handbook Method C.3.d.i.(1) (b)	None	Mike Campbell, HMM, Inc., Third Party Certification	No, Project disturbed less than 1 Ac.

⁸ For private projects, state project application deemed complete date and final discretionary approval date.

⁹ 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.).

¹⁰ 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.

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

Project Name Project No.	Application Deemed Complete Date ⁸	Application Final Approval Date	Source Control Measures	Site Design Measures	Treatment Systems Approved ⁹	Operation & Maintenance Responsibility Mechanism ¹⁰	Hydraulic Sizing Criteria	Alternative Compliance Measures	Alternative Certification	HM Controls
			and Maintenance schedule • Water Efficient, monitored irrigation							
Comments: There were no C.3 regulated Public Projects approved in Cupertino in FY 10-11.										

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

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)	Party Responsible For Maintenance	Date of Inspection	Type of Inspection	Type of Treatment/HM Control(s) Inspected	Inspection Findings or Results	Enforcement Action Taken	Comments
Panasonic	10900 N. Tantau Avenue	NO	Larry Wallerstein	5/17/2011	Annual	Porous Pavement Vegetated Swales Vortex Separator Inlet Inserts (on-site)	Proper O&M	None Required	
Whole Foods	20955 Stevens Creek Blvd	NO	Scott Sherman	5/17/2011	Annual	Vegetated Swales Drywell Inlets (on-site)	Proper O&M	None Required	
Apple	10495 DeAnza Blvd	NO	Maria Moules	5/18/2011	Annual	Vegetated Swales Vortex Separator (on-site)	Proper O&M	None Required	
Market Place	19620 Stevens Creek Blvd	NO	Edward Chan	5/18/2011	Annual	Vegetated Swales Vortex Separator (on-site)	Proper O&M for Vortex Separator. Needed some weed control and re-vegetation in swales.		
1st Baptist Church	10505 Miller Ave	NO	Senior Pastor Robin Davies	5/18/2011	Annual	Vegetated Swale (on-site)	Proper O&M		
St. Jude's Episcopal	20920 McClellan Rd	YES	Tom Dyer	11/6/2009	45-day	CUDO retention & infiltration system with perk filter pod system	Installed as per plan		This inspection was conducted last fiscal year, but documentation was overlooked and not recorded in FY 09-10 report.
St. Jude's Episcopal	20920 McClellan Rd	NO	New Contact: Syd Jacobsen, Property Mgr	8/10/2011	Annual	CUDO retention & infiltration system with perk filter pod system	Proper O&M	None Required	This inspection was conducted late due to a miscommunication between city staff.
Blaney Ventures	790 S. Blaney Ave	YES	Rick Towne	6/02/2011	45-day	Detention Basins	Installed as per plan		

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

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)	Party Responsible For Maintenance	Date of Inspection	Type of Inspection	Type of Treatment/HM Control(s) Inspected	Inspection Findings or Results	Enforcement Action Taken	Comments
Amelia Ct. Subdivision	10321 Amelia Ct	YES	Brian Kelly	6/02/2011	45-day	Detention Basins	Installed as per plan		
Apple Vallco	19333 Vallco Pkwy	NO	Maria Moules	6/02/2011	Annual	Vegetated Swales Detention Basins	Proper O&M		
Blackberry Farm	21979 San Fernando Avenue	NO	City Staff	6/02/2011	Annual	Turf Block Pavers	Proper O&M		

Prior to the MRP being adopted on October 14, 2009, the Public Works Inspector was not including *initial* inspections of permanent O&M treatment measures (observed during monthly construction site inspections) in the annual reports (nor in the C.3 O&M inspection tracking table). Therefore, the initial inspection at St Jude's was conducted on 11/6/2009 and was reported for the first time in this annual report. The oversight was noticed during annual report writing in July 2011, the inspector was consulted, and the initial inspection was documented in this annual report (see entries for St. Jude's CUDO retention and infiltration system in the C.3.h.iv. reporting table, above).



Appendix C.3

Cupertino Library Swales



Sign at Library



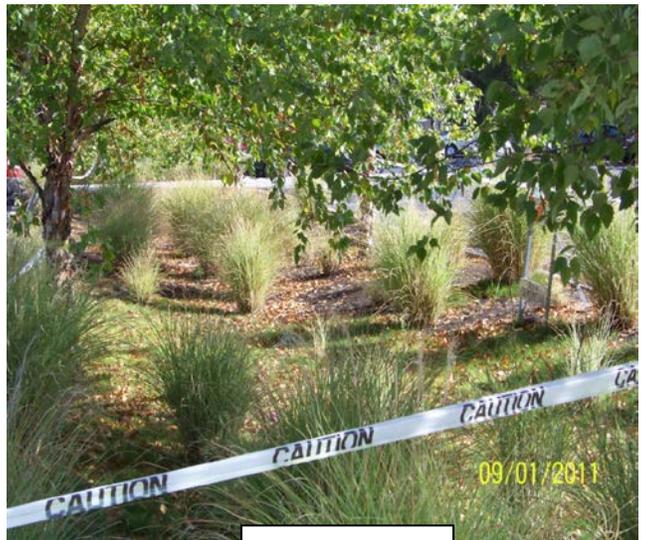
Before



Before



After



After

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

Program Highlights

Provide background information, highlights, trends, etc.

The City of Cupertino updated its Industrial/Commercial Site Control Program Business Inspection Plan and facility list in FY 10-11. Five food establishments, two construction businesses and a car wash were taken off the list because they had closed down and three businesses were removed because they were found to be offices without any outdoor operations or storage. The City conducted inspections at 29 food facility and 24 automotive and construction related businesses. Eleven of the 53 sites inspected in FY 10-11 had minor potential violations. These eleven businesses were added to the FY 11-12 inspection list because of their potential violations during FY 10-11 and are deemed a higher risk and higher priority for inspection than sites that were in complete compliance. None of the violations caused an actual discharge to the storm drain system or to a water body.

To comply with MRP reporting requirements, streamline tracking violations, and help facilitate escalating enforcement for repeat non-compliance, at the City's request, SCVURPPP staff updated Cupertino's Access database for IND inspections. Enhancements to the existing database (records from 2002 to 2009) include new fields and input screen features that tie previous years' inspection results for a specific site to one record, making it possible to review the site's complete inspection history on one data screen. As the new database was being developed, Environmental Programs staff had the responsibility of entering data for FY10-11. Once the database is finalized, as planned for FY 11-12, inspectors will resume the responsibility of entering their own inspection data.

Before the MRP was adopted, the City had a list of 28 automotive and dry cleaner businesses that were inspected biennially. Now, inspections are conducted annually and additional retail, construction businesses and approximately 25 to 30 food service facilities have been identified as potentially requiring more scrutiny and added to the City's business plan and annual inspection list. The increased workload had to be shared between Building Inspectors and the IDDE Inspector. Now, when conducting site visits, Building Inspectors refer potential violations to the IDDE Inspector for follow-up and enforcement if owners/managers do not achieve immediate or same-day compliance. The IDDE Inspector, who previously patrolled the City to provide continuous enforcement for potential violations at commercial sites considered high risk for storm drain discharges, currently pro-actively inspects only sites on the City's inspection list or responds to calls for investigation of a potential discharge.

In FY 10-11, the ERP was revised to reflect the changes to staff roles and enforcement procedures. ERP training was provided at a Building Department staff meeting in June 2011 to introduce updates to inspection forms, discuss new follow-up procedures, and to inform inspectors that Environmental Programs staff would enter the inspection data while the revised database was being tested. Additionally, the Environmental Programs staff met with the IDDE inspector on an almost weekly basis to review violations, forms, and inspection and enforcement procedures. The revised inspection programs seem to be working well after the first complete year of working from the City's business plan. If additional efficiencies are identified, the ERP and business plan can be updated to reflect the new procedures.

The Environmental Programs Manager is a regular participant in the IND/IDDE SCVURPPP ad hoc task group. This group planned and produced the countywide IND Inspector training on May 5, 2011, which was held in the City of Cupertino at Quinlan Community Center. The City's Environmental Program Manager gave a presentation on provision C.15, which highlighted conditionally exempt discharges and emphasized the circumstances under which these discharges are considered a violation. Eight other City staff attended the IND/IDDE Inspector full-day training, including three IND inspectors, two part-time Environmental Programs staff and most notably, three of four Cupertino Code Enforcement officers.

Code Enforcement becomes involved in stormwater violation enforcement at response Level-3 and will issue a pre-citation letter or a citation with a fine after a problem goes beyond the Level-2 written notice issued by an inspector. Code Enforcement officers have taken the role a step further and are on the lookout for stormwater violations as they patrol the City or respond to routine calls. In FY 10-11, Code Enforcement officers responded to at least two calls when the IDDE Inspector was not immediately available.

See SCVURPPP's C.4. Industrial and Commercial Site Controls section of the Annual Report for a description of activities of the Countywide program and/or the BASMAA Municipal Operations Committee.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan?

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

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.

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

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

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

See the attached Cupertino Industrial/Commercial Site Control Program Business Inspection Plan for the list of facilities scheduled for inspection during the 2011-2012 fiscal year.

C.4.c.iii.(1) ► Facility Inspections

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

<input checked="" type="checkbox"/>	Permittee reports multiple discrete violations on a site as one violation.
<input type="checkbox"/>	Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected	53	
Total number of inspections conducted	61	
Number of violations (excluding verbal warnings)	3	
Sites inspected in violation	11	21%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	10*	91%

*One auto repair facility, inspected on June 23, 2011, was assumed by the IND Inspector to have made immediate housekeeping corrections, but

the IND Inspector did not return to the site to verify compliance. The inspector noted that the site required more absorbent (kitty litter) in case of spills, a dry well located in the center of a grassy area (not connected to the storm drain system) needed to be cleaned, and tires stored outside needed to be tarped. When the missed follow-up inspection was discovered in July during Annual Report writing, the business was prioritized for an inspection in August 2011 to ensure that the housekeeping issues would be resolved before the start of the rainy season. Inspectors will be reminded during a Building Dept Staff Meeting in FY 11-12 of the need to conduct follow-up visits or refer any potential problems to the IDDE Inspector for follow-up.

Cupertino's industrial commercial facilities amount to approximately 25 vehicle service facilities and 5 dry cleaners, a few construction related service businesses and some retail businesses. The businesses types that have a history of potential stormwater violations are the more than 200 food facilities in the City of Cupertino. Therefore the City's IND inspection program targets food facilities.

The table below shows the number of food facilities in Cupertino that were pro-actively inspected over the past four years and the number of food facilities that were inspected as the result of a complaint or an observation by the Inspector when not conducting a scheduled inspection. Note: The City of Cupertino considers any material stockpiled around a trash enclosure area to be a violation, including stockpiled cardboard.

Cupertino Food Facility Inspections

	FY07-08	FY08-09	FY09-10	3-Yr Total	FY10-11
Pro Active Inspections	175	206	192	573	29
IDDE Complaints & violations found by Inspector	23	53	24	100	17
Total Food Facility Inspections	198	259	216	673	46

During FY 10-11, the City conducted targeted inspections at 29 food facilities and 24 at automotive and construction related businesses for a total of 53 sites inspected. Potential violations were observed at three food facilities and each facility was given a written notice of violation because the owners or managers had been previously warned to contain all cardboard and debris in dumpsters with dumpster lids closed and to provide secondary containment for tallow bins or locate the tallow bins away from storm drains. Eight automotive and construction businesses had potential violations (e.g. materials stored without cover in dry weather, storm drain inlets with leaves during dry weather and drain inlets in need of "flows to creek" markings) and were given a verbal warning, which was recorded in the IND database. None of the violations caused an actual discharge to the storm drain system or to a water body. Generally, potential violations were resolved on the same day or within 48 hours.

In addition to 29 food facilities that were inspected by the City, the County's Dept of Environmental Health inspectors conducted 401 inspections at 282 temporary and permanent food facility sites in the City of Cupertino. The City of Cupertino, West Valley Communities and the County held numerous meetings and an inspector training workshop in FY 09-10 (which included all County inspectors and municipal IND Inspectors) to ensure that inspections were being done according to the MRP requirements. Violations discovered during DEH inspections are reported to the City. The City did not receive any reports of violations from the County inspectors during FY 10-11. The City's IDDE Inspector conducted 573 proactive food facility inspections over the three previous fiscal years (from FY 07-08 through FY 09-10), and provided enforcement at 142 sites during the same three year period to control grease spills from tallow bins and to reduce litter and cardboard in areas around trash enclosures. The lack of violations found by DEH is likely a testament to the success of Cupertino's targeted food facility inspection program.

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

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	0
Potential discharge and other	11
<p>The City did not observe any site with an illegal discharge to a stream or other water body. However, if there had been an actual discharge, each discharge to a storm drain inlet/water body would have been recorded as a separate discharge. A site could have multiple discharges if more than one storm drain or water body was impacted.</p> <p>The eleven potential discharges include eight sites that received verbal warnings and three food facility sites that were issued written notices of violation.</p>	

C.4.c.iii.(2) ► Frequency and Type of Enforcement Conducted

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

	Enforcement Action (as listed in ERP)	Number of Enforcement Actions Taken	% of Enforcement Actions Taken
Level 1	Verbal Warning	8	73%
Level 2	Written Notice of Violation	3	27%
Level 3	Pre-Administrative Citation	0	0%
Level 4	Administrative Citation with Fine	0	0%
Total		11	100%

C.4.c.iii.(3) ► Types of Violations Noted by Business Category

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

Business Category	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Automotive Service/Maintenance	0	7
Restaurant/ Food Facility	0	3
Retail	0	1
Construction related businesses	0	0

C.4.c.iii.(4) ► Non-Fileers

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

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

C.4.d.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
IND AHTG	July 20, 2010	Program category discussion, how to identify businesses subject to inspection, and data management.	Env. Programs staff who relays pertinent information to inspectors	N/A

IND AHTG	October 5, 2010	Finalized inspection plan template and data management discussion.	Env. Programs staff who relays pertinent information to inspectors	N/A
In-house IND/IDDE Training	January 4, 2011	Env. Pgrm. Mgr. and two staff met with IDDE Inspector to update and clarify inspection and enforcement procedures, discuss needs for reporting improvements, and next steps for the IND/IDDE inspection program.	1IDDE Inspector	100%
IND AHTG	March 8, 2011	May 5 th Workshop planning and discussions on mobile businesses and C.15.	Env. Programs staff who relays pertinent information to inspectors	N/A
IND AHTG	April 5, 2011	May 5 th Workshop planning and discussions on speaker presentations topics and case studies.	Env. Programs staff who relays pertinent information to inspectors	N/A
IND AHTG	April 27, 2011	May 5 th Workshop planning and review and discussions on speaker presentations topics.	Env. Programs staff who relays pertinent information to inspectors	N/A
Conducting Effective Stormwater Inspections of Industrial and Commercial Facilities	May 5, 2011	<ol style="list-style-type: none"> 1. Permit– Program basics, Inspection Plans & Priorities, Tracking Violations 2. New requirements in the MRP 3. Enforcement Response Plans (ERP) Implementation Guidance & Enforcement and habitual non-compliance 4. NPDES Industrial Stormwater Inspection Program 5. Conducting NOI inspections 6. Industrial-Commercial Stormwater Inspections – What to Look for, pre-inspection review, site history 7. Documenting Compliance / Coordinating with Other Agencies 8. Conducting Illicit Discharge Inspections 9. Conditionally Exempt Discharges 10. Inspecting for Pollutants of Concern 11. Field scenarios and Inspection exercise conducted in breakout groups 	3 Inspectors (60% of Inspectors) plus 3 Code Enforcement Officers and 3 Environmental Programs staff	60%

IND and Construction	May 23, 2011	Industrial and construction violation tracking and reporting.	Env. Programs staff who relays pertinent information to inspectors	N/A
IND Inspection training as part of Building Inspector Staff Meeting	June 21, 2011	<ol style="list-style-type: none"> 1. Conducting industrial/commercial inspections in the City of Cupertino 2. Revisions to the ERP 3. Escalating enforcement: referral to IDDE Inspector or to Code Enforcement 4. Filling out the new inspection form 5. Entering inspection results in database 6. New requirements in the MRP 	4	80%



Appendix C.4

CITY OF CUPERTINO Environmental Programs Division

Industrial/Commercial Site Control Program Business Inspection Plan

C.4.b.i. BUSINESS INSPECTION PLAN

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

LIST OF FACILITIES TO BE INSPECTED AND MONITORED

There are no NOI filers in the City of Cupertino.

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

PRIORITIZATION STRATEGY

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

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

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

INSPECTION PLANS

The following inspection plans are included in this document:

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

2. C.4.b.iii.(1): List of food facilities that are subject to annual stormwater inspections by the County's Dept. of Environmental Health (DEH) according to a written agreement between DEH and the City. DEH Inspectors are trained to report all stormwater violation resolutions and potential stormwater problems to the City. Additionally, any report from DEH will trigger a follow-up inspection by the City's IDDE Inspector.
3. C.4.b.iii.(2): List of facilities scheduled for Industrial/Commercial inspections during fiscal year 2011 - 2012 (excluding food facilities).
4. C.4.b.iii.(2): List of food facilities and other facilities of concern scheduled for inspections by the City's IDDE Inspector during fiscal year 2011-2012. These facilities will be targeted due to a previous violation or other reported concern, or because they are a new facility that has the potential to be a stormwater violator but has not yet appeared on the DEH list.

Note: Cupertino's Business Inspection Plan Lists for years previous to and beyond FY11-12 are retained in the City's Environmental Programs' Business Inspection Plan Excel file.

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

	Business Name	Business Address	Business Type
1	Supreme Dog & Cat	21686 Stevens Creek Blvd	Animal Care
2	Cupertino Animal Hospital	10026 Peninsula Ave	Animal Care
3	Acadia Veterinary Clinic	10012 N Foothill Blvd	Animal Care
4	European Auto Performance	10550 S De Anza Blvd	Auto Dealer
5	Prestige Auto Broker	10201 Imperial Ave Ste 101	Don't Inspect - Office Only
6	Goodyear Tire & Rubber Co	10931 N De Anza Blvd	Auto Supply And Service
7	Cupertino Union 76	21530 Stevens Creek Blvd	Auto Supply And Service
8	Clark's Auto Parts &	10270 Imperial Ave	Auto Supply And Service
9	Driving Machine, The	10100 Bubb Rd	Auto Supply And Service
10	Tom Brown's House Of	21680 Lomita Ave	Auto Supply And Service
11	Chevron Usa Inc 95700	11010 N De Anza Blvd Ste 5700	Auto Supply And Service
12	Cupertino Beacon Service Ctr	22510 Stevens Creek Blvd	Auto Supply And Service
13	De Anza Shell Service	20999 Stevens Creek Blvd	Auto Supply And Service
14	Homestead 76	21855 Homestead Rd	Auto Supply And Service
15	Cupertino Auto Tech	10073 Imperial Ave	Auto Supply And Service
16	Rotten Robbie 25	19030 Stevens Creek Blvd	Auto Supply And Service
17	Vallco 76 Service	19550 Stevens Creek Blvd	Auto Supply And Service
18	Cupertino U S Gas (Valero)	10002 N De Anza Blvd	Auto Supply And Service
19	Cupertino Beacon Auto	22510 Stevens Creek Blvd	Auto Supply And Service
20	Cupertino Smog Pro & Auto	10625 N De Anza Blvd	Auto Supply And Service
21	Cupertino Service	10280 Imperial Ave	Auto Supply And Service
22	International Auto Clinic	10221 Imperial Ave	Auto Supply And Service
23	Imperial Automotive Of	10261 (10262) Imperial Ave	Auto Supply And Service
24	Vikhar Vallero	1699 S De Anza Blvd	Auto Supply And Service
25	De Anza Auto Repair (Was	11025 N De Anza Blvd	Auto Supply And Service
26	Henry's Union 76 (Was J&H)	10490 S De Anza Blvd	Auto Supply And Service
27	Shell Oil Products #135216	19990 Stevens Creek Blvd	Auto Supply And Service

	Business Name	Business Address	Business Type
28	De Anza Car Wash Inc	10165 N De Anza Blvd	Demolished - No Longer Exists
29	Aaa Auto Repair And Service	10121 N Foothill Blvd	Auto Supply And Service
30	Jiffy Lube #2355	19480 Stevens Creek Blvd	Auto Supply And Service
31	Crossroads Chevron	10023 S De Anza Blvd	Auto Supply And Service
32	De Anza Auto Center	10151 Imperial Ave	Auto Supply And Service
33	Union 76	20755 Stevens Creek Blvd	Auto Supply And Service
34	Sears Auto Service	10101 N Wolfe Rd	Auto Supply And Service
35	Cupertino Supply Inc	10230 Imperial Ave	Building Supplies
36	Keiser, Ross Gener Contr	10281 Imperial Ave	Contractor - General
37	Tersini Construction Inc	21710 Stevens Creek Blvd Ste 200	Don't Inspect - Office Only
38	Welkin International Ind Inc	19925 Stevens Creek Blvd	Don't Inspect - Office Only
39	Cupertino Glass & Windows	10281 Imperial Ave	Contractor - Glass
40	North Cal Heating And Air	10216 Pasadena Ave	Business Gone - Take Off List
41	Ekim Painting	10200 Imperial Ave	Contractor - Painting
42	Shepherd Services Plumbing	10121 Imperial Ave Ste D	Business Gone (Cmpbl) - Take Off List
43	De Anza Plumbing	10260 Imperial Ave	Contractor - Plumbing
44	Argonaut Window & Door,	10624 S De Anza Blvd	Don't Inspect - Retail Office Only
45	Granite Rock Co	1505 S De Anza Blvd	Contractor - Specialty
46	Cupertino Custom Cabinetry	10121 Imperial Ave Ste D	Contractor - Specialty
47	Murray Dental Care	10055 Miller Ave Ste 104	Delivery Service
48	Dry Clean Pro	20379 Stevens Creek Blvd	Dry Cleaners And Laundry
49	Oakmont Cleaners	19948 Homestead Rd	Dry Cleaners And Laundry
50	Scottys Cleaners	10620 S De Anza Blvd	Dry Cleaners And Laundry
51	Happy Dry Clean Shop	10020 Imperial Ave	Dry Cleaners And Laundry
52	One Hour Cleaners By Lee	10045 E Estates Dr	Dry Cleaners And Laundry
53	Mcclellan Square Cleaners	10477 S De Anza Blvd Ste A	Dry Cleaners And Laundry
54	Oasis Laundry Mat	20676 Homestead Rd	Dry Cleaners And Laundry
55	N & K Cleaners	21749 Stevens Creek Blvd	Dry Cleaners And Laundry
56	Payless Cleaners	19028 Stevens Creek Blvd	Dry Cleaners And Laundry
57	Page Boy Cleaners	10071 S Blaney Ave	Dry Cleaners And Laundry
58	Sierra Cleaners (El Dorado)	10151 S De Anza Blvd	Dry Cleaners And Laundry
59	Holiday Cleaners	19720 Stevens Creek Blvd	Dry Cleaners And Laundry
60	Pab Technology Inc	19925 Stevens Creek Blvd	Don't Inspect - Office Only
61	Wizetek Inc	19770 Stevens Creek Blvd	Don't Inspect - Office Only
62	Mitsumi Electronics	19200 Stevens Creek Blvd	Don't Inspect - Office Ste. Only
63	Fleur De Lis	10285 S De Anza Blvd	Florist
64	Family Health Center	10041 S De Anza Blvd	Don't Inspect - Vitamin Store
65	De Anza Pure Water	10467 S De Anza Blvd	Don't Inspect - Vitamin Store
66	Sd Home Of Cupertino	19900 Stevens Creek Blvd	Furniture
67	Murasaki Home Furnishings,	10525 S De Anza Blvd Ste 145	Furniture
68	Yamagami's Nursery	1361 S De Anza Blvd	Garden Supply & Equipment
69	Nochebuena's Landscape &	813 Miller Ave	Gardening Service
70	Senne Company	19925 Stevens Creek Blvd Ste 114	Manufacturer
71	Aeroflex High Speed Test	10411 Bubb Rd	Manufacturer
72	Solargen Energy, Inc.	20400 Stevens Creek Blvd Ste 700	Manufacturer

	Business Name	Business Address	Business Type
73	Ae Biofuels, Inc.	20400 Stevens Creek Blvd Ste 700	Manufacturer
74	Apple Computer Inc (E-	10300 Bubb Rd	Marketing
75	Comcast Of California Ii Llc	10040 Imperial Ave	Miscellaneous
76	Petsmart Inc	20558 Stevens Creek Blvd	Pet Shop & Supplies
77	Jet Photo Lab	10525 S De Anza Blvd Ste 205	Photography Supplies
78	Dayton Printing	10675 S De Anza Blvd Ste 1	Printing Service & Supplies
79	Advantage Grafix	10161 S De Anza Blvd	Printing Service & Supplies
80	Summer Winds Garden	1491 S De Anza Blvd	Retail Sales
81	S & G Carpet Discount	19625 Stevens Creek Blvd	Retail Sales
82	Hitachi Chemical Co	10080 N Wolfe Rd Ste Sw3200	Sales
83	Faith Cosmetics International	20380 Town Center Ln Ste 172	Sales
84	Ricoh Americas Corporation	10460 Bubb Rd	Sales
85	Minerva Surgical Inc	20195 Stevens Creek Blvd Ste 120	Sales
86	Abc Tree Farms Llc	Stevens Creek & Nw Corner Finch	Seasonal Lot Sales
87	Ice Center Enterprises Llc	10123 N Wolfe Rd Ste 30	Skating Rink
88	A Perfect Tan	19949 Stevens Creek Blvd	Tanning Salon
89	Cupertino Bikeshop	10493 S De Anza Blvd	Retail Sales
90	Walgreens, Store #4416	20011 Bollinger Rd	Retail Sales
91	Growing Tree Learning	20100 Stevens Creek Blvd, Suite 160	Retail Sales
92	Aaron Brothers	20600 Stevens Creek Blvd	Retail Sales
93	Pier 1 Imports	20610 Stevens Creek Blvd	Retail Sales
94	T.J. Maxx	20650 Homestead Rd	Retail Sales
95	Ameek Auto Co	10057 Imperial Ave	Auto Dealer-New in FY 10-11
96	Alan White Service	21530 Stevens Creek Blvd	Auto Supply And Service-New in FY 10-11
97	Pan American Body Shop	10100 Bubb Rd	Auto Supply And Service-New in FY 10-11
98	Zarin Sewing, Alteration And	19775 Stevens Creek Blvd	Dry Cleaners And Laundry-New in FY 10-11
99	Serene Orchids	10525 S De Anza Blvd Ste 115	Florist-New in FY 10-11

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

	Restaurant/Food Facility Name	Business Address
1	212 New York Pizza	19998 E Homestead Rd
2	360 Gourmet Burritos	10123 N Wolfe Rd
3	7-Eleven	21490 McClellan Rd
4	7-Eleven Food Store 2367-14320f	21220 Homestead Rd
5	7-Eleven Store 2367-157766d	90 Stern Av
6	99 Ranch Market	10983 N Wolfe Rd
7	A & J Restaurant	10893 N Wolfe Rd
8	Alexander's Steakhouse	10330 N Wolfe Rd
9	Amc Cupertino 16 Theatres	10123 N Wolfe Rd
10	Amici's East Coast Pizzeria	10310 S De Anza Bl
11	Apple City Center Ii Coffee Bar	20330 Stevens Creek Bl
12	Apple-Vp2	19333 Vallco Py
13	Aqui Cal Mex	10630 S De Anza Bl
14	Armadillo Willy's	10100 S De Anza Bl

	Restaurant/Food Facility Name	Business Address
16	Azuma	19645 Stevens Creek Bl
17	Bagel Street Cafe - Cupertino	10591 N De Anza Bl
18	Baja Fresh	20735 Stevens Creek Bl
19	Bateh Brothers Liquors	22690 Stevens Creek Bl
20	Beard Papa's Cupertino	19748 Stevens Creek Bl
21	Benihana Of Tokyo	10123 N Wolfe Rd
22	Bethel Lutheran Church/School	10181 Finch Av
23	Bitter & Sweet, Llc	20560 Town Center Ln
24	Bj's Restaurant & Brewhouse	10690 N De Anza Bl
25	Blackberry Farm	21979 San Fernando Av
26	Blaney Ave Shell	19990 Stevens Creek Bl
27	Blue Pheasant Restaurant	22100 Stevens Creek Bl
28	Bluelight Cinemas	21275 Stevens Creek Bl
29	Bobbi's Coffee Shop	1361 S De Anza Bl
30	Bombay Oven	20803 Stevens Creek Bl
31	Bonjour Crepes And Sandwiches	20371 Stevens Creek Bl
32	Burger King	10123 N Wolfe Rd
33	Cafe Gratitude @ Whole Foods Market	20955 Stevens Creek Bl
34	Cafe Rococo @ Campus Center	21250 Stevens Creek Bl
35	Cafe Torre/Flight Wine	20343 Stevens Creek Bl
36	Caffe Macs	4 Infinite Lp
37	Canela Espresso & Pastries	10631 S Foothill Bl
38	Carl's Jr #7024	20680 Homestead Rd
39	Cfarm Mkt-Cs-Baby D's Sweet Treats	10123 Wolfe Rd
40	Cfarm Mkt-Cs-Bay Bread	10123 Wolfe Rd
41	Cfarm Mkt-Cs-Beckmann's Bakery	10123 Wolfe Rd
42	Cfarm Mkt-Cs-Cha Chuk	10123 Wolfe Rd
43	Cfarm Mkt-Cs-Coastside Farms	10123 Wolfe Rd
44	Cfarm Mkt-Cs-Cook In The Market	10123 Wolfe Rd
45	Cfarm Mkt-Cs-Culinary Decisions Cat	10123 Wolfe Rd
46	Cfarm Mkt-Cs-Cupertino Square	10123 Wolfe Rd
47	Cfarm Mkt-Cs-Dalex	10123 Wolfe Rd
48	Cfarm Mkt-Cs-Falafel Fresh	10123 Wolfe Rd
49	Cfarm Mkt-Cs-From The Sea T You	10123 Wolfe Rd
50	Cfarm Mkt-Cs-Gold Rush Kett Kor	10123 Wolfe Rd
51	Cfarm Mkt-Cs-Golden Mar	10123 Wolfe Rd
52	Cfarm Mkt-Cs-Hawgs Seafood	10123 Wolfe Rd
53	Cfarm Mkt-Cs-Hummus Heaven	10123 Wolfe Rd
54	Cfarm Mkt-Cs-Marjolaine French Pas	10123 Wolfe Rd
55	Cfarm Mkt-Cs-Pinoy Street	10123 Wolfe Rd
56	Cfarm Mkt-Cs-Ruby's Tamales	10123 Wolfe Rd
57	Cfarm Mkt-Cs-Significant Bites Llc	10123 Wolfe Rd
58	Cfarm Mkt-Cs-Sinbad Restaurant	10123 Wolfe Rd
59	Cfarm Mkt-Cs-Sumana's Soul Inc	10123 Wolfe Rd
60	Cfarm Mkt-Cs-The Crepe Escape	10123 Wolfe Rd

	Restaurant/Food Facility Name	Business Address
61	Cfarm Mkt-Cs-Toofu	10123 Wolfe Rd
62	Cfarm Mkt-Kst2-Cha Chuk	Camino Verde
63	Chateau Cupertino	10150 Torre Av
64	Chevron Station #95954	10023 S De Anza Bl
65	Chevron Station Apsi #1543	11010 N De Anza Bl
66	Chiaromonte's Sausage & Deli	10123 N Wolfe Rd
67	Chili's Grill & Bar #8	20060 Stevens Creek Bl
68	Chipotle Mexican Grill #211	10385 S De Anza Bl
69	Chuck E Cheese	19805 Stevens Creek Bl
70	Chung Chou City	10959 N Wolfe Rd
71	Chung Hsin Herbs	10925 N Wolfe Rd
72	Cinnabon Cupertino Square	10123 N Wolfe Rd
73	Coach House Wine & Liquors	1655 S De Anza Bl
74	Coffee Bar @ De Anza 7	10431 N De Anza Bl
75	Coffee Society	10800 Torre Av
76	Coffee Society	21265 Stevens Creek Bl
77	Cold Stone Creamery	10123 N Wolfe Rd
78	Courtyard By Marriott	10605 N Wolfe Rd
79	Cupertino 76/Falco 76	20755 Stevens Creek Bl
80	Cupertino Beacon	22510 Stevens Creek Bl
81	Cupertino High School	10100 Finch Av
82	Cupertino Indian	10251 S De Anza Bl
83	Cupertino Inn	10889 N De Anza Bl
84	Cupertino Liquors	7335 Bollinger Rd
85	Cupertino Senior Center	21251 Stevens Creek Bl
86	Cupertino Smog & Auto Repair	10625 N De Anza Bl
87	Cupertino Square	10123 N Wolfe Rd
88	Cupertino Union 76	21530 Stevens Creek Bl
89	Cupertino Usd Corp Yard	10301 Vista Dr
90	Cupertino Valero	10002 N De Anza Bl
91	Curry House	10350 S De Anza Bl
92	Cvs/Pharmacy #9894	10455 S De Anza Bl
93	Cypress, The-A Kimpton Hotel	10050 S De Anza Bl
94	Daiso Japan Cupertino Store	19750 Stevens Creek Bl
95	De Anza 2-Expresso Kiosk	10201 De Anza Bl
96	De Anza 3	10500 N De Anza Bl
97	De Anza 6	10355 N De Anza Bl
98	De Anza College	21250 Stevens Creek Bl
99	De Anza College-Le Cafe	21250 Stevens Creek Bl
100	De Anza Fmkt- Downtown Pizza	21250 Stevens Creek Bl
101	De Anza Fmkt-Crumb Crazy Gourmet	21250 Stevens Creek Bl
102	De Anza Fmkt-Main St Fd Concession	21250 Stevens Creek Bl
103	De Anza Fmkt-Tony's Kettle Korn	21250 Stevens Creek Bl
104	De Anza Shell Food Mart	20999 Stevens Creek Bl
105	Deep Cliff Golf Course	10700 Club House Ln

	Restaurant/Food Facility Name	Business Address
106	Diddams Amazing Party & Toy Store 3	10171 S De Anza Bl
107	Donut Wheel	10250 N De Anza Bl
108	Duke Of Edinburgh	10801 N Wolfe Rd
109	Dynasty Seafood Restaurant	10123 N Wolfe Rd
110	Eaton School-Cafeteria	20220 Suisun Dr
111	Elephant Bar	19780 Stevens Creek Bl
112	Erik's Deli Cafe	19652 Stevens Creek Bl
113	Falafel On The Row	19725 Stevens Creek Bl
114	Fantasia Coffee & Tea	10933 N Wolfe Rd
115	Faria Elementary School	10155 Barbara Ln
116	Farm Fresh Produce	10021 S Blaney Av
117	Fatima Restaurant	10125 Bandlely Dr
118	Flea Market	21250 Stevens Creek Bl
119	Flint Center	21250 Stevens Creek Bl
120	Florentine Restaurant & Pasta	10275 S De Anza Bl
121	Fontana's	20840 Stevens Creek Bl
122	Forum Retirement Community	23500 Cristo Rey Dr
123	Fresh Choice	10123 N Wolfe Rd
124	Fusion After School @ Good Shepherd	940 S Stelling Rd
125	Fusion Korea	20956 Homestead Rd
126	Gamba Karaoke	19990 Homestead Rd
127	Garden Gate School	10500 Ann Arbor Av
128	General Nutrition Center #576	10123 N Wolfe Rd
129	Gochi Japanese Fusion Tapas	19980 E Homestead Rd
130	Gokaku Restaurant	10789 S Blaney Av
131	Good Shepherd Christian Church	940 S Stelling
132	Grain D'or	10123 N Wolfe Rd
133	Guan Dong House	10851 N Wolfe Rd
134	Gumba's	21678 Stevens Creek Bl
135	Harumi Sushi	19754 Stevens Creek Bl
136	Harveys Gourmet Donut Company	25250 Stevens Creek Bl
137	Henry's 76	10490 S De Anza Bl
138	Hilton Garden Inn-Cupertino	10741 N Wolfe Rd
139	Ho Ho Chinese Restaurant	10895 S Blaney Av
140	Hobee's De Anza	21267 Stevens Creek Bl
141	Homestead 76 Station	21855 Homestead Rd
142	Homestead Cafe - Hs1	18880 Homestead Rd
143	Homestead Family Fun Center	20990 Homestead Rd
144	Homestead High School	21370 Homestead Rd
145	Hong Fu @ De Anza College	21250 Stevens Creek Bl
146	Hong Fu Gourmet Chinese Restau	20588 Stevens Creek Bl
147	House Of Falafel	19590 Stevens Creek Bl
148	Hyde Junior High School	19325 Bollinger Rd
149	I Love Bento	10129 S De Anza Bl
150	I S Stew House	10271 Torre Av

	Restaurant/Food Facility Name	Business Address
151	Imahara's Produce	19725 Stevens Creek Bl
152	It's A Grind Coffee House	19622 Stevens Creek Bl
153	J & J Hawaiian Barbecue Inc Iii	20950 Stevens Creek Bl
154	Jack In The Box #490	1451 S De Anza Bl
155	Jamba Juice	21265 Stevens Creek Bl
156	Joy Luck Place	10911 N Wolfe Rd
157	Judy's Kitchen	10635 S Foothill Bl
158	Jw Catering	20450 Stevens Creek Bl
159	Kee Wah Bakery	10370 S De Anza Bl
160	Kennedy Cafeteria	821 Bubb Rd
161	Kento Bowl	21670 Stevens Creek Bl
162	Kentucky Fried Chicken #057	10520 S De Anza Bl
163	Kikka - Stevens Creek	20955 Stevens Creek Bl
164	Kikusushi Japanese Restaurant	1655 S De Anza Bl
165	King Salad/J&J Hawaiian Barbeque	10745 S De Anza Bl
166	Kitsho Sushi	19541 Richwood Dr
167	Kong Tofu & Bbq	19626 Stevens Creek Bl
168	Korea Tofu House	10885 N Wolfe Rd
169	Kumud Groceries	10255 S De Anza Bl
170	L.P. Collins Elementary School	10300 N Blaney Av
171	La Patisserie	19758 Stevens Creek Bl
172	Lawson Middle School	10401 Vista Dr
173	Le Boulanger	20488 Stevens Creek Bl
174	Lee's Sandwiches	20363 Stevens Creek Bl
175	L'epi D'or Bakery	19675 Stevens Creek Bl
176	Liang's Kitchen Cuisine	19772 Stevens Creek Bl
177	Lincoln Elementary School	21710 Mc Clellan Rd
178	Little Caffe Mac	1 Infinite Lp
179	Little Sheep Mongolian Hotpot	19062 Stevens Creek Bl
180	Live Oak Adult Day Services	20920 Mc Clellan Rd
181	Lucky	10425 S De Anza Bl
182	Mandarin Gourmet	10145 N De Anza Bl
183	Manley's Donuts	10991 N De Anza Bl
184	Marina Food Ii	10122 Bandlely Dr
185	Marukai Market	19750 Stevens Creek Bl
186	Mcdonald's	10990 N Stelling Rd
187	Mchart's Pizza & Grill	19732 Stevens Creek Bl
188	Merlion Market Place	19628 Stevens Creek Bl
189	Michael's	20640 Homestead Rd
190	Monta Vista High School	21840 Mc Clellan Rd
191	Moshi Moshi Japanese Restaurant	10831 N Wolfe Rd
192	Mrs Fields Cookies	10123 N Wolfe Rd
193	My Mom's Sandwiches	10080 N Wolfe Rd
194	Noah's New York Bagels #2146	20520 Stevens Creek Bl
195	Nutrition Restaurant	10935 N Wolfe Rd

	Restaurant/Food Facility Name	Business Address
196	Oakmont Produce Market	19944 Homestead Rd
197	Olarn Thai Cuisine	19672 Stevens Creek Bl
198	One Pot Shabu Shabu	19648 Stevens Creek Bl
199	Orange Tree - Cupertino	21267 Stevens Creek Bl
200	Outback Steakhouse	20630 Valley Green Dr
201	Panda Express	21000 Stevens Creek Bl
202	Panera Bread	20807 Stevens Creek Bl
203	Park Place Restaurant	10030 S De Anza Bl
204	Pasha's Market	19082 Stevens Creek Bl
205	Paul & Eddies Monta Vista Inn	21619 Stevens Creek Bl
206	Pebbles Deli Cafe	10235 S De Anza Bl
207	Peet's Coffee & Tea	20807 Stevens Creek Bl
208	Peet's Coffee & Tea	22350 Homestead Rd
209	Personal Cuisines @ St Joseph's Chu	10110 N De Anza Bl
210	Pho - Licious	21271 Stevens Creek Bl
211	Pho Minh	10118 Bandlely Dr
212	Pier I Imports #374	20610 Stevens Creek Bl
213	Pizza Hut #281101	20770 Stevens Creek Bl
214	Pizza My Heart	20530 Stevens Creek Bl
215	Platters Cafe @ Seagate	10200 S De Anza Bl
216	Porridge Palace	10869 N Wolfe Rd
217	Potsticker King	19634 Stevens Creek Bl
218	Pretzel Time	10123 N Wolfe Rd
219	Q Mart	10041 N Blaney Av
220	Q-Cup	10963 N Wolfe Rd
221	Que Huong Thit Nuong	18811 Loree Av
222	Quickly	21265 Stevens Creek Bl
223	Quickly	10887 N Wolfe Rd
224	Quickly At Homestead	20916 Homestead Rd
225	Quizno's	20672 Homestead Rd
226	Quizno's Sub	19959 Stevens Creek Bl
227	Rancho Rinconada Club House	18000 Chelmsford Dr
228	Rc 01 Cafe	10435 N Tantau Av
229	Regnart Elementary School	1170 Yorkshire Dr
230	Rice Cafe	10074 E Estates Av
231	Rio Adobe	10525 S De Anza Bl
232	Rite Aid #5967	20580 Homestead Rd
233	Roasted Coffee Bean	19110 Stevens Creek Bl
234	Sabatini Oaks Event Center	21275 Stevens Creek Bl
235	Sedgwick School	19200 Phil Ln
236	Shan Restaurant	20030 Stevens Creek Bl
237	Shanghai Dim Sim	19066 Stevens Creek Bl
238	Shanghai Garden Restaurant	20956 Homestead Rd
239	Shanghai Restaurant	10877 N Wolfe Rd
240	Sheng Kee Bakery	10961 N Wolfe Rd

	Restaurant/Food Facility Name	Business Address
241	Sheng Kee Bakery	10122 Bandley Dr
242	Shun Tian Herbs	10787 S Blaney Av
243	Simply Thai	21267 Stevens Creek Bl
244	Sitar Express Indian Cuisine	21267 Stevens Creek Bl
245	Sk Noodle	20735 Stevens Creek Bl
246	Smoke Eaters	10650 S De Anza Bl
247	Sodexo America Llc @ Hp Peppertree	19091 Pruneridge Av
248	Sogo Bakery	10889 S Blaney Av
249	Southland Flavor Cafe	10825 N Wolfe Rd
250	St Andrew Armenian Church	11370 S Stelling Rd
251	St Joseph Cupertino Church	10110 N De Anza Bl
252	Starbucks Coffee #10885	22390 Homestead Rd
253	Starbucks Coffee #5217	20520 Stevens Creek Bl
254	Starbucks Coffee #5662	11111 N Wolfe Rd
255	Stevens Creek Elementary School	10300 Ainsworth Dr
256	Stevens Creek Market & Liquor	10629 S Foothill Bl
257	Strike Cupertino	10123 N Wolfe Rd
258	Subway #17377	19110 Stevens Creek Bl
259	Subway #35532	10123 N Wolfe Rd
260	Subway Sandwich #41149	21682 Stevens Creek Bl
261	Subway Sandwiches #42133	19998 Homestead Rd
262	Subway Sandwiches & Salad	20916 Homestead Rd
263	Subway Sandwiches & Salads	10525 S De Anza Bl
264	Surf City Squeeze	10123 N Wolfe Rd
265	Sushi House	19068 Stevens Creek Bl
266	Sushi Kuni	10211 S De Anza Bl
267	Sushi Ya Restaurant	21265 Stevens Creek Bl
268	Sweet Passions Bakery	20700 Stevens Creek Bl
269	Szechuan Era	10971 N Wolfe Rd
270	T G I Fridays	10343 N Wolfe Rd
271	Taco Bell #4606	10710 De Anza Bl
272	Tantau 1-Ta01	10300 N Tantau
273	Tapioca Express	10118 Bandley Dr
274	Target Store #323	20745 Stevens Creek Bl
275	Tatami Sushi & Seafood Buffet	10123 N Wolfe Rd
276	Ten Ren Tea	10881 N Wolfe Rd
277	Teriyaki Experience	10123 N Wolfe Rd
278	Thai Delight	20916 Homestead Rd
279	The Red Crane	7335 Bollinger Rd
280	Togo's Cupertino	21267 Stevens Creek Bl
281	Tutti Frutti Frozen Yogurt	10123 N Wolfe Rd
282	Una Mas Mexican Grill@Deanza	21250 Stevens Creek Bl
283	Vallco 76 Service	19550 Stevens Creek Bl
284	Valley Green Six (Vg6)	20705 Valley Green Dr
285	Venus Tam's Cafe	20956 Homestead Rd

	Restaurant/Food Facility Name	Business Address
286	Verde Tea Cafe	19620 Stevens Creek Bl
287	Vikhar Valero	1699 S De Anza Bl
288	Village Falfel	20010 Stevens Creek Bl
289	Vivi's	21731 Stevens Creek Bl
290	Vpi	19191 Vallco Py
291	Walgreens #4416	20011 Bollinger Rd
292	West Valley Community Services	10104 Vista Dr
293	Whole Foods Market	20955 Stevens Creek Bl
294	Wingstop	19620 Stevens Creek Bl
295	Yiassoo #2	10660 S De Anza Bl
296	Yogi House	19740 Stevens Creek Bl
297	Yoshida	10700 S De Anza Bl
298	Yoshinoya Restaurant #2125	19825 Stevens Creek Bl

**3. C.4.b.iii.(2): Industrial/Commercial Facilities Scheduled for Inspection in FY 11-12
(excluding food facilities)**

	Business Name	Business Address	Business Type
1	Chevron Usa Inc 95700	11010 N De Anza Blvd Ste 5700	Auto Supply And Service
2	Cupertino Beacon Service Ctr	22510 Stevens Creek Blvd	Auto Supply And Service
3	De Anza Shell Service Station	20999 Stevens Creek Blvd	Auto Supply And Service
4	Vikhar Vallero	1699 S De Anza Blvd	Auto Supply And Service
5	Jiffy Lube #2355	19480 Stevens Creek Blvd	Auto Supply And Service
6	De Anza Auto Repair	11025 N De Anza Blvd	Auto Supply And Service
7	Henry's Union 76	10490 S De Anza Blvd	Auto Supply And Service
8	Cupertino Supply Inc	10230 Imperial Ave	Building Supplies
9	Dry Clean Pro	20379 Stevens Creek Blvd	Dry Cleaners And Laundry
10	Tom Brown's House Of Miracles	21680 Lomita Ave	Auto Supply And Service
11	Cupertino Bikeshop	10493 S De Anza Blvd	Retail Sales
12	Walgreens, Store #4416	20011 Bollinger Rd	Retail Sales
13	Growing Tree Learning Center	20100 Stevens Creek Blvd, Suite	Retail Sales
14	De Anza Plumbing	10260 Imperial Ave	Contractor - Plumbing
15	Granite Rock Co	1505 S De Anza Blvd	Contractor - Specialty
16	Cupertino Custom Cabinetry	10121 Imperial Ave Ste D	Contractor - Specialty
17	Oakmont Cleaners	19948 Homestead Rd	Dry Cleaners And Laundry
18	Happy Dry Clean Shop	10020 Imperial Ave	Dry Cleaners And Laundry
19	Oasis Laundry Mat	20676 Homestead Rd	Dry Cleaners And Laundry
20	N & K Cleaners	21749 Stevens Creek Blvd	Dry Cleaners And Laundry
21	Payless Cleaners	19028 Stevens Creek Blvd	Dry Cleaners And Laundry
22	Page Boy Cleaners	10071 S Blaney Ave	Dry Cleaners And Laundry
23	Holiday Cleaners	19720 Stevens Creek Blvd	Dry Cleaners And Laundry
24	Fleur De Lis	10285 S De Anza Blvd	Florist
25	Aaron Brothers	20600 Stevens Creek Blvd	Retail Sales
27	Pier 1 Imports	20610 Stevens Creek Blvd	Retail Sales
28	T.J. Maxx	20650 Homestead Rd	Retail Sales

**4. C.4.b.iii.(2): Food Facilities and Other Facilities of Concern Scheduled for Targeted Inspection in FY 11-12
(Listed as high priority inspections due to previous violations)**

	Business Name	Business Address	Business Type
1	Benihana	10123 N Wolfe Rd	Food Facility
2	Bonjour Crepes and Sandwiches	20371 Stevens Creek Blvd	Food Facility
3	Café Torre	20343 Stevens Creek Blvd	Food Facility
4	Cupertino Bakery	10251 S De Anza Blvd	Food Facility
5	Cupertino Village	Wolfe & Homestead	Commercial/Retail
6	Homestead Center	20916 Homestead Rd	Commercial/Retail
7	Homestead Lanes	20990 Homestead Rd	Food Facility
8	Kumud Grocery	10255 S. De Anza Blvd	Food Facility
9	Lee's Sandwiches	20363 Stevens Creek Blvd	Food Facility
10	Liang's Village Cuisine	19772 Stevens Creek Blvd	Food Facility
11	Mandarin Gourmet Restaurant	10145 N De Anza Blvd	Food Facility
12	Market Place	19620 Stevens Creek Blvd	Commercial/Retail
13	Panera Bread	20807 Stevens Creek Blvd	Food Facility
14	Quiznos Sub	20672 Homestead Rd	Food Facility
15	99 Ranch Market	10983 N Wolfe Rd	Food Facility
16	Shan Restaurant	20030 Stevens Creek Blvd	Food Facility
17	Shanghai Dim Sum	19066 Stevens Creek Blvd	Food Facility
18	Siteler Wash	10500 N De Anza Blvd	Mobile Business
19	Sitler Wash	19925 Stevens Creek Blvd	Mobile Business
20	Southland Flavor Café	10825 N Wolfe Rd, #220	Food Facility
21	Strike - Bowlmor	10123 N Wolfe Rd	Food Facility
22	The Forum at Rancho San Antonio	23500 Cristo Rey Dr	Residential-Senior Living
23	Village Falafel	20010 Stevens Creek Blvd	Food Facility
24	Whole Foods Market	20955 Stevens Creek Blvd	Food Facility

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

Program Highlights

Provide background information, highlights, trends, etc.

Cupertino staff regularly attended the IND/IDDE Ad Hoc Task Group and hosted many of the meetings. Staff regularly reviewed and commented on AHTG products. Cupertino provided the facilities and assisted with organizing the May 5, 2011 training, *Conducting Effective Stormwater Inspections of Industrial and Commercial Facilities*, which included a presentation by the Environmental Programs Mgr on determining when conditionally exempted discharges are a violation. The workshop was attended by nine Cupertino staff including three inspectors (one was the IDDE Inspector), three Code Enforcement officers, and three Env. Prgms. staff. Staff has met with the City's IDDE inspector approximately twice monthly throughout FY 10-11 to evaluate improvements to investigation and enforcement response procedures (including revised forms, notice of violation letters to property owners, resolution meetings with contractors and property owners and photo documentation). Changes were reflected in updates to the City's IDDE ERP in April and June 2011.

Cupertino's GIS coordinator worked with the City's IDDE Inspector and Public Works maintenance staff to produce a City map, which accurately shows locations and unique identification labels for each of the checkpoints in the IDDE Inspector's Collection System Screening Program. (See C.5.e.iii for more information). All storm drain structures and outfalls were assigned a unique identifier number when the City developed its electronic storm drain work order system in FY 10-11.

In FY 10-11, increased inspection and data tracking requirements created program budgetary and staffing problems. Consequently, the IDDE inspector's time was diverted from drive-by inspections in the City's problem areas (224 pro active inspections conducted in FY 09-10) to assume shared responsibility for additional MRP requirements. The IDDE Inspector's responsibilities now include responding to violations discovered by Building Inspectors at residential and small construction sites (see C.6 AR), follow-up for IND violations discovered by Building Inspectors and conducting and documenting annual surveys at selected collection system screening checkpoints (see C.5.e.iii). This shift in job responsibilities to cover other aspects of stormwater discharge compliance was accomplished with regular meetings and additional training for the IDDE Inspector and by discontinuing the weekly pro-active IDDE investigative inspections in the City's problem areas. The decrease in the number of pro-active and food facility (dumpster area) inspections is shown in a chart in the IND section (4-3) of this report. The IDDE Inspector's proactive inspections for FY 09-10 and earlier years were reported in the IND section as commercial inspections.

In October 2010, through the IDDE ad hoc task group, data collection forms were updated to capture a broader range of commonly found pollutant types. Cupertino then reformatted and updated the Inspector's report form. At the end of FY 10-11, the inspector commented that he would like to have additional pollutant type category options for violations found in Cupertino (e.g. uncontained debris, observed in dumpster areas). In FY 11-12 the Environmental Programs Mgr. will check with SCVURPPP staff regarding adding categories to the drop-down menu in Cupertino's SCVURPPP-developed IDDE Excel database.

Please see the C.5 Illicit Discharge Detection and Elimination section of countywide program's FY 10-11 Annual Report for description of activities at the countywide or regional level.

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

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

C.5.d.iii ► Evaluation of Mobile Business Program

In addition to conducting routine City-wide surveillance to identify illicit discharges, the City's IDDE Inspector receives complaints through the IDDE reporting program from citizens, other City departments, and outside agencies. The IDDE Inspector is trained on the BMPs for mobile businesses developed by the BASMAA Mobile Surface Cleaners regional program. A handout on BASMAA storm drain protection BMPs is distributed by the IDDE inspector to mobile business employees whenever they are observed working in Cupertino without employing the required BMPs. When a mobile business is found in violation of the City's watershed protection code, the Inspector requires immediate resolution and documents the enforcement proceedings as outlined in the City's IDDE ERP. The property owner of the site where a mobile business is observed in violation is notified of the IDDE report by email or in a letter explaining that the property owner is ultimately responsible for the actions of contractors that are working on their site. Twice in Cupertino in FY 10-11, communication with the property owner resulted in compliance with a mobile business contractor. In addition, letters are sent to the mobile business owner or manager. Communication (i.e. phone, email, and face-to-face meetings) with the property owner and with the mobile business owner serves to encourage Cupertino property owners to hire responsible contractors and incentivizes mobile businesses to apply the required BMPs to ensure future business in Cupertino.

Please refer to the C.5 Illicit Discharge Detection and Elimination section of countywide program's FY 10-11 Annual Report for a description of efforts by countywide committees/work group and the BASMAA Municipal Operations Committee to address mobile businesses.

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

Cupertino's collection system screening sites were strategically selected from a storm drain map in FY 09-10 by the IDDE Inspector and the City's Public Works Associate Engineer to monitor structures downstream of commercial areas and outfalls at each of the City's three largest creek stretches (Stevens, Calabazas and Regnart). One site was added at Calabazas Creek and will be included in screening inspections in September 2011.

Most of the 10 checkpoints in the Cupertino Collection Screening Program looked clean and showed no indication of problems. There were four checkpoints that had initial indications of concern. The initial inspection helped ensure these locations are identified so they can be routinely

inspected to limit illicit connections or other serious problems.

Location of Outfall or Structure	Outfall Structure ID	Receiving Water Body	Insp Date; Rain < 3 weeks?	Standing Water? Description of Flow	List observed trash; odor; color; turbidity; oil sheen; sediment/debris?	Corrective Action required?	Inspector Notes
Outfall at Homestead Rd– under bridge; nearest cross street is Swallow Way	SWST 46	Calabazas Creek	8-12-10; No	Yes, steady flow; 1"	None detected	No	Water running continuously from a well; No illicit discharge or indications of problems
Outfall at Homestead Rd on same side of Calabazas Creek but further down from SWST 46 under bridge near Swallow Way	SWST 4840	Calabazas Creek	8-12-10; No	Yes; trickle flow; 1/8"	None detected	No	No illicit discharge or indications of problems
Outfalls at Vallco Pkwy on both sides of creek flow to box culvert (access is behind SCVWD gate)	SWST 2349	Calabazas Creek	8-3-10; No	Some standing water; No flow	Odor is medium, possibly due to closed in area without ventilation; color is mossy green no other characteristics observed	Check odor in Sept 2011; outfall is downstream of two future CDS units; installation (tentatively July 2012) will treat 81 acre drainage area	Popped two manhole covers on Vallco Pkwy to inspect; no negative characteristics or trash observed; follow-up in Sept. 2011 w/ attention to possible odor at outfall
Outfall at Phar Lap behind house at 10441	SWST 3519	Stevens Creek	8-3-10; No	Very little standing water; trickle flow; 1/8"	None detected	No	No illicit discharge or indications of problems
Outfall near 22045 Creekside Ct off of Phar Lap	SWST 3514	Stevens Creek	9-2-10; No	No standing water; no flow	None detected	No	Drains from residential area; No illicit discharge or indications of problems

Outfall near 22104 Clearwood Ct. On northwest side of creek,	SWST 1720	Stevens Creek	8-2-10; No	No standing water; no flow	None detected	No	Vegetation with rebar grate covers outfall
Outfall north of Stevens Creek Blvd; next to Blackberry Farm Golf Course; on the Blue Pheasant restaurant side of creek	SWST 3536	Stevens Creek	8-2-10; No	No standing water; no flow	None detected	No	No illicit discharge or indications of problems
Outfall north of Stevens Creek Blvd by Blue Pheasant restaurant (2 nd outfall)	SWST 4829	Stevens Creek	8-2-10; No	No standing water; steady pulsating flow	None detected	Continue investigation to find source of flow	No illicit discharge or indications of problems; Inspector investigated source of the flow; can't locate source; will continue investigation. Location is downstream of Stevens Creek Restoration project; note: when creek was diverted for restoration water was always present
Outfall at Bubb Rd; nearest Main is at 11257 Bubb Rd	SWST 7633	Regnart Creek	8-2-10; No	Standing water; steady 1" flow	Low turbidity; no other negative characteristics observed	Low turbidity check for sediment at next inspection	No illicit discharge at this time and the outfall was free of debris
Top of Regnart Rd, 3/4 of a mile from road to Outfall	SWST 8434	Regnart Creek	8-2-10; No	No standing water; no flow	City cleared mud, sediment, and trash out when section of pipe was replaced in 2010;	Check for sediment during next annual inspection in Sept 2011.	No illicit discharge; some sign of sediment; new plastic corrugated pipe outfall (2010) empties into Regnart Creek drains more than 50 acres

Outfall from eastbound Bollinger storm drain system to Calabazas Creek	SWST 4802	Calabazas Creek	7-26-10; No	Standing water; trickle; 1/8" flow	Color is mossy green; no other negative characteristics observed	Continue inspecting annually	At this time outfall was clean and free of debris; 25 years ago City cleaned out all debris that came from Regnart Creek; historically people used this as a dump site
Outfall near 10778 East Estates	SWST 2234	Calabazas Creek	7-26-10; No	Standing water; No flow	One piece of cloth caught on outfall; no other negative characteristics observed	Continue inspecting annually	Outfall pipe with large rocks at base of outfall;

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

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	59	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	19	32%
Discharges resolved in a timely manner (C.5.f.iii.(3))	59	100%

In FY 10-11, all IDDE data was tracked in a manner consistent with MRP requirements. Cupertino adopted the SCVURPPP-developed Excel IDDE tracking database, which makes it easier to work with the data and allows the flexibility of sorting by different fields to help develop a strategy to reduce the number of violations. Cupertino will continue to target housekeeping around trash enclosure areas (the potential violations related to this type of problem are labeled "dumping – non hazardous" for lack of a more appropriate category). See the table below and the chart in section C.5.f.iii.(4) for a look at the City's potential violations and discharge types.

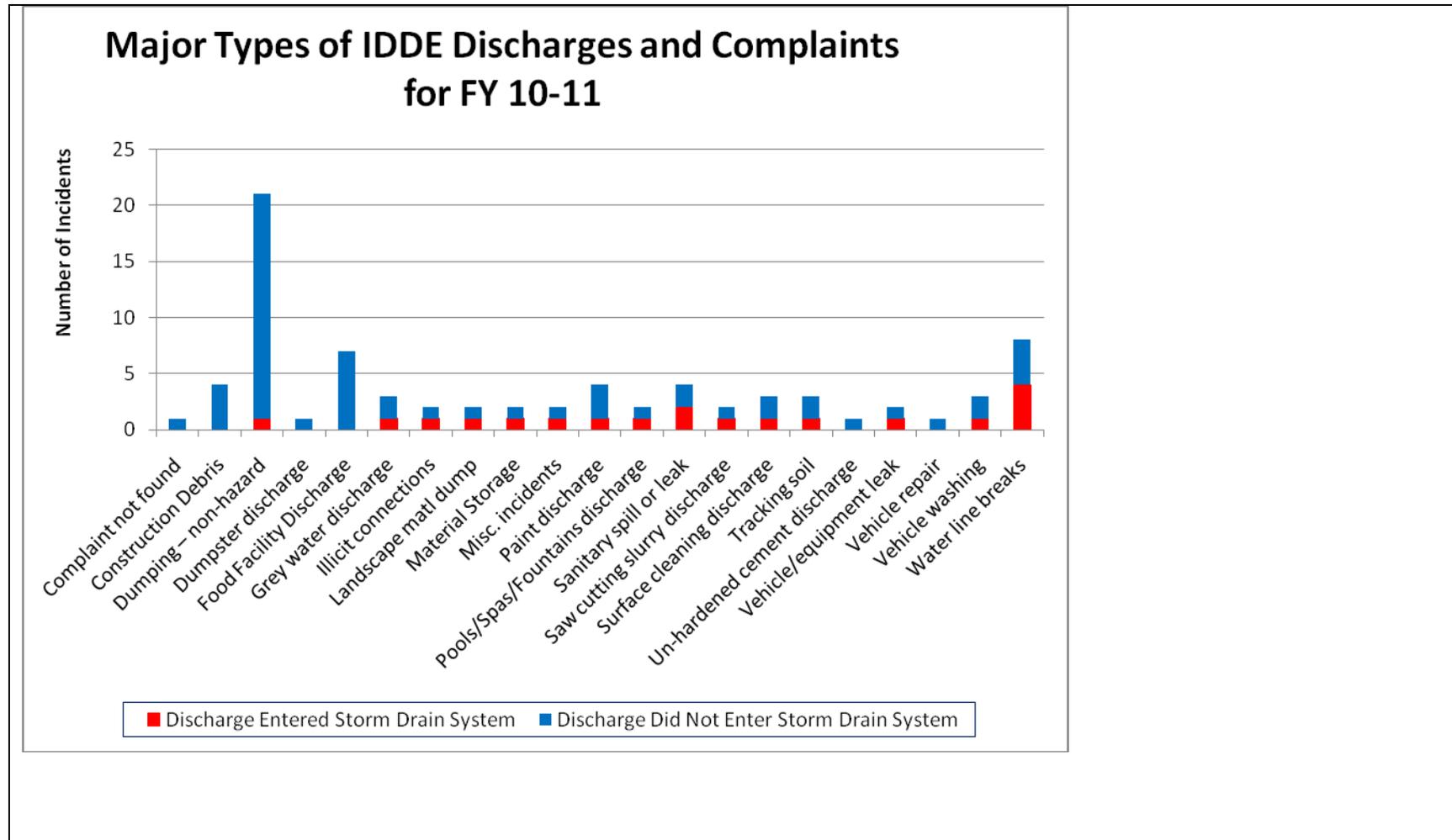
Types of discharges and complaints	Number	Percentage
Dumping – non-hazardous	20	34%
Food Facility Oil & grease discharge	7	12%
Construction Debris	4	7%
Water line breaks	4	7%
Paint discharge	3	5%

Grey water discharge	2	3%
Sanitary spill or leak	2	3%
Surface cleaning discharge	2	3%
Tracking soil	2	3%
Vehicle washing	2	3%
Complaint not found	1	2%
Dumpster discharge	1	2%
Illicit connections	1	2%
Landscape material dumping	1	2%
Material Storage	1	2%
Misc. incidents	1	2%
Pools/Spas/Fountains discharge	1	2%
Saw cutting slurry discharge	1	2%
Un-hardened cement discharge	1	2%
Vehicle & equipment leaking	1	2%
Vehicle repair	1	2%
	59	100%

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

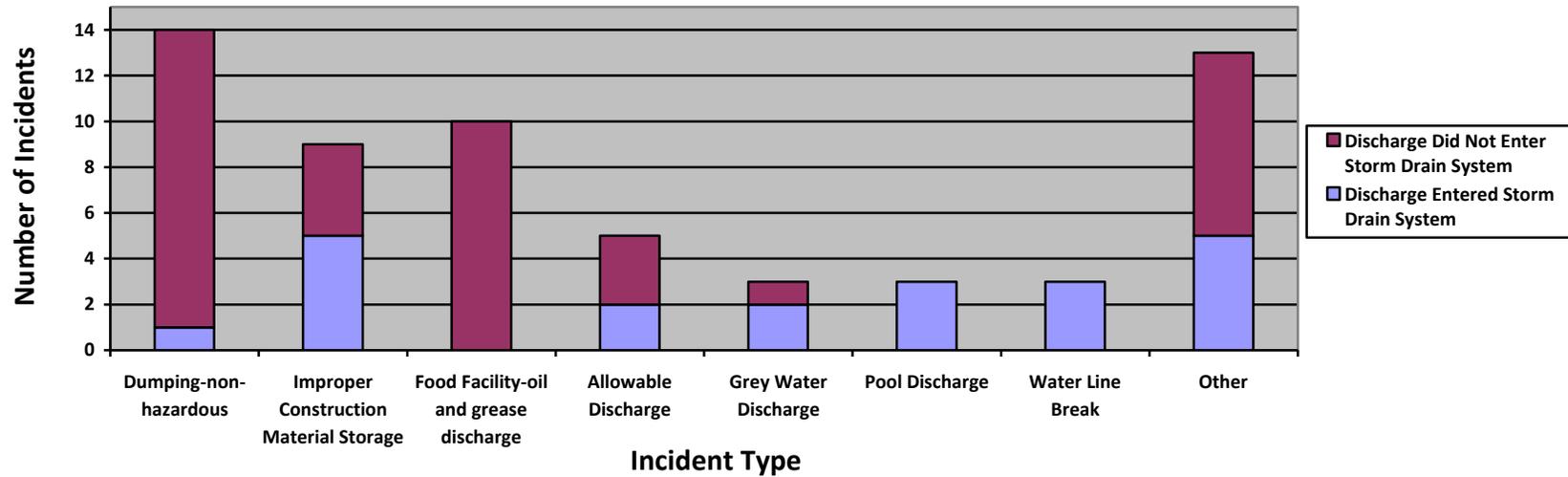
Provide a narrative or attach a table and/or graph.

See chart below.



To compare FY 10-11 incident responses to the incident responses for the previous year (FY 09-10) refer to the chart on the following page. The incidents categorized as *dumping – non hazardous* are usually unkempt dumpster areas in commercial (retail and restaurant) areas that require better housekeeping. Cupertino has targeted food facilities in its IND Business Inspection Plan to curtail violations related to grease and litter/debris issues (trash enclosure and dumpster areas). The increased scrutiny appears to be working well for Cupertino as the percentage of discharges in both *food facility* and *dumping non-hazardous* categories that reach the storm drain system remains low.

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



*Other includes:

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

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

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals		
Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (C.6.e.iii.1.c)
2	4	64
<p>Comments: In addition to the 64 storm water inspections noted above (done by the Public Works Engineering Inspector), in FY 10-11, Building Inspectors conducted 17,883 inspections and the Public Works Engineering Inspector performed seven additional (complaint-based or residential) inspections at sites not targeted for monthly inspections during the rainy season. All Building inspectors are trained on storm water issues annually. Building Inspectors require immediate correction of problems or they refer incidents to the IDDE Inspector for further enforcement. Stormwater violations and enforcement actions referred to the IDDE Inspector by the Building Inspectors and complaint-based Public Works inspections are tracked as IDDE incidents and included in the IDDE section of the Annual report.</p>		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations	% of Total Violations
Erosion Control	3	7.7%
Run-on and Run-off Control	0	0%
Sediment Control	14	35.9%
Active Treatment Systems	0	0%
Good Site Management	19	48.7%
Non Stormwater Management	3	7.7%
Total	39	100%

C.6.e.iii.1.e ► Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP)	Number Enforcement Actions Taken	% Enforcement Actions Taken
Level 1	Verbal Warnings	10	43.5%
Level 2	Written Notice	13	56.5%
Level 3	Pre-Citation Letter or Citation with Fine	0	0%
Level 4	Stop Work Order	0	0%
Total		23	100%

C.6.e.iii.1.f, g ► Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)	0
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)	0

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

	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	23	100%
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0%
Total number of violations for the reporting year¹¹	23	100%
Comments: The Public Works Inspector generally verifies compliance within 3 days or less.		

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

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
Description: The Public Works Engineering Inspector noted that a site may receive more than one verbal warning or written notice for the same violation category (e.g. good housekeeping), but they are not repeated warnings for the same problem. Repeated or unresolved issues are escalated to

¹¹ Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

the next enforcement level. Violations are generally corrected on the same day, or within 48 hours, or before the next rain event.

It has taken some time, as noted in the Water Board's comments on the FY 09-10 annual reports, for Cupertino staff to establish and understand a database that reflects all of the required fields and only the required inspection activities, yet provides enough information to make note of any meaningful trends. A brief comparison chart of findings from last year and this year is provided below.

	Erosion Control	Run-on & Runoff	Sediment Control	Active Treatment	Good Site Management	Non-Stormwater Management
FY 10-11	3	0	14	0	19	3
FY 09-10	8	0	22	0	10	0

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

Cupertino's Construction Site Inspection Program for sites disturbing more than an acre and for C3 regulated project (high priority) sites is conducted by the Public Works Engineering Inspector. The Environmental Programs Manager was a regular participant in the Construction Inspection Ad Hoc Task Group and conveyed information to the Public Works Engineering Inspector regularly.

The Environmental Programs Manager and the Public Works Engineering Inspector have used data in the table above to identify problem areas and develop an approach to improving compliance. Although good housekeeping is currently the category with the greatest number of problems, it also includes a wider variety of issues, from managing stockpiles and sanitation facilities to removing landscaping spoils and trash. Sediment control, the second most problematic category, will be the Public Works Inspector's primary focus at construction sites in the next fiscal year.

The Inspector notes that a particular weak point in the construction site storm water inspection program is obtaining sediment control compliance from Grad All operators, as they are accustomed to driving equipment via the shortest (often muddy) distance across a construction site rather than staying on rock or gravel areas that would reduce mud tracking. The Public Works Engineering Inspector plans to remind site supervisors at his initial rainy season inspections of the requirement to eliminate mud tracking.

The Public Works Engineering Inspector also provided feedback on the enforcement levels, which prompted the change to issue a citation or citations from Code Enforcement with incremental fines, before a stop work order is issued.

During FY 10-11, the City's construction inspection ERP was updated after MRP requirements were clarified and the City was asked to provide a copy of its database for Water Board review. Adhering to the data tracking element of the Construction Site Inspection Program had been challenging, as routine and complaint- or referral-based inspections were also tracked in the construction inspection database. The City's construction database is now used only to track the Public Works Engineering Inspector's high priority sites, sites disturbing one acre or more, and any other sites that require a SWPPP. If other construction site inspections are conducted, these are recorded in the IDDE database with "construction sites" as the source. The Environmental Program Manager anticipates the data tracking element of the program will become easier to implement as City staff become more accustomed to the new

reporting forms, the database, and the revised ERP.

Typically, the contractors at all of the sites inspected in FY 10-11 were able to fix any problems within a few hours or by the next day. This is facilitated by having the Building Inspectors function as an additional City field presence. These inspectors are trained to identify stormwater issues (they also conduct the City's industrial commercial inspections at non-food facilities) and, if feasible, require immediate resolution of construction-related stormwater quality violations. If remediation will take longer, they refer incidents to the City's IDDE Inspector for follow-up. In all cases, resolution occurs within ten days of discovery of a problem. Building Inspectors conducted 17,883 inspections from 07/01/2010 – 06/30/2011. Follow-up for any potential violations discovered during building inspections is reported in the IDDE section of this report.

In response to Water Board comments on the FY 09-10 Annual Report, the City revised its Construction Inspection database in February 2011. The abbreviated sample below shows two new fields (sites that Disturb ≥ an Acre of land and Inspection Type). However, it does not include all of the fields in Cupertino's Construction Inspection Tracking database.

Sample Does Not Include All Data Fields

Site	Inspectn Date	Dist ≥ 1 Acr	Enfrc	Eros	Run on/off	Sed	Trtmt	Si	Mgmt	Non SW Mgmt	Illic Dschrg	Inspector Comments	10 Days	Insp Type
Amelia Ct Subdivision	9/17/2010	NO	Verbal			x						Install straw wattles and protect nearby inlets	x	Routine
Amelia Ct Subdivision	9/21/2010											Return inspection to verify problems observed 9/17/2010 corrected		Follow-up
Amelia Ct Subdivision	10/25/2010		Verbal						x			Clean up all construction related debris/trash	x	Routine
Amelia Ct Subdivision	10/27/2010											Return inspection to verify problems observed 10/25/2010 corrected		Follow-up
Amelia Ct Subdivision	11/22/2010											Monthly/Storm Inspection		Routine
Amelia Ct Subdivision	12/20/2010											Monthly/Storm Inspection		Routine

Amelia Ct Subdivision	1/31/2011										Monthly/Storm Inspection		Routine
Amelia Ct Subdivision	2/21/2011		Verbal					x			Cover soils piles and remove debris	x	Routine
Amelia Ct Subdivision	2/23/2011										Return inspection to verify problems observed 2/21/2011 corrected		Follow- up
Amelia Ct Subdivision	3/25/2011										Monthly/Storm Inspection		Routine
Amelia Ct Subdivision	4/21/2011										Monthly/Storm Inspection		Routine
Amelia Ct Subdivision	5/18/2011										Monthly/Storm Inspection		Routine

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Qualified SWPPP Practitioner Certification	Feb 2 nd – 4 th , 2011	Construction Site SWPPP Development Training overview and stormwater regulations; Erosion processes and sediment production; General Permit requirements for storm water discharges associated with construction and land disturbance activities ; Construction site BMPs; SWPPP implementation; monitoring; and Site risk assessment	1 Public Works Engineering Inspector	100%
Tailgate meetings with Env Progs staff and the PW Eng. Inspector to discuss MRP compliance and site inspection practices	Informally and regularly as follow up to SCVURPPP	Database modifications, enforcement response practices; and reporting requirements	1 Inspector	100%

	Construction AHTG meetings			
Building Inspector's Staff Meeting	June 21, 2011	<ol style="list-style-type: none"> 1. Storm water inspections at constructions sites 2. MRP Requirements for conducting and tracking construction site Inspections and Industrial/Commercial Inspections 3. Revisions to the City's ERPs 4. Escalating enforcement: referral to IDDE Inspector5 	5 Building Inspectors	100%

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

C.7.b.ii.1 Advertising Campaign

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

Summary:

The following separate reports developed by SCVURPPP summarize countywide advertising efforts conducted during FY 10-11: These reports are included within the C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report.

Highlights of the Program's accomplishments of FY 10-11 PI/P projects and ongoing projects are described in the sections below according to permit requirements.

C.7.b.ii.1 Advertising Campaign

- FY 10-11 Watershed Watch Campaign Annual Campaign Report
- FY 10-11 Watershed Watch Partner Report
- FY 10-11 Watershed Watch Web Statistics Report

C.7.c Media Relations

- FY 10-11 BASMAA Media Relations Final Report

C.7.h. School-Age Children Outreach

- ZunZun School Assemblies for Watershed Watch Campaign- FY 10-11 Academic Year Final Report
- Memorandum- Evaluation of the School Assembly Program- FY 10-11
- Watershed Watchers: Keeping Our Waterways Clean: FY 10-11 Fourth Quarter Report (includes end-of-year Summary from Alviso Education Center)

The following separate reports developed by SCVURPPP summarize countywide advertising efforts conducted during FY 10-11:

- FY 10-11 Watershed Watch Campaign Annual Campaign Report
- FY 10-11 Watershed Watch Partner Report
- FY 10-11 Watershed Watch Web Statistics Report

These reports are included within the C.7 Public Information and Outreach section of Program's & City's FY 10-11 Annual Report.

- Public Outreach Events

- Citizen Involvement Events – Watershed Watchers Program at the Don Edwards San Francisco Bay National Wildlife Refuge, and funding for advertising the National River Cleanup Day.
- School Age Children Outreach ZunZun School Assemblies and Watershed Watchers
- Program at the Don Edwards San Francisco Bay National Wildlife Refuge.

Regional Activities

- BASMAA Media Relations Project
- BASMAA IPM Store Partnership Program
- BASMAA Regional Advertising Campaign, including six pitches. The topics include the following: Rainy Season/Car Maintenance PSAs; Don't Burn Holiday Gift Wrap; □ Reusable Lunch Boxes/Water Bottles; Hiring an IPM Certified PCO; Ant Control PSAs; and Summertime Reusables/Anti-Litter Tips.

Program Campaigns are as follows:

- Litter/TV – Litter Advertising
- Litter messages "Litter is Water Pollution" (KARMA message)
- Car Wash Radio and Web Ads & Discount Cards
- Green Gardener Class Radio Ad - Green Gardener Classes –Cupertino advertised the Green Gardener Classes on the City's website, and in Cupertino Scene articles.
- Web/Online Ads
- Facebook-Fan-Web Ads
- Litter Transit Ads –Cupertino contributed additional funding toward the Santa Clara Valley Urban Runoff Prevention Program Watershed.
- Watch Anti-Litter/Storm Drain Awareness Transit Advertising Campaign.
- IPM Advertising- "Watch Out for Pesticides" radio ads promoting the use of IPM practices & Green Gardener Program
- Happy Hollow Park and Zoo signage
- Yamagami's Nursery and Jiffy Lube, and development of six new partnerships.

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

As part of the City's Household Hazardous Waste (HHW) campaign, a HHW display was available for viewing from 10/4/10 – 10/31/10 at Cupertino's Quinlan Community Center, prior to Cupertino's annual 10/30/10 HHW Event. Outreach literature included: mercury disposal, fluorescent light bulb disposal, mercury thermometer disposal, prescription medicine & syringe/needle drop off locations & other HHW services for residents & small businesses.

As part of the City's Auto Pollution Campaign, an Auto Pollution display was available for viewing from 11/1/10 – 12/3/10 at Cupertino's Quinlan

Community Center. Outreach included information on water pollution prevention for vehicles, including "Cars Pollute Water Too" and "Keeping it All in Tune," and literature explaining impacts of copper pollution from brake pads.

Provided annual outreach training with the City Arborist and Creek Education staff on how to use the Enviroscope and planned for implementing an extensive training with teachers, schools and through the creek education program.

2/9/11 Updated Environmental Programs website to include Take Action - Report Illicit Stormwater Discharges (C.5. IDDE) information. Renamed sections to align with MRP permit and to help residents navigate through website. Also included in C.5 section.

Bay Friendly Professional Training Program was advertised on the City's website as of 2/10/11 and will continue as long as Bay Friendly classes are provided Countywide.

The City Advertised the Green Gardener program in its Cupertino Scene Newsletter on September 2010, and also advertised the program's course schedule on the City's website.

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

Grant Application Partnership with the Stevens & Permanente Creeks Watershed Council

SCVURPPP staff [and the cities of Cupertino, Mountain View and Sunnyvale] assisted the SPCWC in preparing a grant application for the Water District's Watershed Stewardship Grant. The application requested funding to implement the SPCWC's Volunteer Monitoring and Outreach Program (VOMP). In hopeful anticipation of the project, the City of Cupertino provided five water monitoring kits to SPCWC for volunteers. The grant application was selected for funding. Cupertino has reserved Blackberry Farm and site for the Stevens Creek Restoration project for a volunteer World Monitoring Day event on October 15, 2011, which is expected to draw a crowd of up to 80 students and other volunteers. City staff will help supervise and train volunteers at the October 15th event and will offer other in-kind services to assist the SPCWC in the implementation of the VMOP which may include the purchase of more equipment or tools for volunteer water monitors, a site for additional educational events and participation in VMOP meetings. Additional information is provided in Section 8 of the SCVURPPP's Annual Report.

The City of Cupertino received an award for the Stevens Creek Corridor Park and Restoration Project, Cupertino - Winner of the 2010 SCVURPPP Site Design Award in the Public Projects category.

Project Description: Primary goals of the project were to restore Stevens Creek, support and enhance natural hydrologic processes, and improve wildlife and habitat values. A related goal was to reduce impervious cover. Because protection of creek water quality was essential, the design aimed to completely eliminate site runoff to the creek and use all rain and storm flows to water native plantings or provide infiltration, bioswales, detention, and evapotranspiration. Additional goals were to construct a creekside trail, to open public land within the creek corridor to year-round use, and renovate aging recreation amenities. *Green Street Features:* The former asphalt entry led to a parking lot that was completely paved with asphalt and extended to the edge of the creek channel. There were no trees, plantings, or shade, nor opportunity for infiltration. Runoff went directly into the creek. The new entry drive is lined with big-leaf maple trees, a species native to the creek corridor, and leads to a green parking area with extensive plantings. The new parking lot is constructed entirely of pervious surface. The parking bays contain recycled plastic geocells that support vehicle weight above a layer of drain rock. The geocells are plantable and backfilled with a specially designed and engineered proprietary soil mix. Parking lot drive aisles are made of porous concrete, colored to match the native earth and reduce heat gain. Vegetated parking bays are planted with native grasses and meadow plants.

Blackberry Farm Project Highlights:

Restored 2,250 feet of Stevens Creek in Blackberry Farm area
 Removed 3.4 acres of impervious surface
 Site incorporates fully permeable parking area and landscaped detention /infiltration areas
 6 acres of new habitat all designed with locally-native plant species

C.7.b.iii.1 ► Pre-Campaign Survey

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

Not required for this Annual Report

- Summary of how the survey was implemented.
- Analysis of the survey results.
- Discussion of the outreach strategies based on the survey results.
- Discussion of planned or future advertising campaigns to influence awareness and behavior changes regarding trash/litter and pesticides.

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

	Survey report included in data.
X	Reference to regional submittal: Program's FY 10-11 Annual Report

C.7.c ► Media Relations

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

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

Summary:

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 10-11:

- BASMAA Media Relations Final Report FY 10-11

This report and any other media relations efforts conducted countywide is included within the C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report.

Cupertino Summary: (Local Cupertino Media Activity)

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

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

Santa Clara County Watershed PSA – 5 times weekly (average)
Give an Experience PSA – 5 times weekly (between Thanksgiving and New Years only)
PSA – Save the Bay (Plastic Bag Pollution) (airs twice a week)
Earth Day 2009 Spot – Acterra (airs once a week)
Earth Day 2009 Spot – Department of Environmental Health (airs once a week)
Earth Day 2009 Spot – Heifer (airs once a week)
Earth Day 2009 Spot – Lawson eClub (airs once a week)
Earth Day 2009 Spot – Permanente (airs once a week)
Earth Day 2009 Spot – PG&E (airs once a week)
Earth Day 2009 Spot – YMCA (airs once a week)
Earth Day 2010 Spot – Current Moves (airs three times a week)
Earth Day 2010 Spot – Environmental Services (Non-Point Source Pollution) (airs three times a week)
Earth Day 2010 Spot – McClellan Ranch Nature Programs (airs three times a week)
Earth Day 2010 Spot – SCVWD (airs three times a week)
Earth Day 2010 Spot – SunPods (airs three times a week)
Earth Day 2010 Spot – WV Greenleaf (airs three times a week)
Earth Day 2010 Spot – 511.org (airs three times a week)
Earth Day 2011 Spot – Acterra (airs five times a week)
Earth Day 2011 Spot – CNPS (airs five times a week)
Earth Day 2011 Spot – Energy Upgrade (airs five times a week)
Earth Day 2011 Spot – Green Steaders(airs five times a week)
Earth Day 2011 Spot – Sun Work (airs five times a week)
Energy Audit 2010 PSA (airs once a week)
Five Cheeses Music Video (airs twice a week)

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

PSA-AD Energy-April 15.mxf
PSA-AD Energy-April 30.mxf
PSA-AD Energy-Energy Savers 15.mxf
PSA-AD Energy-Energy Savers 30.mxf
PSA-AD Energy-Everyone 10.mxf
PSA-AD Energy-Everyone 15.mxf
PSA-AD Energy-Everyone 30.mxf
PSA-AD Energy-Hog Commandos 30.mxf
PSA-AD Energy-Hog Commandos 60.mxf
PSA-AD Energy-Magic 10.mxf
PSA-AD Energy-Magic 15.mxf

[PSA-AD Energy-Magic 30.mxf](#)
[PSA-AD Energy-Magical Things 15.mxf](#)
[PSA-AD Energy-Magical Things 30.mxf](#)
[PSA-AD Energy-Malcolm 15.mxf](#)
[PSA-AD Energy-Malcolm 30.mxf](#)

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

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

Cupertino Earth Day 2010 Highlights - (25 minute program has been airing approximately once a month)
GreenBiz Cupertino: Lessons Learned: Q& A with Existing Cupertino Certified Green Businesses (30 min.) - airs an average of once a week
GreenBiz Cupertino : Program History, Goals, and Specifics (20 min.) - airs an average of once a week
GreenBiz Cupertino : PG& E: Business Tools and Incentives (13 min.) - airs an average of once a week
GreenBiz Cupertino: Santa Clara Valley Water District: Audits & Rebates (15 min.) - airs an average of once a week
GreenBiz Cupertino: Recology: New Cupertino Waste Management and Resource Recovery Services (14 min.) - airs an average of once a week
GreenBiz Cupertino: City of Cupertino: MiniGrants and Kirsch Center Partnership (14 min.) - airs an average of once a week
GreenBiz Cupertino: Participant Feedback: Strategies to Expand Program Participation (11 min.) - airs an average of once a week
Plastic Pollution Prevention Summit: Introduction/Understanding and Responding to Industry Claims about Plastic Bans (40 min.) - airs an average of once a week
Plastic Pollution Prevention Summit: Sources, Impacts and Magnitude of the Problem (55 min.) - airs an average of once a week
Plastic Pollution Prevention Summit: How to Advocate for a Plastic Bag Ordinance (25 min.) - airs an average of once a week
Plastic Pollution Prevention Summit: Key Outreach Tools for Plastic Bag Reduction (45 min.) - airs an average of once a week
Plastic Pollution Prevention Summit: Bans on Foam Plastics: Why and How (75 min.) - airs an average of once a week
Plastic Pollution Prevention Summit: EPS Alternatives (50 min.) - airs an average of once a week
Plastic Pollution Prevention Summit: Beyond Product Bans (40 min.) - airs an average of once a week
The Story of Stuff - This short, animated documentary, written and narrated by filmmaker Annie Leonard, follows the lifecycle of material goods. The film promotes sustainability and is critical of excessive consumerism. (22 min.) – airs an average of once a week

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

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

LOCALLY PRODUCED RADIO SPOTS*

Recology Cupertino Expanded Services PSA – 25 times a day (airing since June 17, 2010)
Fluorescent Bulb Recycling PSA – 25 times a day (airs for the entire year)
Electronic Waste Event PSAs – 25 times a day (promotes four events per year)

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

Newsletter, newspaper articles, ads:

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

Cupertino Scene articles:

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

- 7/10 & 8/10: Expanded New Recycling Services Effective November 1, Citywide Garage Sale is Coming, Water Conservation & Tips, Household Hazardous Waste Event, Important Contacts for Reporting Storm Drain Violations.
- 09/10: Free Compost Classes in Cupertino, Want to Create A Beautiful, Healthy, Sustainable Garden & Learn to Compost Too?, Professional Green Gardener Training, Household Hazardous Waste Event, New Composting Services effective November 1, Creek Clean Up Event, Need to Drain your Pool?
- 10/10: Household Hazardous Waste Event held in October; Last Chance for Compost; October 23 Environmental Day -(Drop-off Event for E-waste, U-waste, etc.), and Shredding Event; November 20 Free Backyard Compost Class; Needle and Syringe New Drop off Locations; New Expanded Recycling Services to Cupertino; Pesticides and Water Quality, Copper in Brake Pads.
- 11/10: Treating Bed Bug Infestations; America Recycles Day-Almost everything can be Recycled, Reusable Shopping Bags, Switch From Wood to Gas, Wood Burning Tips.
- 12/10: New Recycling & Compost Service; February 16- Free Compost Class; Interested in Becoming a Master Composter?; Food Preparation; Recycling during the Holidays, Extra Holiday Trash.
- 2/11: March 19th Environmental Recycling & Shred It Day; How to Cars Contribute to Bay Pollution?; What should I do if A Mercury Containing item Breaks or Spills; Cupertino's New Recycling programs; March 16th Backyard Compost Workshops
- 3/11 Cupertino's Earth Day Event; May 19th Environmental Recycling and Shred It Event; Create A Beautiful, Healthy, Sustainable Garden & Learn to Compost Too? May 21, Creek Clean Up Event; Make a change to compact Fluorescent Light bulbs, Compost Available Again for Cupertino Residents; Pest Control Information Available
- 4/11 Create a Green & Sustainable Garden and Learn to Compost too, Cupertino Earth Day Festival, compost Available Again; Sustainable Garden & Learn to Compost Too? May 21, 211 Creek Clean Up Event; Are you participating in the City's New Recycling and Composting Services to Cupertino Residents? Used Motor Oil Proper Disposal
- 5/11: Another Environmental Recycling Day & Document Shredding Event Saturday, May 21; Creek Clean Up May 21 Event; Help Keep Our Storm Drains and Waterways Clean; Washing Your Car Tips; May 18 & June 29 Free Worm Compost Class;
- 6/11: Help protect Cupertino's Creeks and Bay-Illegal Dumping/Discharges In or Near Storm Drains; When do you report an illegal discharge or dumping incident? Your Gardener a Green Gardener?, Compost with Success; Start a Worm Compost Bin for Food Scraps; Spring Into Action Exercise Caution When Choosing Pesticides

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

Cupertino Courier articles & Associated Cost if Newspaper Charged the City for Articles:

Recology, City offering free drop-off recycling day 7/16/10 \$139.50 worth
Garage Sale coming to Cupertino (9/3/10)\$139.50 worth, 9/24/10 \$139.50 worth
Household Hazardous Waste Drop-Off Event ads before the August '10 HHW event (8/20/10 \$139.50 & 8/19/09 \$139.50)
Car Wash Kits Available for Fundraisers (9/17/10) \$68.25
Environmental Recycling Day (7/16/10) 2 X 2= \$69.25
Garage Sale Coming to Cupertino (9/3/10) 4X 2=\$139.75
City/Recology Host Backyard Compost Classes (9/17/10) \$139.75
City Gearing Up for Annual Garage Sale (9/24/10) 4 X 2 = \$139.75
Residents can start to Compost at Free Workshop (11/20/10) \$68.25
Thanksgiving will delay Garbage Services by a Day (11/10/10) \$68.25
Free Backyard Compost Classes set for February 16 (2/11/11) \$139.75
Recycling and Shredding Day set for March 19 (3/11/11) \$139.75
Residents Can Expect An Increase In Sewer Rates After Sanitary District's Decision (5/24/11) \$279.50
Classes Show How the Worm Trash to Compost (4/22/11) \$68.25

Cupertino Courier ads:

Mercury Pollution - Fluorescent Bulb Recycling Take Back Locations. Ads submitted by the County and paid jointly by the cities, and in conjunction with PG&E (9/17/10, 9/24/10, 10/8/10,10/15/10, 10/22/10, 10/29/10, 11/5/10)

Environmental Recycling Day 7/16/10

Preview of New Curbside Recycling Services for Cupertino Residents 7/23/10

Cupertino Citywide Garage Sale (8/13/10, 8/20/10, 8/27/10, 9/3/10, 9/17/10, 9/24/10)

Cupertino's Free Backyard Compost Workshops (9/25/10, 11/20/10)

Cupertino Environmental Recycling Day (10/15/10)

Environmental Recycling Day (3/11/11)

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

Provided notices to City employees as a reminder to use less-toxic pest control methods in their own homes, and not to use over-the-counter pesticides on the job unless they are a licensed pest control operator for the City. (8/24/10)

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

An email was sent to employees on 9/7/10 & 4/26/11 informing them of the importance of battery recycling and listed locations of battery recycling containers at City Hall, Quinlan, Senior Center, and Service Center.

In FY 2010-11, the City of Cupertino contributed \$21,400 to pay for a new high-tech program for two Cupertino schools (Lincoln Elementary and Kennedy Middle school) to help keep cars off the road. The schools launched their respective Leopard Trax and Cougar Trax programs, which use technology to reward students who bike and walk to school. The technology, called Boltage, measures how many students walk and bike to school in one of the most car-congested areas in the city. The city of Cupertino's Public Safety Commission and parent volunteers worked on this

project to tackle vehicle congestion. The Boltage system uses a machine called "the zap," a solar-powered radio frequency identification reader. Students who walk and bike in the program get an RFID tag that attaches to their backpacks, and the zap reads their unique number when they go past it near school entrances.

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 10-11:

No changes were made to Cupertino's program.

Refer to the C.7 Public Information and Outreach section of the Program's FY 10-11 Annual Report for efforts conducted by the countywide program to publicize stormwater points of contact.

C.7.e ► Public Outreach Events

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

Use the following table for reporting and evaluating public outreach events

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Name: Cupertino's Environmental Recycling Day Dates: 7/24/10, 10/23/10, 3/19/11, 5/21/11 Location: De Anza College Region: Local	Type of Event: Drive through, drop off service. Audience: Cupertino residents Message: encourage extended use of products and to prevent valuable resources into the landfill.	General Feed Back: Very Successful Estimated Overall Event Attendance: Number of Brochures Distributed: 0 7/24/10 <u>333</u> vehicles 26,554 pounds collected 10/23/10 <u>264</u> vehicles 24,998 pounds collected 3/19/11 <u>492</u> vehicles 26,638 pounds collected 5/21/11 <u>170</u> vehicles 12,235 pounds collected
Name: Backyard Boogie Date: July 13, 2010 Location: Cardoza Park, Milpitas Region: City	Type of Event: Community musical event Audience: Adults Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of household hazardous waste (HHW).	General Feed Back: Event was well attended; however attendees visited the booths only during the breaks. Attendees were mostly adults. Estimated Overall Event Attendance: 600 Number of Brochures Distributed: 161 Number of Giveaways Distributed: 259
Name: Advantest Eco Faire Date: August 13, 2010 Location: Advantest Corp., Santa Clara Region: Countywide	Type of Event: Corporate event Audience: Employees Messages: Stormwater pollution prevention, less-toxic pest control	General Feed Back: The event was held during lunch hour in the cafeteria. Not many employees stopped at the booth to ask questions and take brochures. Due to the low attendance, the Program will not participate in this event next

		<p>year. Estimated Overall Event Attendance: 500 Number of Brochures Distributed: 48 Number of Giveaways Distributed: 65</p>
<p>Name: Fiestas Patrias Parade & Festival Date: September 12, 2010 Location: Guadalupe River Park and Gardens, San Jose Region: Countywide</p>	<p>Type of Event: Community event Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.</p>	<p>General Feed Back: This event is a good venue for reaching out to the Spanish speaking community. However, the event organizers did not provide a good location for the Watershed Watch booth, and as a result not many people stopped by. The Program will participate in this event next year only if a good booth location is available. Estimated Overall Event Attendance: 5,000 Number of Brochures Distributed: 163</p>
<p>Name: Silicon Valley Fall Festival Location: Memorial Park, Cupertino Date: 9/25/10 & 9/26/10 Region: Local</p>	<p>Type of Event: Community Fair - Health Education & Safety, including Keep it Green Environmental Fair. Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control, proper disposal of household hazardous waste (HHW), Solid Waste Resource Reduction and Recycling, and Energy Efficiency</p>	<p>General Feed Back: The event was very well attended. Many attendees stopped at the booth to play Environmental Jeopardy and collect brochures & giveaways. This is a good event for educating families with children. Estimated Overall Event Attendance: 10,000 visitors 161 visitors at the City's table Number of Brochures Distributed:500</p>
<p>Name: Silicon Valley Fall Festival Location: Memorial Park, Cupertino Date: 9/25/10 & 9/26/10 Region: Local</p>	<p>Stevens & Permanente Creeks Watershed Council (SPCWC) staff had an informational table there both days from 10-5. Displays of what they do and why they do it, hand out brochures, invite folks to look at the fresh creek bugs they have in a tray and even offer the opportunity for visitors to do a bit of water quality monitoring on the portable creek they bring along – a bucket of water.</p>	<p>General Feed Back: This is an important opportunity for SPCWC to reach folks we could not otherwise reach. Since this is not a specific environmental event, this is a great opportunity to reach folks who are not already inclined to think about how their actions affect the quality of habitat in our local creeks. Estimated Overall Event Attendance: 300 visitors at booth.</p>
<p>Name: Pumpkins in the Park Date: October 9, 2010 Location: Guadalupe River Park and Gardens, San Jose Region: Countywide</p>	<p>Type of Event: Community fair Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.</p>	<p>General Feed Back: Good attendance with lots of children and families. This is a great event for educating families with small children. Estimated Overall Event Attendance: 12,000-15,000</p>

		Number of Brochures Distributed: 332 Number of Giveaways Distributed: 727
Name: Annual Wildlife Education Day (Audubon Fair) Date: 10/23/10 Location: McClellan Ranch, Region: Local	Type of Event: Wildlife & Environmental Educational Audience: Families with children Message: To preserve, restore and to foster public awareness of native birds and their ecosystems, mainly in Santa Clara County.	General Feed Back: The event was very well attended. This is a good event for educating families with children. Estimated Overall Event Attendance: 450 visitors and approximately 75 at the City's table. The Enviroscape and Environmental Jeopardy game was very successful in engaging school age children. Number of Brochures Distributed: Only a small amount of brochures were distributed. <i>(Participants were less interested in the brochures and more interested in playing the Environmental Jeopardy game and watching the Enviroscape demonstration).</i>
Name: Haunted History Date: October 31, 2009 Location: History Park at Kelley Park, San Jose Region: Countywide	Type of Event: Halloween Event Audience: Families with children Messages: Stormwater pollution prevention and proper disposal of HHW	General Feed Back: The event was very well attended. Event organizers encouraged attendees to participate in activities at each booth. As a result a lot of children stopped by the booth and played the beanbag game. Estimated Overall Event Attendance: 1,500 Number of Brochures Distributed: 23 Number of Giveaways Distributed: 443
Name: Muslim Green Fair Date: November 6, 2010 Location: 3003 Scott Blvd., Santa Clara Region: Countywide <i>Cupertino Staff participated in this event.</i>	Type of Event: Community fair Audience: Families with children Messages: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW	General Feed Back: This is a good event for reaching members of the Muslim community. The beanbag game was a big hit at this event and the other booths tied in nicely with the Program's messages. Few people wanted to take brochures, but many had questions and read through the material. Estimated Overall Event Attendance: 1,000 Number of Brochures Distributed: 14 Number of Giveaways Distributed: 221
Name: Earth Day at San Jose State Date: April 21, 2011	Type of Event: College event Audience: Young adults, students	General Feed Back: Well organized and a good place to reach college-aged students and many

<p>Location: San Jose State University, San Jose Region: Citywide</p>	<p>Messages: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW</p>	<p>school groups. Estimated Overall Event Attendance: 3,000 Number of Brochures Distributed: 61 Number of Giveaways Distributed: 217</p>
<p>Name: NVIDIA Corp. Earth Day Event Date: April 21, 2011 Location: 2701 San Tomas Expwy, Santa Clara Region: Countywide</p>	<p>Type of Event: Corporate event Audience: Information Technology Professionals Message: Stormwater pollution prevention, less-toxic pest control</p>	<p>General Feed Back: This event is very well organized and a lot of employees stopped at the booth to ask questions. Not many were interested in taking brochures but noted down the website for future reference. Estimated Overall Event Attendance: 500-1,000 Number of Brochures Distributed: 19 Number of Giveaways Distributed: 299</p>
<p>Name: Mission College Earth Day Event Date: April 21, 2011 Location: Mission College Campus, Santa Clara Region: Citywide</p>	<p>Type of Event: College event Audience: Young adults, students Messages: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW</p>	<p>General Feed Back: The event was well organized and a good place to reach young adults. Estimated Overall Event Attendance: 500-1,000 Number of Brochures Distributed: 83 Number of Giveaways Distributed: 492</p>
<p>Name: Spring in Guadalupe Gardens Date: April 23, 2011 Location: Guadalupe River Park and Gardens, San Jose Region: Countywide</p>	<p>Type of Event: Community fair, plant sale. Audience: Families with children, homeowners and gardeners Messages: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.</p>	<p>General Feed Back: Good attendance considering the event was held on the Easter weekend. This is a good event for reaching home gardeners. Estimated Overall Event Attendance: 4,500 Number of Brochures Distributed: 108 Number of Giveaways Distributed: 1,130</p>
<p>Name: Watershed Watch Car Wash Date: June 8, 2011 Location: Capitol Premier Car Wash, 735 Capitol Expressway Auto Mall, San Jose Region: Countywide</p>	<p>Type of Event: Car Wash Audience: Car wash customers Messages: Stormwater pollution prevention, proper car washing.</p>	<p>General Feed Back: 65 people received the 50% off discount during the event. The event had been rescheduled after being rained out a week prior. Staff also reached out to people coming in for gas only, to expand our impact for the event. Estimated Overall Event Attendance: 75-100 Number of Brochures Distributed: 40 Number of Watershed Watch Discount Cards Distributed: 75</p>

C.7.f. ► Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Program Summary:

During FY 10-11, the Program actively supported the Santa Clara Basin Watershed Management Initiative (SCBWMI), including the Steering Committee, the Land Use Subgroup, the Santa Clara Valley Zero Litter Initiative, and the Product Action Subgroup. The Cupertino Program Environmental Programs Manager was involved with the Roundtable Discussion on the Impacts of Homelessness on Creeks held on March 29, 2011. The Program provided funding to purchase lunch for participants at both events. Additional information about the ZLI and its relationship to SCVURPPP trash control activities is presented in Section 10 of this Annual Report.

Additional Information on these efforts is included within the C.7 Public Information and Outreach section of the Program's FY 10-11 Annual Report.

Summary:

Cupertino's Environmental Programs Manager is the Chair of the Solid Waste Source Reduction and Recycling subcommittee of the Solid Waste Technical Advisory Committee. Much of the work on this committee is surrounding EPS alternatives for restaurants and potential bans, single use plastic bags and potential bans, and Bay Friendly gardening activities. The Env. Prgms. Mgr. is an active member of the Santa Clara county Zero Waste committee and participated in the Zero Litter Roundtable Discussion held in San Jose on March 29, 2011. The Env. Prgms. Mgr. is also a member of the RWRC TAC HHW Subcommittee, and the Santa Clara Valley *Urban Runoff* Pollution Prevention Program Management Committee. The Env. Prgms. Mgr. has been a participant in the WMI Product Action Committee and assisted with the planning of the February 23, 2011, Plastic Pollution Prevention Summit. Cupertino provided the venue as well as the planning, IT, video, and facilities staff for this event which drew an audience of approximately 130 attendees from several other local municipalities and environmental organizations. The event included presentations on plastic litter issues and information on implementing local bans on plastic bags.

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

C.7.g. ► Citizen Involvement Events		
List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.		
Event Details	Description	Evaluation of effectiveness
Name: Summer of Service Program Date: 7/1/10, 7/15/10, 7/29/10, 8/12/10, 6/30/11 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide	Partnership program between Santa Clara Valley youth groups and the Watershed Watchers program. Youth spend a day at the Refuge and they work in the gardens in the morning and explore the Refuge in the afternoon.	Number of attendees on 7/1/10: 8 middle school students, 4 high school students, and 2 adults. Number of attendees on 7/15/10: 9 middle school students, 3 high school students, and 2 adults. Number of attendees on 7/29/10: 10 middle school students, 4 high school students, and 2 adults. Number of attendees on 8/12/10: 10 middle school students, 3 high school students, and 2 adults. Number of attendees on 6/30/11: 11 middle school students, 1 high school student, and 2 adults.
Name: Community Service Days Date: 10/16/10, 1/15/11, 3/19/11, 4/16/11 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide	This is an open day for the general public. Participants work in the gardens planning native plants, pulling non-native plants, and mulching.	Number of attendees on 10/16/10: 2 elementary school student, 3 high school student, and 3 adults. Number of attendees on 1/15/11: 3 high school student and 2 adults. Number of attendees on 3/19/11: 4 high school students and 1 adult. Number of attendees on 4/16/11: 9 middle school students, 4 high school students and 1 adult.
Name: Abundant Life Church Clean Up around the City of Cupertino Date: 8/9/10 Location: Stevens Creek @ Heney Outfall Focus: Local	Type of Event: Volunteer Citizen Creek Clean Up event of trash and litter around the City of Cupertino	General Feed Back: Good attendance Estimated Overall Event Attendance: 40 adults TWO forty-yard dumpsters were filled up and recycled 20 or more appliances and e-waste.
Name: National Coastal Creek Cleanup Day Date: 9/25/10	Type of Event: Volunteer Citizen Creek Clean Up Event	General Feed Back: Overwhelming high attendance, and successful event.

<p>Location: Calabazas Creek @ Creekside Park Focus: Local</p>	<p>Message: Host annual creek cleanup for local residents to encourage protection of watersheds. Teach volunteers to conduct trash tallying and monitoring, to categorize and quantify types of trash and likely sources.</p>	<p>Estimated Overall Event Attendance: 97 Number of Brochures Distributed: 0 Distance of creek cleaned : 3.0 miles Removed approximately 320 pounds of trash and 260 pounds of recyclables from the Creek and surrounding areas at Creekside Park and around some streets near Creek. Cleanups are an effective way of inspiring enthusiasm for creek and water quality protection as well as bringing about an awareness of trash problems in community and how residents can help to prevent these problems.</p>
<p>Name: Abundant Life Church Clean Up Date: 10/9/10 Location: Stevens Creek @ Heney Outfall Focus: Local</p>	<p>Type of Event: Volunteer Citizen Creek Clean Up event of trash and litter</p>	<p>General Feed Back: Good attendance Estimated Overall Event Attendance: 20 adults Number of Brochures Distributed: 0</p>
<p>Name: De Anza College Student Government Litter Clean Up Date: 12/18/10 Location: De Anza College and Surrounding streets Focus: Local</p>	<p>Type of Event: Student Creek Clean Up Coordinated a litter clean up at De Anza college and surrounding streets.</p>	<p>General Feed Back: Good attendance Estimated Overall Event Attendance: 30 College Age Students Distance of Creek Cleaned: 3.0 miles worth Staff discussed with the students the major sources of litter to the area, the impacts to water quality, the benefits and importance of providing public outreach, and the role of the City and the region in creating solutions to litter, as a major source of pollution.</p>
<p>Name: Habitat Restoration by SPCWC Date: (Weekly) Location: McClellan Ranch, Cupertino Focus: Local</p>	<p>Habitat Restoration - SPCWC volunteers conducted GPS mapping of vegetation of an adopted study site in January of 2010. Since then volunteers have met on a weekly basis to remove invasive plants from this site, install native plants and do watering during the dry season.</p>	<p>General Feed Back: This area had been smothered in an overgrowth of nonnative plants such as ivy. The native plants we have installed provide much better habitat for local wildlife. Estimated Overall Event Attendance: 50 Number of Brochures Distributed: 0</p>
<p>Name: Bug Club (Macroinvertebrate Study) Date: (Weekly)</p>	<p>Type of Event: Fifth year of an ongoing study of</p>	<p>General Feed Back: This study provides important data on habitat quality not being</p>

<p>Location: McClellan Ranch Junior Museum, Deep Cliff Golf Course, Blackberry Farm, Stockmeir Orchard, in Cupertino Focus: Local</p>	<p>the macroinvertebrates (bugs) which live at the bottom of Stevens Creek. Each week we meet with USGS entomologist, Steve Fend, to sort and identify the bugs collected. Since bugs vary in their tolerance of pollution and other environmental stresses, identifying what we find in different areas of the creek gives us important clues to the health of the habitat.</p>	<p>collected by other agencies or organizations. It is also an important component of our environmental education. Estimated Overall Event Attendance: 50</p>
<p>Name: Water Quality Monitoring by SPCWC Date: (Monthly) Location: Stevens Creek and Permanente Creek Focus: Local</p>	<p>Monthly monitoring of water quality (pH, temperature, dissolved oxygen and so forth) at nine sites along Stevens and Permanente Creeks. Two sites are in Cupertino.</p>	<p>General Feed Back: Provides environmental education through stewardship. Estimated Overall Event Attendance: 75 Number of Brochures Distributed: 0</p>
<p>Name: Water Quality Monitoring by SPCWC Date: (Monthly) Location: Stevens Creek Focus: Local</p>	<p>Fecal Indicator Bacteria Testing - once a month SPCWC volunteers, in partnership with De Anza college, test water samples from Stevens Creek for contamination by fecal bacteria. One of the collection sites is in Cupertino.</p>	<p>General Feed Back: Provides environmental education through stewardship. Estimated Overall Event Attendance: 35 Number of Brochures Distributed: 0</p>
<p>Name: YMCA Northwest Earth Day Event Date: April 21 & 22, 2011 Location: YMCA Northwest Facility 20803 Alves Drive, Cupertino Focus: Local</p>	<p>Earth Day event</p>	<p>General Feed Back: Successful event. Estimated Overall Event Attendance: 200 Number of Brochures Distributed: 1,000</p>
<p>Name: Bike to Work Day Date: May 12, 2011 Location: throughout Cupertino Focus: Santa Clara County/Local</p>	<p>Type of Event: Bike to Work Day (BTWD) is an event to promote alternative commuting, focused on improving air quality, reducing petroleum and consumption. Organizer: Silicon Valley Bicycle Coalition Audience: employees working in the City of Cupertino (including Cupertino staff), pass-through commuters Activities: Bicycle Safety Commission organized an "energizer station" on Stelling Rd. and Apple also organized a station on De Anza Blvd. Environmental Affairs Division staff organized activities for Cupertino employees. Additional Information: The City has the first municipal employee bicycle fleet in Santa</p>	<p>General Feed Back: Heightened attendance in Cupertino over previous years, among both City employees and Citywide commuters. Estimated Overall Event Attendance: 400+ (including those passing energizer stations), 150+ (including those visiting energizer stations), 15+ employees at the City. City employees biked/walked 141.4 miles. Adding alternative transit increases total vehicle mileage savings to 245. Number of Brochures Distributed: The City does not actively distribute flyers for this event, but rather engages employers through newsletters (i.e. the Cupertino Scene), website</p>

	Clara County. Employees may check-out bicycles for work-related activities during regular business hours, but were also offered the opportunity to use the bikes for this event. In order to utilize the bikes, for work activities or the event, employees are required to take a safety training coordinated through the County's Sheriff's Office.	(www.cupertino.org) and through partner correspondence (i.e. the Silicon Valley Bicycle Coalition).
Name: National River Creek Cleanup Day Date: 5/21/11 Location: Calabazas Creek @ Creekside Park Focus: Local	Type of Event: Citizen Clean Up Event Message: Host annual creek clean-up for local residents to encourage protection of watersheds. Teach volunteers to conduct trash tallying and monitoring, to categorize and quantify types of trash and likely sources.	General Feed Back: Good attendance, and successful event. Estimated Distance of creek cleaned : 2.0 miles Overall Event Attendance: Number of Brochures Distributed: 0 Removed approximately 150 pounds of trash and 225 lbs recyclables from the Creek and surrounding areas at Creekside Park and around some streets near Creek. <i>In addition to the 54 volunteers, the City worked together with the Cupertino High School Honor Society's 50 volunteers, totaling 104 volunteers. Instead of two separate sites, both groups cleaned Calabazas and Regnart Creek, and cleaned up litter in high trash areas surrounding Monte Vista and Homestead High Schools, and around convenience stores surrounding those areas, and Target store.</i>
Name: National River Cleanup Day Date: 5/21/11 Location: Various locations throughout the County Focus: Countywide	In FY 10-11, the Creek Connection Action Group sponsored two creek clean-up events: Coastal Clean-up Day on September 25, 2010 and National Rivers Clean-up Day on May 21, 2011. The Program provided funding for the National Rivers Clean-up Day advertising.	A total of 1,129 volunteers participated in cleaning 45 sites and removed approximately 21,211 pounds of trash and 2,316 pounds of recyclables from creeks.
Name: Car Wash Kit Participation Date: September 2010 – June 2011 ongoing on weekends (5/22/11 Yearbook Staff) Location: Cupertino	The City provided a carwash kit to two Cupertino residents/organizations and to Cupertino High School for fundraisers. To help prevent pollution from car wash events,	General Feedback: The fundraising events using the City's Car Wash Kit were successful.

Focus: Local	the City purchased a Sudsafe storm drain protection kit that can be borrowed by nonprofit and school groups.	
Name: Helping Hands Volunteer Clean Up Date: Ongoing Location: Parks & Stevens Creek Corridor Focus: Local	Type of Event: Helping Hands was inspired by the drive and determination of a high school student looking to help out in Cupertino, and boost the appearance of local parks. The volunteers helped with trash removal along creek and nearby streets, Cupertino parks, and McClellan Ranch.	General Feed Back: The Helping Hands Volunteer Projects have been very successful and extremely helpful to the City of Cupertino. Estimated Overall Attendance: 60 high school students
Name: Bay Friendly Gardening to Manage Pests Naturally Date: 3/12/11 Location: Cupertino's Community Hall Focus: Local	Type of Event: Bay Friendly Gardening IPM Class Bay Friendly workshops provide an overview of design and maintenance considerations and practices that will help the participants make smart choices at the nursery.	General Feed Back: Good attendance Overall Event Attendance: 25 participants
Name: Compost Workshops Dates: 9/25/10, 11/20/10, 2/16/11, 3/16/11 Location: Cupertino Focus: Local	The City held four free "how-to" backyard compost workshops at Cupertino's Community Hall, 10300 Torre Ave, Cupertino residents attending one Compost or Bay Friendly workshops received a free compost bin.	General Feed Back: Good attendance A total of 217 people attended, and 190 compost bins were distributed.
Name: Worm Compost Workshops Dates: 5/18/11 & 6/29/11 Location: Cupertino Focus: Local	The City provided two Worm Compost Classes for Cupertino residents. This class goes step by step through the fundamentals of composting with red wiggler worms – the best digesters in nature. Free Worm Bins were provided to attendees.	5/18/11: 40 people attended, 23 worm bins distributed 6/29/11 30 people attended, 23 worm bins distributed
Name: Car Wash Kit participation Date: 6/16/11 & 6/17/11 Chevron Gas Station Stevens Creek & De Anza Blvd.	The City provided a carwash kit Cupertino to American Cancer Society for fundraisers. To help prevent pollution from car wash events, the City purchased a Sudsafe storm drain protection kit that can be borrowed by nonprofit and school groups.	General Feedback: N/A Number of people Attended: N/A
Name: Car Wash Kit participation Date: 6/21/11	The City provided a carwash kit Cupertino to	General Feedback: The fundraising events

<p>Location: Home of Christ Church 10340 Bubb Road</p>	<p>the Home of Christ Church for fundraisers. To help prevent pollution from car wash events, the City purchased a Sudsafe storm drain protection kit that can be borrowed by nonprofit and school groups.</p>	<p>using the City's Car Wash Kit were successful.</p>
<p>Cupertino Community Garden Adults Date: Ongoing Location: McClellan Ranch Park</p>	<p>Plots are made available to Cupertino residents for organic gardens. A handbook is provided to participating gardeners with rules and resources for organic gardening.</p>	<p>General Feedback: Effective in encouraging gardeners to grow produce without reliance on chemical fertilizers and pesticides Number of People Attended: 60</p>

C.7.h. ► School-Age Children Outreach

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

Enviroscape presentation at Christa McAuliffe School
April 6, 2011



See Cupertino's popular 3rd grade Creek Education program description, under the direction of City's Naturalist and the 3rd Grade Creek Education Coordinator.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Name : ZunZun Musical Assembly Grade or level: elementary	Interactive, musical school assemblies educating K-6 children about watersheds and pollution prevention.	13,003 students	ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 168 completed evaluation cards from teachers.

			<p>Overall, the feedback is positive and indicates an increase in the students' knowledge about watersheds and pollution prevention.</p> <p>A few highlights of the evaluations are:</p> <ul style="list-style-type: none"> • Thirty-two teachers indicated that after the performance, 50% of their students knew what a watershed is; 60 teachers indicated that 75% of their students knew what a watershed is and 34 teachers indicated that 100% of their students knew what a watershed is. • Ten teachers indicated that after the performance, 50% of their students could name a way to prevent pollution in the watershed; 53 teachers indicated that 75% of their students could name a way to prevent pollution in the watershed; and 89 teachers indicated that 100% of their students could name a way to prevent pollution in the watershed. <p>The Final Teacher Evaluation Report is included in the Program Annual Report Appendix 7-7.</p>
<p>Name: Watershed Watchers Program at Don Edwards Wildlife Refuge in Alviso Grade or level: pre-school, elementary, middle, high school</p>	<p>The Refuge offers a number of interpretive programs to educate children and youth about preventing urban runoff pollution. These include: Bike the Levees; Discover Native Species; Habitat Exploration; Living Wetlands; Marshes, Mud and Plankton; Quackers and Honkers; and Water Water Everywhere.</p>	<p>64 pre-kindergarteners, 1,083 elementary school students, 69 middle school students, and 119 high school students</p>	<p>Visitor Surveys are used to determine visitor demographics, effectiveness of publicity, and the effectiveness of the Watershed Watchers Program.</p> <p>In addition, an "Urban Runoff Bead Drop" display is used to record actions (e.g., pick up litter, spread the word, take car to car wash) that children promise to do to help keep storm drains clean.</p> <p>Results of both these evaluation mechanisms are summarized in the Watershed Watchers Fourth Quarter Report included in the Program Annual Report Appendix 7-5.</p>
<p>Name: ECO-McAuliffe</p>	<p>McAuliffe's environmental club that meets</p>	<p>30 students, 3</p>	<p>General Feed Back: Presentation was</p>

<p>Date: April 6, 2011 Location: McAuliffe School Focus: :Local</p>	<p>once a month at lunchtime and is open to all students at the school (grades K-8). On average, about 20 students mostly in grades 1 through 4 role play, "How We Use Our Water," and demonstrated the water demands of people and how it affects plants and animals. It is our goal to provide further watershed education to the student community through an Enviroscope presentation.</p>	<p><i>adults and one staff member</i></p>	<p>evaluated using evaluation survey that was distributed to students, teachers, & parents present at the presentation. Received 26 completed evaluation surveys. Overall, the feedback is positive and indicates an increase in the students' knowledge about watersheds and pollution prevention. Evaluation responses: .21 students knew what a Watershed after the presentation, 10 students knew what a Watershed was prior to the Presentation. 14 knew the difference between Storm Drain and Sanitary Sewer System. Survey Comments: This was truly a valuable experience for many students. The presenter accomplished much in just 20 minutes. The presentation was both educational and fun for the kids.</p>
<p>Name: Garden insect & pesticide alternatives information table at community events Grade: Adults & Children Location: McClellan Ranch & Quinlan community Center</p>	<p>City naturalist set up hands-on insect display table at Santa Clara Valley Audubon Society's Wildlife Education Day and at Cupertino's Earth Day to familiarize children and adults with common garden insects and spiders, learn about the beneficial aspect of some insects and spiders and to introduce alternative pest control materials</p>	<p>700</p>	<p>General Feed Back: This program was effective in engaging participants at event into discussion about insects and spiders, the benefits of some of these organisms in the garden and alternatives to pesticides for dealing with pests.</p>
<p>Name: Monte Vista High School Biology Field Trip Location: Blackberry Farm Grade Level: High School 9th</p>	<p>The City's Park and Recreation staff/ Naturalist assists the students of Monte Vista High School to regularly perform water quality monitoring and research in Stevens Creek (the City's principal creek, 2 blocks from the high school).</p>	<p>210</p>	<p>This program is typically conducted annually and is very popular with both teachers and students.</p>
<p>Name: De Anza College Environmental Studies Field Trips Grade Level: College Location: McClellan Ranch</p>	<p>Seven 1 ½ hour presentations were made to students in ES1 & ES52 and Biology 6C classes regarding Stevens Creek Watershed. Discussion of the effects of non-permeable surfaces, non-point source</p>	<p>185</p>	<p>General Feed Back: Instructor finds this field trip a valuable Addition to both ES1 and ES52 (Intro to Environmental Studies and Humans, the Environment, and Sustainability) and plans to return next semester.</p>

	pollution, and storm water discharge into creeks was included as part of general discussion of watershed concepts.		
Name: Water Quality Monitoring and Streamside Assessment by SPCWC Date: Ongoing Grade Level: College (De Anza College Students) Location: McClellan Ranch Focus: Local	Field trips for local students - the focus is on creek ecology and the problems of pollution from stormwater runoff from residential properties. Students are given hands-on opportunities to do water quality monitoring and a streamside assessment of habitat quality using creek bugs.	600	General Feed Back: The students are from Environmental Studies and Biology classes at De Anza. The students gain real world experience and SPCWC recruits many good volunteers at these fieldtrips.
Name: Creek Education Program Grade Level: Elementary 3 rd Location: Schools & McClellan Ranch	Creek Education project available to all 3 rd grade teachers, including combo teachers and shared position teachers in the Cupertino Union School District: about 100 classes (half are in Cupertino; remaining schools in cities of San Jose, Sunnyvale, Santa Clara, Saratoga, Los Altos) participated this year. Teachers are provided training and support materials for conducting pre-trip investigations into watershed concepts, stormwater and sanitary sewer systems and creek organisms. Classes visit creek aquatic, riparian and adjacent upland habitats to investigate watershed-related issues. Students identify & count aquatic macroinvertebrates in creek water samples to assess creek health.	2,157	General Feed Back: This program is very popular with the Cupertino school district and its teachers. We started the program in 1995, and continue to refine it as needed. During a half hour review of general NPS and creek concepts that precedes the actual creek walk, our docents have the opportunity to observe whether each teacher has, in fact, spent time in the classroom preparing the students for the field trip. Typically, almost all of the students are familiar with the concepts. This past year, 10-11, we had approximately 1,768 students, 95 teachers, and 294 parent volunteers participate in our program. Some of the students stated that this was the best and most informative field trip all year.
Name: 4H Entomology Project Grade Level: Elementary -1 st – 4 th Location: McClellan Ranch	City naturalist met with 4-H members during seven 1 1/2 hr. sessions to learn about insects, insect identification, life-cycles, ecological importance, and control alternatives.	15	General Feed Back: This program is effective in helping children overcome fears of insects, develop competency in insect identification, learn ecological importance of insects, and be introduced to some non-toxic pest control alternatives.

<p>Faria Elementary School Career Day, June 4, 2011. The goal of the career day is to expose Faria students and siblings to a variety of professions, basic skills needed and training and effort required to be successful.</p>	<p>Cupertino's City Manager gave a presentation to students on the importance of protecting creeks, watersheds and wildlife habitat from pollutants (e.g., pesticides, litter, pet waste, oil; vehicle fluids and used wash water) using the City's EnviroScape model.</p>	<p>250</p>	<p>Feedback from the City Manager was that students and siblings were drawn to the model. Their knowledge was evidenced in the information they provided, including an understanding that rain water flows to creeks without being cleaned first. Most were aware of the pollutants that threaten creeks and expressed a desire to protect the wildlife and keep the creeks safe and clean.</p>
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Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary

During FY 10-11, the City of Cupertino contributed through the countywide Program to the BASMAA Regional Monitoring Coalition (RMC). In addition, the City contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 10-11 Annual Report.

-Local Water Monitoring by Volunteers:

Cupertino water monitoring activities, conducted by volunteers, encouraging public participation are coordinated and managed by the Stevens & Permanente Creeks Watershed Council (SPCWC). Members meet at the City's McClellan Ranch Parking Lot regularly throughout the year for water quality monitoring events. Testing is done at nine sites along Stevens and Permanente Creeks (two in Cupertino). The SCPWC measures dissolved oxygen, temperature, turbidity, pH and so forth. Additionally, they collect small samples of water which De Anza students will later analyze for the presence of coliform bacteria.

Grant Application Partnership with the Stevens & Permanente Creeks Watershed Council

SCVURPPP staff [and the cities of Cupertino, Mountain View and Sunnyvale] assisted the SPCWC in preparing a grant application for the Water District's Watershed Stewardship Grant. The application requested funding to implement the SPCWC's Volunteer Monitoring and Outreach Program (VOMP). In hopeful anticipation of the project, the City of Cupertino provided five water monitoring kits to SPCWC for volunteers. The grant application was selected for funding. Cupertino has reserved Blackberry Farm and site for the Stevens Creek Restoration project for a volunteer World Monitoring Day event on October 15, 2011, which is expected to draw a crowd of up to 80 students and other volunteers. City staff will help supervise and train volunteers at the October 15th event and will offer other in-kind services to assist the SPCWC in the implementation of the VMOP which may include the purchase of more equipment or tools for volunteer water monitors, a site for additional educational events and participation in VMOP meetings. Additional information is provided in Section 8 of the SCVURPPP's Annual Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a ► Adopt an Integrated Pest Management (IPM) Policy or Ordinance	X	Attached		Not attached, explain below
Attach a copy of your individual IPM ordinance or policy. (Water Board staff requested resubmittal for FY 10-11.)				
<p>Describe mechanism for adopting/formalizing your agency's IPM ordinance or policy (e.g., department head approval, integration into SOPs, staff training:</p> <p>Council adopted an IPM Resolution and Policy in 2002. The IPM policy was updated in 2008 and 2011 to reflect changes to prohibited chemicals and IPM techniques. The 2011 IPM policy was signed by the Golf Course Maintenance Superintendent contractor and the Facilities Pest Management contractor when they attended the City employee training on June 14, 2011. All of the City's pest-specific IPM plans and standard operation procedures were reviewed and updated as revisions to the City's IPM policy were discussed. (See attached Resolution and Policy to Require an Integrated Pest Management Approach to Pest Control at All City-maintained Facilities and Property.)</p> <p>Activities accomplished as part of Cupertino's IPM Policy outreach component:</p> <p>In addition to working with the County of Santa Clara to provide free <i>Bay-Friendly Gardening</i> classes for beginner, and intermediate gardeners in the South Bay, the City of Cupertino sponsored a <i>Bay-Friendly IPM</i> class entitled, <i>Gardening to Manage Pests Naturally</i>. The class focus was to control pests without the use of pesticides, attract beneficial insects to the garden, discover least-toxic methods for managing common garden pests (snails, slugs, aphids and yellow jackets) and make smart choices at the nursery. The class was offered on 3/12/11 at Cupertino's Community Hall, next door to the City's popular library. Event attendance totaled 25 participants. The <i>Bay Friendly</i> program was developed to encourage residents to make environmentally friendly gardening choices that work with nature to reduce waste and protect the water sheds of San Francisco Bay.</p> <p>The City hosted three traditional "how-to" backyard composting workshops and two worm composting classes at Cupertino's Community Hall and Quinlan Community Center. These City compost classes promote IPM techniques and encourage backyard composting. Cupertino residents attending a compost class or an alternative <i>Bay Friendly</i> class were eligible to receive a free compost or worm bin from Recology (the City's franchised garbage and recyclables hauler) by agreement with the City of Cupertino. In FY 10-11 at least 287 people attended one of six City backyard and worm compost classes and 190 compost bins and 46 worm composting bins were distributed to Cupertino residents.</p> <p>The Stevens and Permanente Creeks Watershed Council (SPCWC) holds volunteer events in Cupertino at sites along Stevens Creek and McClellan Ranch Park, a pesticide-free and fertilizer-free nature preserve that is available by reservation for community gardeners. The SPCWC events include educating the volunteers through activities related to IPM such as weeding to prevent the use of chemicals, water quality monitoring, bug sampling, gardening techniques, invasive and native plant control, and habitat restoration. These events are held on a weekly to monthly basis and had approximately 270 attendees in FY 10-11.</p>				

The City Naturalist, other City Park and Recreation staff, and the SPCWC participate in many community events and educational programs at McClellan Ranch, City facilities, and Cupertino schools to educate parents, students, and faculty on IPM topics related to the use of chemicals, non-point source pollution, stormwater quality, and habitat quality. These programs reached over 3,860 people in Cupertino and the Cupertino Union School District.

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

C.9.b ► Implement IPM Policy or Ordinance

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.

Trends in Quantities and Types of Pesticides Used¹²

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

Active Ingredient	Target Pest	On SF list	Locations	FY 07-08	FY 08-09	FY 09-10	FY 10-11
Alkylphenol Ethoxylate*	Aphid	No	Trees	0	0	0	.310
Bayleton	Fungus	Yes	Greens	0	15.3lbs	0	0
Dicamba	Weeds	Yes	Golf	21.8	0	0	0
Difethialone**	Rats	No	Facilities	0	0	0	27 Boxes/95.5 mg
Dinotefuran	Aphids	No	Trees	0	0	0	1.5 lbs
Fipronil	Ants	Yes	Facilities	4 oz.	0.16 oz.	1.6 oz.	0
Fluridone	Weeds	Yes	Golf	0.5	0	0	0
Glyphosate (Roundup)	Weeds	Yes	Various	71.25	140.21	179.95 lbs	179.5
Halosulfuron-methyl	Weeds	No	Golf	0	0	0	.004
Imidacloprid	Aphids	Yes***	Trees	0	0	0	.030
Indoxacarb	Ants	Yes	Facilities	0	0	0	.250
Ipridione	Fungus	Yes	Golf	7.2	0	0	0
Isoxaben	Weeds	No	Medians	10.5	0	92.92 lbs.	1.5
Oryzalin (Surflan)	Weeds	No	Medians	57.84	36.74	135.27 lbs.	108.626

¹² Includes all municipal structural and landscape pesticide usage by employees and contractors.

Oxydiazon	Weeds	No	Medians	0	2.6	0	0
PCNB for Snow Mold	Snow Mold	No	Golf	15	9	0	0
Pendimethalin	Weeds	Yes	Parks	24.7	116.62	18.47 lbs.	2.8
Penoxsulam	Weeds	Yes	Golf	0	.080	0	0
Phenethyl Propionate/Thyme Oil	Ants	No	Facilities	0	0	0	.750
Propylene Glycol*	Aphids	No	Trees	0	0	0	.186
Triclopyr	Weeds	Yes	Parks	6.0	4.0	5.0	7.708
Trifluralin	Weeds	No	Parks	.15	0	0	0

*Alkylphenol ethoxylate and propylene glycol, are active ingredients in Pentra-Bark, a bark penetrating surfactant that may sometimes be mixed with Safari and is used for basal bark (tree trunk) application. This is a preferred treatment compared to other spray treatments because it is a quick application that is a direct spray to the basal bark rather than the canopy of the tree and therefore has a low drift risk and it results in less damage to the tree compared to injectables.

**Difethialone is used as a risk mitigation measure of putting baits into tamper resistant boxes to prevent poisoning of non-targeted animals (e.g. dogs). Each block contains 3.5 milligrams.

***Imidacloprid is on the San Francisco list in granular form. However, in Cupertino, this active ingredient is injected into the tree to control aphids. The injection method reduces the risk of pesticide runoff.

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

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

Only one application of fipronil (1.6 ounces) was used in FY 09-10 as the active ingredient in Termidor, which was used by the City's on-call facilities pest-control contractor to get rid of an ant infestation at the buildings surrounding Cupertino's City Hall Plaza, including City Hall, the Cupertino Library, and the Cupertino Community Hall, which houses the City Council Chambers. Termidor was not sprayed, but directly applied to the foundations, away from impervious surfaces. The application areas were surrounded by soil and vegetation; any rain runoff from the treated areas would infiltrate the soil and would not enter the storm drain or parking lot, therefore there was no threat to stormwater quality.

Pesticide Category and Specific Pesticide Used	Amount				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates					
Product or Pesticide Type A	0	0			

Pyrethroids					
Product or Pesticide Type X	0	0			
Carbaryl	0	0			
Fipronil	1.6 oz.	0			

C.9.c ▶ Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	20
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	20
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100%
<p>On January 13, 2011, 34 staff attended the annual spray safety training class through the County Ag and Dept. of Pesticide Regulation annual training that is required in order to apply pesticides in the City. Of these 34 only 20 employees had to apply or use pesticides within their duties during FY 10-11.</p> <p>On January 25, 2011, a class entitled <i>Turf Maintenance Talk</i> on IPM and sustainable turf grass management was attended by the Environmental Programs Manger and two Public Works Grounds Maintenance supervisors. The City's <i>Trees and Right of Way Supervisor</i> earned two DPR credits for the class.</p> <p>On April 7, 2011, PW Grounds staff attended an IPM training held at Cupertino's Service Center for gopher control and trapping to discontinue the use of chemicals for gopher extermination.</p> <p>On June 14, 2011, the annual staff and contractor IPM training meeting was held at City Hall. Attendees included the Environmental Programs Manager and Division staff, the City's Public Works supervisor for the Grounds Maintenance Division and Division staff, the City's Public Works supervisor for facilities, the pest control contractor for the City's facilities and the City's Golf Course Maintenance Superintendent contractor. In this training meeting, Environmental Programs staff updated attendees on the requirements and the City's implementation of the MRP and IPM performance. A round-table discussion of IPM practices took place, including a review of the City's IPM policy and pest specific plans. Each of the City's 39 IPM SOPs were reviewed and updated as needed. The City's Maintenance supervisors are trained annually on the City's IPM requirements and only these supervisors determine which pesticides may be used on City property, if any.</p>	

C.9.d ▶ Require Contractors to Implement IPM						
Did your municipality contract with any pesticide service provider in the reporting year?			<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If yes, attach one of the following:						
<input type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR					
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR					
<input checked="" type="checkbox"/>	Equivalent documentation. Attached are the 2011 updated IPM policies that were signed by the Golf Course Maintenance Superintendent Contractor and the Facilities Pest Management Contractor at the staff IPM training meeting on June 14, 2011.					

C.9.e ▶ Track and Participate in Relevant Regulatory Processes	
<p>During FY 10-11, Cupertino participated in regulatory processes related to pesticides through financial contributions to SCVURPPP, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees. This Report is included within the Santa Clara Valley Urban Runoff Program's FY 10-11 Annual Report.</p>	

C.9.f ▶ Interface with County Agricultural Commissioners						
Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?			<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
There were no reports of improper use of pesticides within the City during FY 10-11.						

C.9.h.ii ▶ Public Outreach: Point of Purchase	
<p>See the C.9 Pesticides Toxicity Control section of the SCVURPPP's FY 10-11 Annual Report for information on point of purchase public outreach conducted countywide and regionally.</p>	

C.9.h.vi ▶ Public Outreach: Pest Control Operators	
<p>Summary: See the C.9 Pesticides Toxicity Control section of the SCVURPPP's FY 10-11 Annual Report for a summary of Cupertino's participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.</p> <p>In FY 10-11 the City of Cupertino sponsored one gardener to attend the Green Gardener Training Program. This gardener graduated from the Green Gardener Spanish program in December 2010. The Green Gardener Training Program was developed by SCVURPPP using a model from other California cities.</p>	



Appendix C.9

City of Cupertino IPM Resolution and Policy

RESOLUTION NO. 02-188

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CUPERTINO APPROVING A POLICY REQUIRING AN INTEGRATED PEST MANAGEMENT APPROACH TO PEST CONTROL AT ALL CITY-MAINTAINED FACILITIES

WHEREAS, several pesticides have been found in local creeks and in San Francisco Bay and are understood to be a threat to the environmental health of the Bay Area; and

WHEREAS, governmental agencies are adopting Integrated Pest Management (IPM) policies to allow them to act as role models for using the less-toxic pest management strategies that agencies are asking the public to adopt; and

WHEREAS, the City of Cupertino's recently revised National Pollutant Discharge Elimination System (stormwater) permit requires that all permittees establish an IPM policy and develop and implement an IPM plan that requires a reduced-risk approach to all pest control activities performed at city facilities.

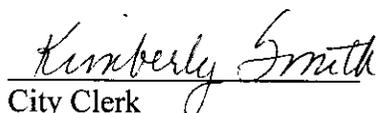
NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Cupertino, that a City policy regarding Integrated Pest Management shall be implemented as shown in the attached Exhibit.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of Cupertino this 21st day of October 2002, by the following vote:

<u>Vote</u>	<u>Members of the City Council</u>
AYES:	Lowenthal, Chang, James, Kwok, Sandoval
NOES:	None
ABSENT:	None
ABSTAIN:	None

ATTEST:

APPROVED:


City Clerk


Mayor, City of Cupertino

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

POLICY STATEMENT

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

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

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

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

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

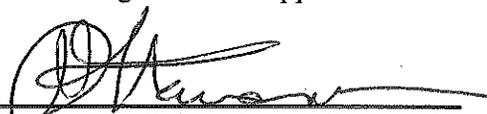
No products containing Clopyralid, Diazinon, Chlorpyrifos (Dursban), Chloradane, DDT, Dieldrin or other organophosphates may be used on city property. Fipronil and pyrethroids including, but not limited to Deltamethrin and Bifenthrin, may be used by city staff or a city contractor on city property or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

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

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

Don Naumann
Contracting Pesticide Applicator Printed Name

6/14/11
Date


Contracting Pesticide Applicator Signature

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

POLICY STATEMENT

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

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

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

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

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

Keith Reuter
Contracting Pesticide Applicator Printed Name

6-13-11
Date


Contracting Pesticide Applicator Signature

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ► Short-Term Trash Loading Reduction Plan

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed in developing a Short-Term Trash Loading Reduction Plan (due February 1, 2012).

Description:

See the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

Cupertino will submit the Short-Term Trash Loading Reduction Plan by February 1, 2012. Any amendments will be documented in the 2011-2012 Annual Report to provide updates that may be required after the completion of the BASMAA Baseline Trash Loading Study as this data may impact the control measures and best management practices selected and their implementation levels by the City. The City will continue to attend the Program's monthly Trash AHTG meetings as well as host Program staff in late summer of 2011 for individual assistance in developing a Short Term Plan specific to Cupertino.

Cupertino has begun implementing the following control measures to be included in the Short-Term Trash Loading Reduction Plan:

The City is participating in the Bay Area-wide Trash Capture Demonstration Project and has signed a purchasing agreement for approved trash capture devices from Contech Construction Products (see C.10.a.iii for more information).

The City adopted two hot spots in 2010 and has performed at least one cleanup per year at each hot spot, which includes a before and after hot spot assessment using the Program's data collection form and Excel database for reporting. Cupertino conducts its hot spot assessments in conjunction with volunteer cleanups, which allow volunteers to collect trash from beyond the 600ft (both banks of the creek) minimum required for the hot spot clean ups.

The City is in the process of updating its stormwater ordinance that will likely go to Council in fall of 2011. This ordinance will prohibit the presence and improper containment of litter and trash at businesses and City facilities. Businesses or facilities found in violation of the stormwater permit are required to clean up their site immediately, or before the next rain event, and always within ten business days. Under the current ordinance and the City's legal authority to enforce the MRP, businesses and facilities receive stringent and escalating enforcement for unresolved or repeat violations, which may include fines. In 2011, the City will also update its trash enclosure guidelines for commercial properties, which ensures that enclosures be designed with a roof and maintained to prevent uncontained trash and litter accumulation as well as runoff from the enclosure.

C.10.a.ii ► Baseline Trash Load and Trash Load Reduction Tracking Method

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed to gather trash loading data and in developing a Baseline Trash Load and Trash Load Reduction Tracking Method (due February 1, 2012).

Description:

See the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

Cupertino staff has participated in the monthly Trash AHTG meetings in addition to subcommittee meetings of this group to assist in performing a literature review of the control measures identified by the AHTG. In addition, staff has reviewed and provided feedback through document review and meetings on the development of methods that will be used to quantify baseline loads and control measures. Staff was also present and assisted with the first stormwater characterization event in May 2011 where stormdrain samples were quantified and categorized from 71 sites around the Bay area. This characterization study will help to establish initial baseline data and will be combined with data that will be collected in FY 11-12 during at least two additional, larger characterization events.

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

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide description of actions/tasks initiated/conducted/completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014) within individual jurisdictions. Include information on Full Trash Capture Devices installed under Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership.

Description:

See the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

The City is participating in the Bay Area-wide Trash Capture Demonstration Project and has signed a purchasing agreement for two approved Continuous Deflective Separator (CDS) units from Contech Construction Products. The project is currently in the design phase, and the units are tentatively scheduled for installation in July of 2012. These two CDS units will treat approximately 81 acres (58 acres and 23 acres), which exceeds the current MRP requirement for Cupertino to treat a minimum of 30%, or 64 acres, of its retail/wholesale land use areas that drain to the MS4s. One unit will also require a diversion box to allow the CDS unit to fit in the existing MS4 and prevent overflow.

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

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible.

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

Additional trash hot spot assessments conducted since the implementation of the 2009 MRP that were performed in FY 09-10, were documented in Cupertino's 09-10 Annual Report.

Trash Hot Spot	Cleanup Date	Volume of Material Removed (cubic yards)	Dominant Type of Trash	Trash Sources (where possible)
CUO01	9/25/2010	0.412	Styrofoam, Other plastic products, Plastic bags, Bottles (plastic or glass), Other (construction debris), Wood debris, Concrete	Litter, Illegal dumping, Trash accumulation
CUO02	10/9/2010	0.487	Aluminum cans, Bottles (plastic or glass), Plastic bags, Spray paint cans, Styrofoam, Wood debris, Scrap metal	Trash accumulation, Litter, Illegal dumping
CUO01	5/21/2011	0.374	Other plastic products, Plastic bags, Other (construction debris), Styrofoam, Metal products, Bricks, Concrete, Wood debris, Scrap metal	Trash accumulation, Litter, Illegal dumping
Total		1.273		

C.10.d ► Summary of Trash Load Reduction Actions

Provide summary of new trash load reduction actions or increased levels of implementation of existing actions that were implemented after adoption of the MRP (control measures and best management practices) including the types of actions and levels of implementation, and the total trash loads and dominant types of trash removed from each type of action.

Suggested trash load reduction actions to track and report may include:

- Anti-litter Campaigns
- Anti-litter/Dumping Enforcement Activities
- Curbside Recycling Programs
- Education and Outreach Efforts
- Free Trash Pickup/Drop-off Days
- County HHW Program Activities
- Improved Trash Bin Management
- Inspection/Maintenance of Storm Drain Outfalls
- Litter Pickup and Control
- Removal of Homeless Encampments
- Solid Waste Recycling Efforts
- Source Controls/Bans/Prohibitions
- Storm Drain Operation and Maintenance
- Storm Drain Signage/Marking
- Street Sweeping Activities
- Trash Removal from Receptacles
- Volunteer Creek Cleanups

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Anti-litter Campaigns	Ongoing	<p>City Staff provided comments and helped develop the WEO anti-litter campaigns, which include media messages and outreach events that have occurred before and after the 2009 MRP.</p> <p>The Environmental Programs Manager attended the Zero Litter Summit on March 29, 2010 with other cities and organizations devoted to creating a</p>	<p>Trash loads removed were not tracked for all trash load reduction actions this fiscal year. Once the Trash Load Reduction Tracking Method is developed (see Provision C.10.a.ii), trash loads removed will be documented for each load reduction action. See the Program's</p>	<p>Aimed at identifying pathways for litter, reducing Pedestrian/Vehicle litter and providing outreach on how stormdrain systems and urban runoff contribute to litter issues.</p>

		zero litter environment.	FY10-11 Annual Report for schedule.	
Curbside Recycling Programs	FY 09-10	After the MRP was adopted the City negotiated a new curbside collection agreement that expanded curbside services as of Nov 1, 2010.	Same as above.	Curbside collection was expanded to include cooking oil, universal waste such as batteries and fluorescent bulbs, e-waste, sharps, and household hazardous waste. This reduces the amount of grease being rinsed into the sanitary sewer and will reduce improper disposal of mercury containing products as well as other hazardous items. In addition, residents are allowed up to two free services days to pick up bulky items, such as mattresses, furniture, construction debris, and appliances. This prevents these items from being illegally dumped.
Education and Outreach Efforts	FY 08-09	Reusable Bag Buy for event give-aways began in FY 08-09 with reusable tote bags and progressed to the more popular Chico compact reusable key chain bags in 2009. In 2010, a more affordable alternative to the Chico style bag was purchased for giveaways at City	Same as above.	Effort is to reduce plastic litter, including plastic bag litter, and promote source reduction and reuse.

		<p>events.</p> <p>In January of FY 10-11 the City provided the venue and co-hosted the all-day Plastics Pollution Prevention Summit for approximately 130 attendees in order to provide education and updates on what other cities and organizations throughout California are doing to control plastics in the environment.</p>		
Free Trash Pickup/Drop-off Days	Piloted in FY 08-09 adopted in FY 09-10	In October 2008, City of Cupertino, piloted free Environmental Recycling drop-off days for residents. In FY 09-10, the events were fine-tuned and approved to be held at least twice annually. In FY 10-11 four drop-off days were held.	Same as above.	Collection of construction debris, E-waste, U-waste, furniture, reusable play structures, toys and clothing, is thought to reduce illegal dumping and the likelihood of E-waste or U-waste ending up in the garbage and landfill. At these events, paper shredding of confidential documents (maximum of two boxes per vehicle) is conducted onsite to assure residents that shredding is better than burning sensitive information. This event is very popular among City residents.
County HHW Program Activities	Ongoing	In FY 09-10 Cupertino increased funding mid-year to the Countywide HHW Program in addition	Same as above.	Household hazardous waste collected: paint, pesticides, cleaners, fertilizers, garden and pool chemicals, motor

		to funding an annual increase. Landfill-disposal fees fund residential HHW participation in SCC cities for approx. 4% of a city's population. In FY 10-11, 989 Cupertino residents participated in County HHW drop off events.		oil and filters, prescription drugs and sharps, batteries and other U-waste, and E-waste are some of the items accepted.
Improved Trash Bin Management	FY 09-10	In FY 09-10, after the adoption of the MRP, Cupertino worked with its franchised garbage collector and the Cupertino Union School District to report and address dumpsters at schools that are not closed at the time of servicing. In 2011, Cupertino will update its trash enclosure requirements for commercial properties and multi-family residential properties.	Same as above.	Reduces windblown litter and litter transported or scattered by birds and other wildlife. In addition, reduces rainfall contact with open dumpsters and the transport of contaminants to the storm drain system.
Inspection/Maintenance of Storm Drain Outfalls	FY 09-10	The City's IDDE Inspector identified eleven priority screening check points in two watersheds. Checkpoints were screened and photographed in July 2010 to meet MRP req.	Same as above.	All checkpoints were checked and no illicit connections or evidence of illegal discharges were observed.
Litter Pickup and Control	Ongoing	City Maintenance crews routinely collect litter in all City parks and from	Same as above.	Food wrappers, cigarette butts, and beverage container litter. City parks &

		medians. In FY 10-11 additional litter pickups occurred in a commercial hot spot for litter by a volunteer group and on the Cupertino side of the Mary Avenue foot bridge and bike path by an Env. Prgms. staff member.		medians usually appear pristine and litter-free.
Removal of Homeless Encampments	City staff and cleanup volunteers have not yet identified any homeless encampments in Cupertino creek areas.		Same as above.	N/A
Solid Waste Recycling Efforts	FY 09-10	After the MRP adoption, the City negotiated a waste collection and recycling agreement that expands recycling services for businesses & residential properties Citywide as of Nov 1, 2010. Multi-family and commercial properties now have the same single stream recycling service as single family residents. In addition, more items can be collected including unnumbered plastics, such as plastic bags, straws, and film plastic.	Same as above.	Reduction in littered recyclables, such as plastic bottles, bags, and other plastic products, aluminum cans, and paper products.
Source Controls/Bans/Prohibitions	FY 09-10	After the adoption of the	Same as above.	A reduction in the ubiquitous

		MRP, Cupertino's Environmental Programs Mgr became Chair of the Recycling and Waste Reduction Commission's (RWRC) Source Reduction and Recycling (SRR) sub-group. In FY 10-11 Staff assisted in developing a report for submittal to the RWRC that provided recommendations for how cities and the County would implement a polystyrene ban.		polystyrene pieces that are difficult to remove from creeks and creek banks due to how pieces break up and scatter.
Storm Drain Operation and Maintenance	FY 09-10	In FY 09-10 City received approval for grant funding from ABAG with the remainder of the funding coming from the City's GIS/IT budget to develop a new GIS asset management mapping system (<i>Cityworks</i>) to identify all aspects and structures of the City's storm drain system. The storm drains in the hills of Cupertino and other areas subject to heavy leaf fall are cleaned annually while all other areas are cleaned every two years.	Same as above.	Updated maps and unique identifiers for all storm drain inlets will enable the City to track, clean, and maintain its storm drain system more efficiently and effectively. Storm drain cleanings allow for trash that enters the storm drain system from streets and other pathways to be effectively removed.
Storm Drain Signage/Marking	FY 09-10	In FY 10-11 and after, as	Same as above.	Goal is reduction in

		part of the inspection program for IND, inspectors will check to see if storm drains on private business properties are labeled “No Dumping, Flows to Bay” and if they are not they will encourage and provide the necessary materials for businesses or facilities to mark their storm drains.		pedestrian-generated litter.
Street Sweeping Activities	Annually	City maintained a contract to sweep residential and commercial streets twice a month. In addition, the City has parking enforcement throughout various residential areas of the City, which is monitored by Cupertino's Code enforcement in order to ensure effective street sweeping.	Same as above.	Reduces pedestrian and vehicle-generated litter/debris entering storm drains.
Trash Removal from Receptacles	FY 09-10	After the MRP was approved, City staff negotiated a new agreement with the City's waste and recycling hauler which includes measures to prevent overflow of litter from receptacles and litter being left behind during collection service. Communication	Same as above.	Reduces the amount of overflowing waste, recyclable containers, and residential litter entering the SD by making the garbage company share responsibility for street litter on collection days.

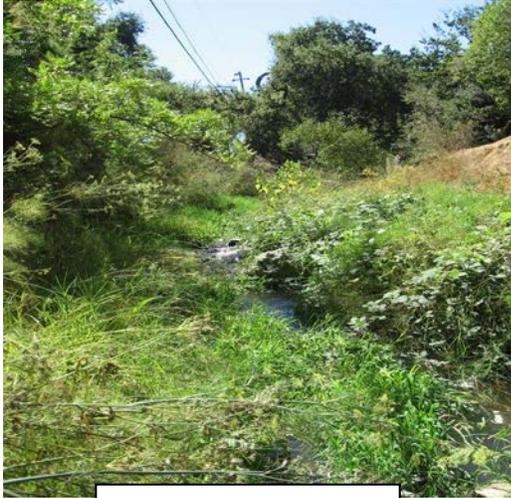
		between the City and its franchised hauler has improved enabling the two entities to work together to reduce litter problems.		
Volunteer Creek Cleanups	FY 09-10	City participated in National Coastal Cleanup Day, National River Cleanup Day, and hosted a church group, as part of its volunteer creek cleanup events in FY 10-11 at its two hot spots required by the MRP. Volunteers cleaned the assessment areas and beyond.	Same as above.	Collected items included plastic bags, convenience/fast food items, polystyrene pieces, frisbees, balls, beverage containers (plastic, glass, aluminum), illegally dumped materials (metal products, construction materials, tires, shopping carts, etc.), cigarette butts, rusted cans including spray paint cans, metal fencing and more.



Appendix C.10

Calabazas and Stevens Creek Trash Hot Spot Assessment Photos

Before Assessment Photos-Creek Photos from every 50ft
September 20, 2010



100920_CU001_A_1



100920_CU001_B_1



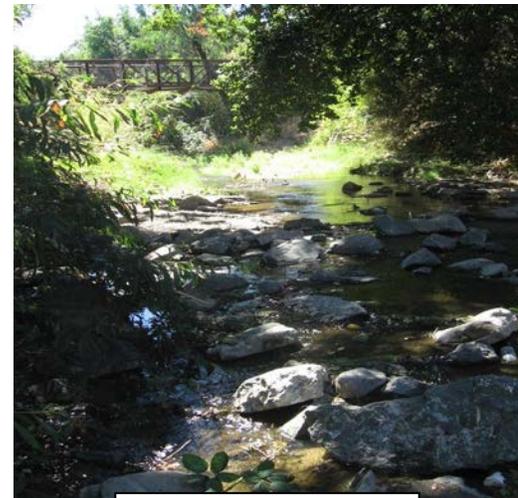
100920_CU001_C_1



100920_CU001_D_1



100920_CU001_E_1



100920_CU001_F_1

Before Photos of trash from every 50 ft taken September 20, 2010.
(In most cases trash is not visible from photos of the creek length, only from close up photos.)



100920_CUO01_A_1



100920_CUO01_B_1



100920_CUO01_C_1



100920_CUO01_D_1

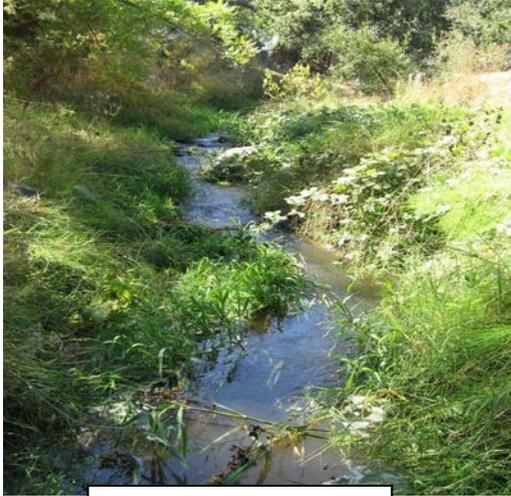


100920_CUO01_E_1



100920_CUO01_F_1

After Assessment Photos
September 25, 2010



100925_CUO01_A_2



100925_CUO01_B_2



100925_CUO01_C_2



100925_CUO01_D_2



100925_CUO01_E_2



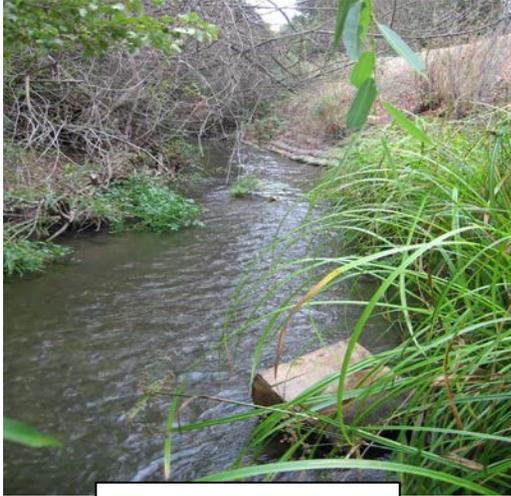
100925_CUO01_F_2

Materials Collected at 9/25/10 Cleanup

Four (4) full 13 gallon bags of trash were collected from 300ft of Calabazas Creek, from both sides of the creek, along with large items such as construction debris, including concrete and wood debris, for a total of 0.412 cubic yards of trash.



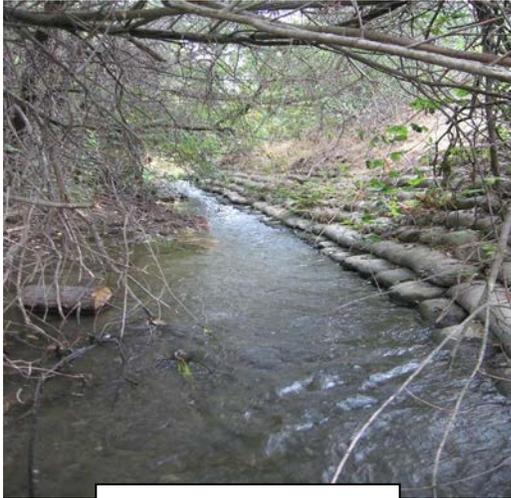
Assessment Before Photos-Creek Photos from every 50ft
October 5, 2010



101005_CU002_A_1



101005_CU002_B_1



101005_CU002_C_1



101005_CU002_D_1



101005_CU002_E_1



101005_CU002_F_1

Before Photos of trash from every 50 ft taken October 5, 2010.
(In most cases trash is not visible from photos of the creek length, only from close up photos.)



101005_CUO02_A_1



101005_CUO02_B_1



101005_CUO02_C_1



101005_CUO02_D_1

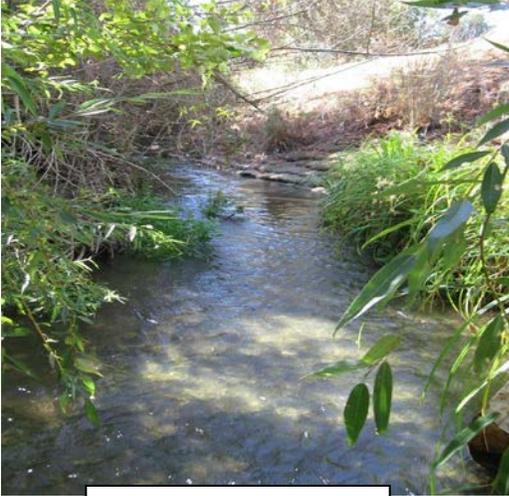


101005_CUO02_E_1



101005_CUO02_F_1

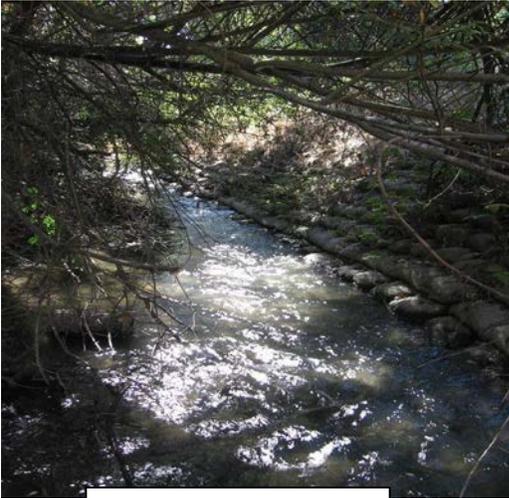
Assessment After Photos
October 9, 2010



101009_CUO02_A_2



101009_CUO02_B_2



101009_CUO02_C_2



101009_CUO02_D_2



101009_CUO02_E_2



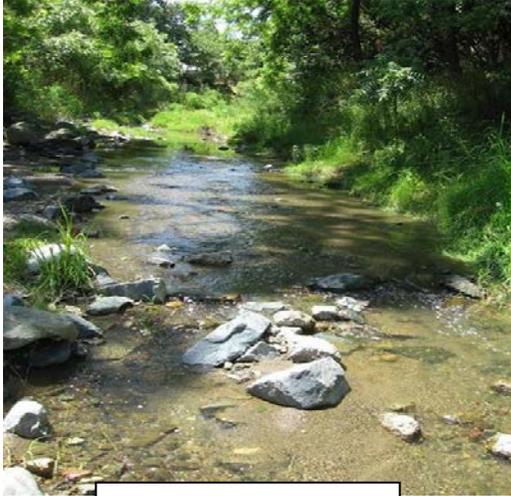
101009_CUO02_F_2

Materials Collected at 10/9/10 Cleanup

Five (5) full 13 gallon bags of trash were collected from 300ft of Stevens Creek, from both sides of the creek, along with large items such as wood debris and scrap metal, for a total of 0.487 cubic yards of collected trash.



Assessment Before Photos-Creek Photos from every 50ft
May 19, 2011



110519_CU001_A_1



110519_CU001_B_1



110519_CU001_C_1



110519_CU001_D_1



110519_CU001_E_1



110519_CU001_F_1

Before Photos of trash from every 50 ft taken May 19, 2011.
(In most cases trash is not visible from photos of the creek length, only from close up photos.)



110519_CU001_A_1



110519_CU001_B_1



110519_CU001_C_1



110519_CU001_D_1

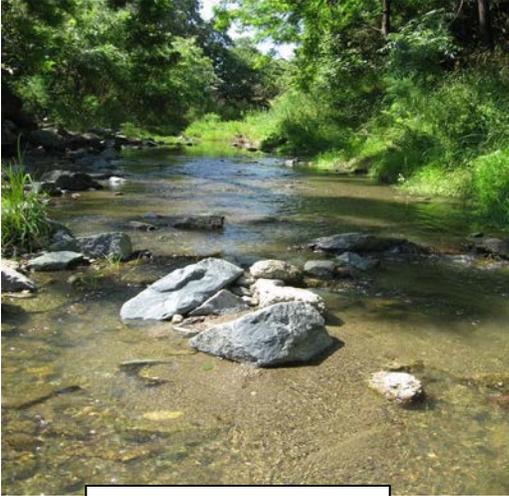


110519_CU001_E_1



110519_CU001_F_1

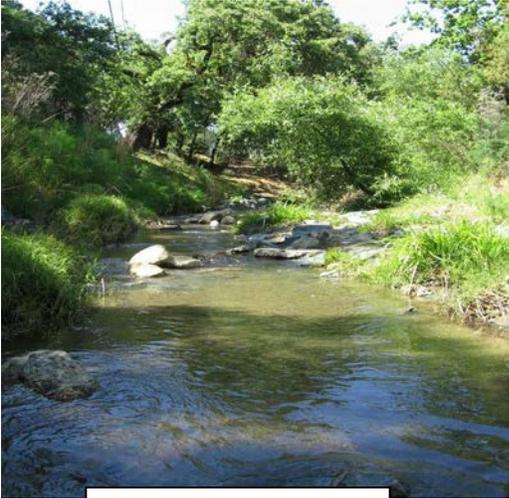
Assessment After Photos
May 21, 2011



110521_CUO01_A_2



110521_CUO01_B_2



110521_CUO01_C_2



110521_CUO01_D_2



110521_CUO01_E_2



110521_CUO01_F_2

Materials Collected at 5/21/11 Cleanup

Four (4) full 13 gallon bags of trash were collected from 300ft of Calabazas Creek, from both sides of the creek, along with large items such as construction debris, including concrete, bricks, scrap metal and wood debris, for a total of 0.374 cubic yards of trash.



Section 11 - Provision C.11 Mercury Controls

C.11.a.i ► Mercury Recycling Efforts

List below or attach lists of efforts to promote, facilitate, and/or participate in collection and recycling of mercury containing devices and equipment at the consumer level (e.g., thermometers, thermostats, switches, bulbs).

Refer to FY 10-11 Program Annual Report for a list of mercury collection and recycling efforts conducted countywide and regionally.

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

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

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

City maintenance staff is only using low-or no- mercury bulbs. No mercury switches or relays are being used.

City maintenance staff has followed a specific protocol for disposal of fluorescent tubes. They are collected as universal waste and sent to a recycling facility for mercury recovery.

The laminated mercury spill guidance sheet is kept on hand to help Environmental Programs staff respond quickly to callers and another copy was placed in the Municipal Service Center office. A binder-sized copy was provided to include in the Municipal Service Center SWPPP.

Cupertino's Industrial Inspectors distributed to Auto Repair Shops "What Responsible Business Need to Know About Mercury and Universal Waste" brochures that were developed by the Santa Clara County HHW program to help industrial business employees understand the requirements and steps to take for disposal of mercury containing products and universal waste (e.g., fluorescent bulbs) in July 2010.

Mercury Thermometer Exchange Events for non-mercury thermometers:

- Cupertino's Fall Festival on 9/25/10 & 9/26/10-collected mercury thermometers from Cupertino residents and exchanged them for non-mercury thermometers. Information on mercury pollution prevention and safe collection sites for mercury containing products was provided.
- Cupertino's 3rd Annual Earth Day Film and Fun Festival Date on 4/9/11- collected 20 mercury thermometers. Information on mercury pollution prevention and safe collection sites for mercury containing products was provided.
- The City held a Thermometer Exchange Event on April 7, 2011 at the Cupertino Senior Center. This project was sponsored by the City of San Jose Environmental Services Department, Watershed Protection, and Pollution Prevention. 50 thermometers were collected and 60 were non-mercury thermometers were provided.

Residents are regularly referred to the County HHW drop-off program to properly to dispose of hazardous material, including mercury-containing products. The City provides annual funding to the County Household Hazardous Waste Program to ensure that Cupertino residents have regular access to drop-off services for mercury-containing items, such as fluorescent lamps, batteries, and thermometers. The City advertizes the Cupertino HHW Event held every October, as well as ongoing disposal services of the HHW Program and drop-off sites available throughout the City. A County HHW Event, including the collection of fluorescent bulbs, was held at De Anza College in Cupertino on 10/30/10. A total of 989 Cupertino residents attended an HHW event during FY 10-11.

On November 1, 2010, the City negotiated a new waste and recycling collection agreement that provided for door-to-door collection of household hazardous waste from all Cupertino households (including apartment units and condominiums). The door-to-door service has provided residents an additional opportunity for mercury product disposal. The City was required to be permitted by a Certified Unified Program Agency (CUPA) to implement this program. Through this program, approximately 20,911 pounds of hazardous waste was collected in FY 2010-11. Out of the total HHW material collected, 4.75 pounds of mercury devices, 141 pounds of fluorescent bulbs, and 314 pounds of batteries were collected. It is anticipated that this number will significantly increase next fiscal year.

Additionally, Cupertino residents are allowed to place household batteries and CFLs in clear, sealed plastic bags on top of their curbside recycling container on regularly scheduled garbage pick-up days.

On a Countywide basis, the HHW Program served 32,216 residents from July 1, 2010 through June 30, 2011. About 3.1 million pounds of hazardous waste was managed safely and legally. There were a total of 62 collection events: 41 at two permanent facilities and 21 at temporary sites strategically located throughout the County. In addition, the Program served 521 small business drop-offs including local governments, Goodwill Industries, and the Salvation Army. Mercury containing products:

- Total fluorescent lamps collected—102,966 pounds
- Total household batteries collected—152,254 pounds
- Elemental Mercury—510 pounds (includes thermostats, thermometers and other products)

At the end of FY 2010-2011, 34 retailers served as fluorescent lamp drop-offs and 59 locations served as battery drop-offs.

The City of Cupertino and its garbage & recycling company offered four free Environmental Recycling Days allowing residents to drop off used fluorescent bulbs, U-Waste and E-Waste. A total of 1,259 Cupertino residents participated in the collection events on 7/24/10, 10/23/10, 3/19/11, and 5/21/11.

The City's battery collection bin in the City Hall copier room provides a convenient collection point for city staff to safely dispose of spent batteries. A notice was emailed to all employees in September 2010, reminding staff to use the collection bin.

Public awareness promotes responsible disposal and recycling of mercury containing products. Please see the City's Public Information (C7) annual report (Section 7-1) for additional environmental public education conducted by the City during FY10-11.

The City provided five Water Monitoring Kits to the Stevens and Permanente Creeks Watershed Council (SPCWC), to assist them with their Volunteer Creek Monitoring Program.

C.11.a.ii ► Mercury Collection

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

Not all mercury and PCB load reduction actions were tracked using "loads removed" methods this fiscal year. In the Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report, an initial Mercury and PCB Load Reduction Tracking Method was presented (see Provision C.11.g). Based on Water Board staff comments, a revised method will be presented in the Program's FY 10-11 Annual Report and/or the BASMAA Regional POC Report. Based on this methodology, loads removed via the collection/recycling of mercury-containing products will be documented beginning in FY 11-12.

Collection of mercury containing products from City facilities for FY 10-11:

Quantity	Material to be Recycled
Fluorescent 2 FT	177
Fluorescent 3 FT	36
Fluorescent 4 FT	505
Fluorescent 9 FT	7
Fluorescent Compacts	369
Fluorescent U Shape & Circular	0
HID (High Intensity Discharge)	448
SYL300f3Q/Clehm/02 120 V Quartz Lamp	0
Batteries (lbs) (Batteries, Wt, filled with Acid or Alkali 8,UN2794 or UN2795, PGIII)	342

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

A summary of countywide Program and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 10-11 Annual Report and/or the BASMAA Regional POC Report.

Section 12 - Provision C.12 PCBs Controls

C.12.a.i,iii ► Municipal Inspectors Training

(For FY 09-10 Annual Report only) List below or attach description of results of training municipal industrial inspectors to identify, in the course of their existing inspections, PCBs or PCB-containing equipment.

In FY 09-10, inspector training materials were developed by BASMAA and provided in the FY 09-10 BASMAA Regional POC Report. A description of efforts to train municipal industrial inspectors was provided in FY 09-10 Program Annual Report.

Environmental Programs staff participated in the Program's IND AHTG meetings where the group reviewed potential sources of copper, mercury and PCBs. Program Inspection forms were revised to include checking for sources of these pollutants.

C.12.a.ii,iii ► Ongoing Training

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

On March 4th 2010, the Environmental Programs Mgr. provided in-house Inspector training for Building Inspectors (4 out of 5 of the City's Industrial /Commercial Site Inspectors were present at the meeting). The in-house training on IND inspection procedures included a discussion on how to identify and look for PCBs during site visits. The discussion led to an inspection of a PG & E sub-station property in Cupertino (in the Monte Vista area) that could have contained transformers with PCBs. After an inspection of the property and a meeting with PG&E staff on the site, it was verified that this PG&E substation does not have any transformers that contain PCBs. Cupertino Inspectors have not yet identified any sites where PCBs might be found in Cupertino.

On May 5, 2011, nine Cupertino staff including three Stormwater Inspectors and three Code enforcement Officers, listened to a presentation "Inspecting Industrial/Commercial Facilities for Pollutants of Concern During Stormwater Inspections," which provided guidance for inspectors on locating and identifying Mercury, PCBs and Copper during inspections. The training segment was given by City of Sunnyvale's , Kristy McCumby Hyland.

See the FY 10-11 SCVURPPP Annual Report for a description of training provided countywide and/or regionally, and report on any local training efforts, if applicable.

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

A summary of countywide Program and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 10-11 Annual Report and/or the BASMAA Regional POC Report.

Section 13 - Provision C.13 Copper Controls

C.13.a.i and iii ► Legal Authority: Architectural Copper

<p><i>(For FY 10-11 Annual Report only)</i> Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?</p>	X	Yes		No
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The City's Stormwater Pollution Prevention and Watershed Protection Ordinance does not allow for exterior architectural copper on any new or redevelopment projects within the City.

City of Cupertino Ordinance Text (Municipal Code Section 9.18.210.E):

1. Copper metal roofing, copper granule-containing asphalt shingles and copper gutters shall not be permitted for use on any residential, commercial or industrial building for which a building permit is required.
2. Copper flashing for use under tiles or slates and small copper ornaments are exempt from this prohibition.

See the full text for Cupertino Municipal Code Section 9.18.210 E. at the following link:

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

C.13.b.i and iii ► Legal Authority: Pools, Spas, and Fountains

<p><i>(For FY10-11 Annual Report only)</i> Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?</p>	X	Yes		No
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See the text for Cupertino's prohibition of pool and spa discharges in **Cupertino's Municipal Code Section 9.18.210 C** at the following link:

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

C.13.c ► Vehicle Brake Pads

A summary of the Program's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of Program's FY 10-11 Annual Report and/or the BASMAA Regional POC Report.

To help prevent pollution from car wash events, the City purchased a Sudsafe storm drain protection kit that is borrowed by nonprofits and school groups (e.g., Cupertino High School) for fundraising car wash activities. The City's IDDE Inspector provides training for proper use of the Car Wash Kit. Along with other supplies, the kit contains an insert to block a storm drain and a pump to divert wash water to nearby landscaping or to the sanitary sewer for treatment and discharge. Information on car washing and the City's free Car Wash Kit is advertised on the City's Environmental Take Action page at:

<http://www.cupertino.org/index.aspx?page=169>

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

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

Cupertino's Industrial and Commercial Copper Controls

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

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

A summary of the countywide Program and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program's FY 10-11 Annual Report and/or BASMAA Regional POC Report.

C.13.e ► Studies to Reduce Copper Pollutant Impact Uncertainties

Summary

A summary of the countywide Program and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program's FY 10-11 Annual Report and/or BASMAA Regional POC Report.

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

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

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

A summary of the countywide Program and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 10-11 Annual Report and/or BASMAA Regional POC Report.

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

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

Is your agency a water purveyor?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If No , skip to C.15.b.vi.(2):				

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

Summary:

The City's Water Efficient Landscaping ordinance, 14.15, requires property owners to reduce water waste in landscaping by planting region-appropriate (native) plants that require minimal irrigation and by establishing irrigation efficiency. The ordinance can be viewed at the City's website at http://www.amlegal.com/cupertino_ca/. Additionally, the City has modeled this efficiency (in FY 10-11) by replacing 92 irrigation controllers with evapo-transpirative weather based controllers, which are anticipated to achieve significant water savings as well as reducing unnecessary runoff. The use of drought tolerant plants or native vegetation is a condition of approval for all landscape plans reviewed by the City's Planning Division as well as a requirement for all C.3 regulated projects.

The City's IDDE Inspector identifies and investigates ongoing, large volume landscape irrigation runoff and provides education to businesses and residents, and enforcement if necessary, to prevent over-watering and excess runoff from uncontrolled landscape irrigation. If businesses or residents do not prevent excessive irrigation runoff by adjusting the spray direction of sprinklers, fixing broken equipment, or reducing watering time, the IDDE inspector has the authority to escalate enforcement as described in the City's IDDE ERP.

The countywide IND Inspector training on May 5, 2011 was held in the City of Cupertino at Quinlan Community Center. The City's Environmental Programs Manager gave a presentation on provision C.15, which highlighted conditionally exempt discharges and emphasized the circumstances under which these discharges are considered a violation and require enforcement.

The City's Watershed Protection Ordinance, Section 9.18.210, prohibits the discharge of pool and spa water to the storm drain system. See Section 7 of the City's Annual Report for IPM and pesticide-reduction public outreach activities conducted by the City in FY 10-11.