



PUBLIC WORKS DEPARTMENT

Ralph A. Qualls, Jr., Director

CITY HALL
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September 15, 2010

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 2009-2010 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments 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 2009-2010 and consists of the following:

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Program Highlights and Accomplishments

In addition to implementing the new MRP, the City of Cupertino maintained its commitment to being a leader in sustainability and environmental protection. The idea exchange between City departments via the City's "Green Team" resulted in the purchase of a new fleet of traditional and electric bicycles, safety gear, and bicycle safety lessons for employees. The alternative transportation was provided to discourage vehicular travel between city facilities and for personal use during work hours.

The City negotiated a new agreement with its franchised hauler, Recology, which City Council approved in May. The new Agreement will be implemented on November 1, 2010. The year-long negotiations from June 2009 to May 2010 entailed several discussions on prevention of illicit stormwater discharges from leaking vehicles, leaking waste bins, the transport of leaking trash compactors, and spills of litter that may occur during collection. The Agreement specifies that the garbage company will clean spills immediately, but cleanup will be addressed, at the latest, within two hours after the spill is noticed or reported. Fines for non-compliance are written into the Agreement to emphasize the seriousness of maintaining clean streets.

To support the new Citywide collection of food waste for processing into compost, Recology has agreed to purchase four hundred backyard home composting bins and give them out, free of charge, to residents who take a home composting class or a Bay Friendly Gardening class. The Earth machine compost bins are very popular and sell for approximately \$70. The City has already seen an increase in Cupertino residents registering for upcoming Bay Friendly classes. Bay Friendly Gardening encourages residents to make environmentally friendly gardening choices which focus on protecting the watersheds of San Francisco Bay by, among other things, avoiding the use of synthetic fertilizers, toxic pesticides and non-native or invasive plants.

Public Education, Community Participation and Trash Management

To showcase its environmental programs, a "Cupertino Green" logo was created and applied to the City's compact reusable *Chico* shopping bags purchased to give away at its environmentally themed community events. In September, ten thousand people were expected to visit the three-day Fall Festival where Environmental Programs staff talked to more than 400 adults and children about watershed protection and pollution topics. The City's Earth Day event attracted over six hundred participants to booths with displays on beneficial insects, volunteer water monitoring, Master Composting, Bay Friendly Gardening, native plants, organic foods and interactive presentations for children featuring the Enviroscape watershed model. Over twenty different types of educational materials were taken by attendees at the watershed booth.

Since the inception of annual creek cleanup events in Cupertino in fall of 2008, volunteer participation has increased from approximately 80 participants to over a hundred at both the Coastal Cleanup Day in September and the National River Cleanup Day in May. The events are especially popular among high school students. Environmental Programs staff held two smaller events in March and May for school groups interested in cleaning a creek and learning about trash assessments.

Municipal Operations

In FY 09-10 the City purchased and installed a new state-of-the-art closed loop vehicle and equipment wash rack. The wash rack not only filters and recycles used wash water, but it

harvests rain collected in the structure for use during equipment and vehicle cleaning. Other minor operating procedures were updated after the City began revising its Storm Water Pollution Prevention Plan (SWPPP), last updated in 2004. The new, more detailed SWPPP was submitted to City's Municipal Service Center and Environmental Programs staff for final comments in June.

Planning and New and Redevelopment

Environmental Programs staff met internally several times with Planners in the Community Development Department and Public Works Engineering staff who review C.3 regulated projects and conduct permanent treatment operation and maintenance inspections, to discuss MRP implementation and proposed revisions to the City's Watershed Protection Ordinance. Although the City has the legal authority to enforce current MRP requirements, the updated Municipal Code will add language that more closely aligns with the MRP and will help implement upcoming requirements. Additionally, the City's Planning Division began working on a water efficient landscaping ordinance in December 2009, which was adopted by City Council in June 2010.

Industrial & Commercial Site Controls, Illicit Discharges, and Construction Site Controls

In FY 09-10, Cupertino developed Enforcement Response Plans (ERPs) for its Industrial and Commercial (IND), Illicit Discharge Detection and Elimination (IDDE), and Construction Inspection Programs. These ERPs document consistent and escalating enforcement procedures for all potential or actual illicit discharges. The ERPs represent a collaborative effort between Environmental Programs staff, the City's industrial/commercial (Building Dept) inspectors, the IDDE Inspector (Public Works Maintenance), the Construction Inspector (Public Works Engineering), and the City's Code Enforcement staff, to ensure feasible and efficient enforcement procedures meeting the requirements of the MRP. In addition, Code Enforcement staff worked with the City Attorney to clarify and strengthen the City's ordinance for administrative citation fines (Municipal Code Chapter 1.10). Administrative citation fines start at \$100 for the first offense and increase to \$500 for a third violation for the same offense. Environmental Programs adopted the administrative citation fine as Level Three in its escalating enforcement procedures. First administrative fines are now applicable to violations that are not resolved within ten business days and have not been granted a time extension due to extenuating circumstances of the violation. To implement the new enforcement procedures the City developed new notices of violation forms and incident report forms.

Hazardous Waste Collection Services

The City of Cupertino currently has about 1,500 residents per year that use the County's residential hazardous waste drop-off service. The City is hoping to double its residential participation in FY 10-11. The negotiations for the new waste management agreement with Recology during FY 09-10 resulted in a separate household hazardous waste contract with Curbside Inc., of Southern California. Curbside will take appointments to collect household hazardous waste from residents including, but not limited to, gardening chemicals, cleaning agents, fluorescent bulbs, batteries, e-waste, pharmaceuticals, and sharps. The new service will cost residents about \$0.50 per month for unlimited service appointments. The City will continue to fund its residential participation in the Countywide collection program, but this option will give working families more opportunities to dispose safely of hazardous waste because appointments are made in advance and a "kit" with a large clear plastic bag is sent to the resident who may subsequently load it up and "lock" materials into it with a one-way bag tie and

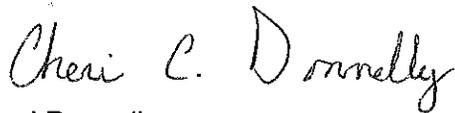
leave the waste at the front door for collection. Residents need not wait at home for the collection driver to arrive. This residential program will begin on November 1, 2010 when the City's new waste management franchise agreement becomes effective.

Stevens Creek Corridor Restoration Project

The City's Stevens Creek restoration project at Blackberry Farm was opened to the public on July 4, 2009. Before the Annual SCVURPPP C.3 Stormwater Workshop on June 8, 2010, the City was told that the project was this year's site design award winner for public parks. The City's Project Engineer gave a presentation detailing the improvements, including replacement of a large conventional asphalt parking lot with a smaller lot made entirely of porous pavement and vegetated geo-cell parking stalls and a net reduction of over 3 acres of impervious surface. The project also incorporated removal of a diversion dam and low flow stream crossings; relocation of a maintenance facility out of the riparian corridor; realignment, widening, and regrading of the Stevens Creek channel for a more natural meander, greater bank stability, and less down-cutting; and habitat restoration with native plants and trees to complete the new streamside landscape.

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

Very truly yours,



Cheri Donnelly
Environmental Programs Manager
City of Cupertino

CITY OF CUPERTINO

Urban Runoff Management Program



Annual Report
FY 2009-2010

September 7, 2010

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CUPERTINO GREEN
Program

CITY OF CUPERTINO FY 2009-2010 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

9-7-10

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
MDDB	Metadata Database
MDL	Most Downstream Location
MEP	Maximum Extent Practicable
Mercury Plan	Mercury Pollution Prevention Plan
Mg	milligram
mgd	million gallons per day
MIGR	fish migration
MOA	Memorandum of Agreement
MOFO	Morrison & Foerster
MOU	Memorandum of Understanding
MP	Monitoring Priority
MROSD	Mid-Peninsula Regional Open Space District
MRP	Municipal Regional Stormwater NPDES Permit – 10/14/2009
MYRWMP	Multi-Year Receiving Waters Monitoring Plan
NAP	Nickel Action Plan
NEMA	National Electrical Manufacturers Association
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:	2009 year 55,838	2010 year 56,431	Percent change 1.1		
NPDES Permit No.:	CAS612008				
Order Number:	R2-2009-0074				
Reporting Time Period (month/year):	July / 2009 through June / 2010				
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				



FY 09 - 10 Annual Report

Section 2

Provision C.2 Municipal Operations

Section 2 - Provision C.2 Reporting Municipal Operations

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

Summary:
 In 2010, Cupertino's 2004 SWPPP was reviewed and completely revised with the help of the City's storm water consultant. Several staff interviews were conducted in the spring along with a detailed Corp yard inspection on May 19th. The resulting final draft including notes on standard operating procedures for the City's new closed-loop vehicle wash pad (with rain harvesting capability) was available for staff on June 30th for comments. The new SWPPP will be finalized by fall of 2010 to reflect several staff changes including a new Street Maintenance Supervisor, hired on July 1, 2010. The City's new Supervisor brings with him ten years of Caltrans experience and a particular interest in educating staff on stormwater BMPs.

Cupertino's Environmental Programs staff participated in the Program's Municipal Operations Ad Hoc Task Group (AHTG) and determined how the City would implement the investigation of eleven (11) screening check points in the City's storm drain system and at strategic outfalls to local creeks; Please see the C.2 Municipal Operations section of Program's FY 09-10 Annual Report for a description of activities of the Municipal Operations AHTG.

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: The Assistant Director of Public Works, Maintenance verified that the Street/Road/Highway Repair & 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. Maintenance workers perform only emergency repairs of streets and roads. Any saw cutting done by City staff or contractors is done using a tool with a built in vacuum. All other work is sent out to bid as a Capital Improvement Project (CIP). Contract specifications require adherence to the City's Performance Standard BMPs and a pre-consultation meeting is held in which stormwater BMPs and requirements are reviewed with the contractor. Minor and emergency repairs may be handled by an on-call contractor. If an on-call contractor, such as Able, is used for hydro-flushing and vacuuming storm drains, a City maintenance worker supervises the work and verifies that the BMPs are used effectively. In addition to ongoing training in BMPs, the Environmental Programs Manager met with all divisions of the Public Works Maintenance staff (approximately 70

employees) at a staff training meeting on August 5th 2009 to review BMPs and to discuss the implementation of the upcoming Municipal Regional Permit. The City's IDDE Inspector, a maintenance worker at the City's corporation yard, stays informed about any repairs or maintenance done by City staff and City contractors. He continually observes and ensures that BMPs are being effectively employed. The annual Corp Yard staff training was held on 8/5/09, which included a discussion on how to safely clean up a mercury spill. A poster of the cleanup tips was placed in the Service Center office and a binder-sized copy was provided to include in the corporation yard SWPPP.

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:

The Assistant Director of Public Works, Maintenance verified that the Sidewalk Plaza 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. Dry methods are used to clean sidewalks. If any water is used to clean sidewalks or plazas, City maintenance workers use the appropriate BASMAA surface cleaning BMPs to prevent soap, oil and other pollutants from entering the storm drains.

This year the City renegotiated its franchise garbage and recycling collection agreement and added language to require that businesses within the City are offered one free debris box cleaning per year. The debris boxes are taken to the hauler's facility for steam and/or pressure cleaning. This was intended to keep debris box discharges to a minimum and to prevent business owners from power washing the debris boxes in their parking lots where the runoff would likely get to the storm drain system.

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:

<input checked="" type="checkbox"/>	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
<input checked="" type="checkbox"/>	Control of discharges from graffiti removal activities
<input checked="" type="checkbox"/>	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
<input checked="" type="checkbox"/>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal

Comments:

The Assistant Director of Public Works, Maintenance verified that the Bridge and Structure 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. When removing graffiti, maintenance crews do not use sand blasting. Instead, graffiti is covered over with graffiti-resistant paint.

C.2.d. ► Stormwater Pump Stations

Does your municipality own stormwater pump stations: Yes **The City of Cupertino does not own any pump stations.**

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

(For FY 10-11 Annual Report only) Complete the following table for dry weather DO monitoring and inspection data for pump stations¹ (add more rows for additional pump stations):

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L

¹ Pump stations that pump stormwater into stormwater collection systems or infiltrate into a dry creek immediately downstream are exempt from DO monitoring.

C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural ² roads: The City of Cupertino maintains between 1 to 2 miles of rural roads near Regnart Road. All of these roads are paved and maintained on a regular maintenance cycle.		X*	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 not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:			
X	Control of 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		
NA	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		
NA	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		
<p>Comments including listing increased maintenance in priority areas:</p> <p>The City does not have any unpaved rural roads. *The combined length of 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. The current conservative estimate of rural roads under the revised definition is approximately two miles. The City will reevaluate this once the Program completes its analysis of the MRP's Rural Roads provisions. Inspection and maintenance of this limited amount of rural roadways are done as part of the City's ongoing street maintenance program or on a complaint basis. The City does not foresee construction of additional rural roads, however if rural County areas are annexed into Cupertino, the new public roads would be designed to minimize impacts to watercourses and water quality. Eleven Public Works Maintenance Workers attended the Program's Rural Road Maintenance training workshop on September 25th, 2008. The Assistant Director of Public Works, Maintenance verified that the Rural Public Works Maintenance BMPs as noted in the City's Urban Runoff Management Plan (2004) Performance Standard for Public Streets are consistently being</p>			

² 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.

implemented by City staff whenever work is done in "rural" areas. This past winter mud from one residential lot slid into the rural road on Upland Way in Cupertino. City emergency crews responded and used BMPs to keep mud from entering the storm drain. The City's Public Works Engineer wrote the resident a letter advising the resident to contact a geotechnical engineering firm to investigate the hillside, and provide recommendations for the reparation of the slope, and repair the slope as necessary. In Aug. to Sept 2009, maintenance was completed on rural roads, Lindy Lane and Regnart Rd in Cupertino (the work was done by contractor, O'Grady Paving) to prevent possible road failure. The City's Performance Standard BMPs for Rural Public Works were included in the contract specifications. Additionally, the appropriate BMPs and City requirements were reviewed with the contractor in a pre-construction meeting with City Engineering staff.

The City's rural road maintenance program is based on a 7-year maintenance cycle. However, City maintenance staff and field crews watch for potential problems in this area and report any need for additional maintenance.

During FY 09-10, the City did not replace any culverts and did not design any culverts or bridge crossings. However, during FY 08-09, the City did remove a barrier in Stevens Creek that served as a crossing for vehicles through the creek. During the replacement of the vehicle in-creek crossing, the City and its contractor partnered with the Water District, Dept of Fish and Game and with a naturalist to ensure that any construction was done in a way that would protect wildlife habitat. The new bridge was carefully designed as part of the creek restoration to reduce erosion, increase fish passage, and to restore the natural geomorphology of the creek. The project won a Site Design Award from SCVURPPP in June 2010 for its many beneficial aspects of natural creek restoration and wildlife habitat preservation and for removing acres of asphalt parking lot and replacing it with vegetated geo-cell parking and native landscaping. Any work that the City conducts in the future, near a creek or on a culvert, would be done in conjunction with the Water District and would be designed to prevent erosion and maintain or restore natural creek geomorphology.

C.2.f. ► Corporation Yard BMP Implementation	
Place an X in the boxes below that apply to your corporation 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 certify that 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
<p>Comments:</p> <p>The City's corporation yard (the Municipal Service Center, or MSC) SWPPP was completely revised in spring of 2010. Staff retirement led to a reorganization of the staff responsibilities, which are documented in the SWPPP.</p> <p>Two Corp Yard inspections occurred in FY 09-10. The first was on July 14, 2009 to make up for a missed inspection in June 2009. The second was on May 19, 2010. Noteworthy inspection findings are summarized below. The inspection results from both 2008 and 2009 recognized a need to improve vehicle washing facilities. A new state-of-the-art closed loop vehicle and equipment wash rack was completed at the MSC in spring 2010. The wash rack filters and recycles used wash water and also harvests rain collected in the structure for make-up water. Staff training on the new vehicle and equipment wash station was provided in May 2010.</p> <p>A main finding of the May 19, 2010 Corp Yard inspection was that street sweeping equipment be fixed or replaced to eliminate leakage at the MSC. New sweepers would also improve the efficiency of the city-wide street sweeping program. This option will be considered in the next request for proposal when the City's street sweeping contract goes out to bid before the current contract expires on July 1, 2011</p>	
If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or	

attach a summary including the following information:			
Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
Municipal Service Center	July 14, 2009	1. Vehicles washed in area when runoff may enter SD 2. Paint chips present in stencil scraping area 3. Rusty water leaking from water truck 4. CB near Warehouse needed cleaning	1. New wash rack completed spring 2010 2. Stencil scraping area tarped beforehand and swept after 3. Crews to park water truck in landscaped/ dirt area until leak fixed 4. Site Manager told of need for CB cleaning
Municipal Service Center	May 19, 2010	1. Spill kit near Fuel Island should include trench drain plug 2. A few vehicles/equip leaking 3. Some dumpster lids open 4. No "No Topping Off" signs at Fuel Island 5. Cigarette butts on ground near Grounds Shop/Sign Rm 6. Street sweeper leaking where parked 7. Surplus equip./materials stockpiled 8. Some inspections undocumented.	1. At end of June 2010, new spill kit installed near Fuel Island contains conical plug to place in trench drain outlet in case of fueling spill/leak 2. In June 2010, absorbent pads placed under leaking tractor and water truck partially repaired. More repair to water truck by end of 2010. 3. By fall 2010, signs to be placed on dumpsters to remind users to keep lids closed. 4. By fall 2010, "No Topping-Off" signs to be placed at fuel pumps 5. By fall 2010, place

			<p>additional cigarette butt receptacles where needed.</p> <p>6. By end of 2010, street sweeper leaking to be fully controlled.</p> <p>7. Disposal of surplus equip./materials to occur on an on-going basis.</p> <p>8. As of June 2010, all inspections to be documented in writing.</p> <p>9. Pavement sweeping at MSC to be scheduled to occur as part of new sweeping contract.</p>
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Section 3

Provision C.3 New Development and Redevelopment

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

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

(For FY 10-11 Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

The City began a comprehensive revision of the stormwater ordinance in March 2010. Input has been solicited from City Planners and Public Works Engineer regarding C.3 compliance. Once the draft ordinance revision is complete, anticipated in fall 2010, it will be sent to City Attorney for review. The ordinance is expected to be approved by the City Council by winter 2010-2011.

C.3 Guidance and Impervious Surface Form:

The City's Impervious surface form was revised in May 2010; requiring project applicants to reserve or put aside 4% of a project's developable land at the beginning of a project's design phase. Reserving this space for C.3 stormwater treatment measures remains a key feature of the form and the City's guidance.

On 4-27-2010, new C.3 guidance (two fact sheets) for project applicants was placed at the Planning and Public Works counter and on the City's website. The guidance (borrowed from the City of Sunnyvale) encourages all new and redevelopment projects to protect water quality by considering the given examples of site design and source control measures. PDF files of the guidance for LID and for site design and source controls can be viewed at: <http://www.cupertino.org/index.aspx?page=170> under the following heading and document listings:

Development Requirements - Through the use of Low Impact Development (LID) Techniques all Projects Are Encouraged to Include Site Design and Source Control Measures to Reduce Stormwater Runoff Pollution

LID Techniques and Stormwater Pollution Controls

Site Design and Source Control Measures

Training: The City's Environmental Programs Mgr. presented the new C.3 guidance fact sheets and spoke to Planning Division staff about the upcoming LID requirements in the MRP at a Community Development staff meeting on 5-3-2010. A round table discussion ensued wherein it was determined that planners consider the "Entitlement" step as the final discretionary approval granted by the City before a project is ready to start demolition or construction. Once entitlement has been obtained, the City can no longer place additional conditions of approval on the project. Environmental Programs and Planning staff discussed how the City would prepare for the December 1, 2011 implementation requiring the treatment of runoff with 100% LID measures and requiring projects with 5,000 sf of impervious surface to comply with provision C.3 of the MRP. This C.3 /LID Planner training meeting was attended by the entire Planning staff, including the Dir. of Community Development, the Economic New and Redevelopment Mgr, the City Planner, three Senior Planners, the Associate Planner, and an Assistant Planner.

During FY 09-10, the City's Associate Planner developed a design project for her graduate class incorporating "green street" designs and LID measures in the parking lot and on-street parking area around City Hall. A stressed City budget prevents this pilot project from being considered at this time, but the effort among Cupertino planners to engage in creative thinking to promote LID is evident in Cupertino's Planning Division.

SCVURPPP held its annual C.3 Stormwater Workshop at Cupertino's Quinlan Center on June 8, 2010. Two of Cupertino's Senior Planners and five of the Public Works Engineering and Environmental Programs staff, including those responsible for the review of C.3 projects, attended the workshop. At this event, Cupertino's Steven's Creek Restoration project at Blackberry Farm was announced as this year's site design award winner for public

parcs. The City's Project Engineer gave a presentation detailing the improvements, including replacement of over 3 acres of conventional asphalt parking lot with a smaller lot made entirely of porous pavement and vegetated geo-cell parking stalls, and native plants and trees to complete the new streamside landscape. Two areas where concrete crossings were used by vehicles to "drive through" the creek were removed and in their place an environmentally friendly pedestrian and maintenance cart bridge was built.

On October 27, 2009, in an effort to provide co-permittees with a better understanding of feasible rain harvesting, SCVURPPP sponsored, and the City of Cupertino hosted, a webinar on *Rainwater Collection and Case Studies for Sustainable Water Management*. Cupertino's Environmental Programs Mgr and Public Works Engineer responsible for reviewing C.3 projects attended.

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.

Please see the C.3 New Development and Redevelopment section of Program's FY 09-10 Annual Report for a description of activities of the C3PO AHTG Green Streets Work Group and the BASMAA Development Committee.

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

Please see the attached table C.3.b.v.(1) for a list of Cupertino's C3 regulated projects that were approved in FY 09-10.

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

(1) Please see the attached inspection reporting table C.3.h.iv.(1)

(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary of findings: Most of Cupertino's eight C.3 regulated projects from previous years have mechanical treatments and/or vegetated bioswales installed on the properties. Whole Foods has dry wells at the end each of the parking lot swales.

Mechanical treatments

The mechanical units have not yet had any maintenance problems.

Swales

The City has learned that swales do not work well in grocery store parking lots due to the heavy pedestrian traffic and the grocery carts that end up being "parked" in the swales. The swales at other properties have not had maintenance problems to date.

Vegetated swales were installed in two areas at a grocery store complex in Cupertino. Several months after construction, the Public Works Inspector field-checked the site and observed the vegetation in the main parking area swales was dying or dead and there was standing water in one swale's downstream drain inlet (dry well) during dry June weather. The problem with standing water was fixed immediately after the store was notified and its maintenance crew cut back on the irrigation schedule for the vegetation in the swales (the additional irrigation was not bringing the vegetation in the swales back to life).

The problem with the bioswale's vegetation was remedied when the property owner's tenant scarified the soil, added amendments, built a two-rail wood fence on either side of the swales with a few intermittent bridge crossings for carts and pedestrians and replaced several parking spaces with additional grocery cart parking stalls. In addition, the swales were replanted with heartier and more drought-tolerant *Juncus Patens* shrubbery, the irrigation system was converted to a drip system, and the landscape installer was hired to maintain the swales after the re-landscaping project was complete. The vegetation in the swales is now thriving and the swales and dry wells appear to be functioning well. This remediation came at a significant cost to the tenant. To further ensure protection of the storm drain system, the City has asked grocery store property managers to provide documentation of annual on-site storm drain inlet cleaning and cleaning of the downstream ends of the swales before the rainy season in fall 2010. The swales, drain inlets, and the additional maintenance documentation will be checked by the City annually, beginning in FY 10-11. In the future, the City will not approve swales in areas with this type of traffic unless additional measures are taken to protect the 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).

Summary: The City's Permanent Treatment O&M Verification Inspection Program is conducted entirely by the Public Works Inspector, who also conducts the City's construction site management inspections. The property owner is responsible for maintenance of installed permanent treatments and the City requires that the property owner ensure that maintenance is conducted at least annually with documentation available to the City's Public Works Inspector upon his request. This year, the inspector recommended that property owner contact information be updated annually to facilitate his access to the appropriate responsible party if a business changes owners or if a property owner changes tenants. The contact information was updated in August 2010 and logged in the O&M Inspection Excel spreadsheet. The City had considered converting from Excel to an Access data base for tracking O&M, however the spreadsheet works well and staff are no longer anticipating a change in the near future. No other improvements to the Permanent Treatment O&M Verification Inspection Program are deemed necessary at this time.

With only a few new projects to add to Cupertino's list of eight existing C.3 regulated projects this fiscal year, the City will continue to inspect installed treatments at each completed site in FY 10-11. None of the C.3 regulated projects approved in FY 09-10 were complete as of the end of FY 09-10 and only four of the private C.3 regulated projects approved in earlier years were complete by the end of FY 09-10. Due to the economy, one project was put on indefinite hold and will continue 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 these sites annually, as allowed under MRP Provision C.3.h. For the only Cupertino site thus far that has had maintenance problems with installed treatment measures (the grocery parking lot swales), the City Environmental Programs Manager, Public Works Inspector and Engineering staff were able to meet with the property owner and the tenant several times to agree upon a "re-design" of the failed treatment measure. The City's Municipal Code helped ensure that compliance was met satisfactorily. All other aspects of the City's Permanent Treatment O&M Verification Inspection Program are working well. Ongoing Permanent Treatment O&M is ensured by a formal written stormwater BMP operation and maintenance agreement with the property owner, 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 will be inspected annually. The installed treatment measures are inspected by the Public Works Inspector when the project is first completed and 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 permanent treatment construction and performs O&M inspections and enforcement for all C.3 regulated projects using the C.3.b.v. (1) project reporting tables and an Excel inspection results spreadsheet.
- 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 report for the previous fiscal year to the Environmental Programs Manager by July 30th 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 inspection of the stormwater treatment systems.
- Prior to an initial site inspection, the Public Works Inspector will review the site's Storm Water Management Plan, including applicable as-built construction plans, for permanent treatment information, including types and locations of treatments.
- The Inspector will review the property owner's available site permanent treatment O&M maintenance records and any previous inspection reports.
- 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 spreadsheet.
- If any deficiency is noted, the Public Works Inspector will document it in writing. The written notice of violation will include the O&M inspection results, including a list of corrective actions needed and a compliance schedule. This notice will be sent to the property owner/manager within ten working days of an inspection.
- The Public Works Inspector will provide written notification to the Environmental Programs Manager of any sites with an O&M violation,

including information on location, the nature of violation and the required follow-up.

- The property owner and, if applicable, the site manager, will be instructed to notify the Public Works Inspector within the time period indicated on the Notice of Violation so that the facilities can be re-inspected. The inspector will complete a new 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 (such as if City intervention was required to complete corrective work).



Appendix 3-1

New and Redevelopment and

Permanent Treatment O&M Inspection

Report Tables

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 ¹ , Street Address	Name of Developer	Project Phase No. ²	Project Type & Description ³	Project Watershed ⁴	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New and/or Replaced Impervious Surface Area ⁵ (ft ²)	Total Pre-Project Impervious Surface Area ⁶ (ft ²)	Total Post-Project Impervious Surface Area ⁷ (ft ²)
Private Projects										
Apple VP02	19333 Vallco Parkway	Apple, Inc.	1	Redevelopment - Tenant Improvements & Site Improvements	Calabazas Creek	17.83	10.59	461,300	640,404	633,362
St Jude Episcopal Church	20920 McClellan Road	St Jude the Apostle Episcopal Church in Cupertino, CA	1	Redevelopment – Site Improvements	Regnart Creek	3.00	0.58	11,237	62,955	74,192
First Baptist Church of Cupertino	10505 Miller Avenue	First Baptist Church of Cupertino	1	Redevelopment – Site Improvements	Calabazas Creek	3.45	0.69	21,320	53,090	74,410
Public Projects										
None										

¹ Include cross streets.

² If a project is being constructed in phases, use a separate row entry for each phase.

³ 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.

⁴ State the watershed(s) that the Regulated Project drains to. Optional but recommended: Also state the downstream watershed(s).

⁵ State both the total new impervious surface area and the total replaced impervious surface area, as applicable.

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.	Status of Project ⁸	Source Control Measures ⁹	Site Design Measures ¹⁰	Treatment Systems Approved ¹¹	Operation & Maintenance Responsibility Mechanism ¹²	Hydraulic Sizing Criteria ¹³	Alternative Compliance Measures ^{14/15}	Alternative Certification ¹⁶	HM Controls ^{17/18}
Private Projects									
Apple VP02	7/13/09 submittal 10/26/09 deemed complete; 1/4/10 final discretionary approval	Inlet stenciling, water- efficient & monitored irrigation, covered trash bins, loading docks draining to vegetated swales.	Protection of existing outfalls without modifications, protection of existing mature trees, new tree species in conformance with SCVWD species guidelines. Landscape areas increased by reducing parking stall	Four (4) Vegetated Swales	O & M Agreement; Corporate Maintenance Division, Apple Inc.	Flow-Based, CA BMP Handbook Approach	None	Yes; Schaaf & Wheeler	No, Project located in an area where HMP not required on projects under 50 Ac.

⁸ For private projects, state project application submittal date; application deemed complete date; and, final discretionary approval date. For public projects, state plans and specifications approval date.

⁹ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹⁰ List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

¹¹ 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.).

¹² 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.

¹³ See Provision C.3.d. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3)

¹⁴ For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

¹⁵ For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

¹⁶ Note whether a third party was used to certify the project design complies with Provision C.3.d.

¹⁷ If HM control is not required, state why not.

¹⁸ If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period									
Project Name Project No.	Status of Project ⁸	Source Control Measures ⁹	Site Design Measures ¹⁰	Treatment Systems Approved ¹¹	Operation & Maintenance Responsibility Mechanism ¹²	Hydraulic Sizing Criteria ¹³	Alternative Compliance Measures ^{14/15}	Alternative Certification ¹⁶	HM Controls ^{17/18}
			depth with use of 2'-overhangs. Vegetated Swales designed to treat 100% of the site.						
St Jude Episcopal Church	5/4/09 submittal; 10/22/09 deemed complete; 11/24/09 final discretionary approval	Covered trash enclosure, maintenance of CUDO system.	Disconnect downspouts and direct to landscape areas prior to being collected by storm drain system.	Underground retention & infiltration device – (CUDO stormwater infiltration system with perk filter pod system)	O & M Agreement; St. Jude Episcopal Church	Volume Based Urban Runoff Quality Management Approach	None	Yes; Nolte Assoc.	No, Project disturbed less than 1 Ac.
First Baptist Church of Cupertino	3/25/08 submittal; 8/05/08 deemed complete; 11/10/08 final discretionary approval	Pavement sweeping as needed (once every 6 months, min.)	Stormwater from the parking lot is directed to vegetated swales where the stormwater percolates into the ground.	Porous pavement, vegetated swales, percolation trenches.	SWMP	Flow-Based, C.3 Stormwater Handbook	None	Yes; Engeo Incorporated	No, Project disturbed less than 1 Ac.
Public Projects									

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

Table of Installed Stormwater Treatment System Operation and Maintenance Inspections

Facility/Site Inspected and Location	Party Responsible ¹⁹ For Maintenance	Date of Inspection	Type of Inspection ²⁰	Type of Treatment/HM Control(s) Inspected ²¹	Inspection Findings or Results ²²	Enforcement Action Taken ²³	Comments
10900 N Tantau Avenue (Panasonic)	Larry Wallerstein	6/22/2010	Routine	Porous Pavement Vegetated Swale Vortex Separator Inlet Inserts	No Visible/Apparent Problems	None	APN 316-09-029: New Tenant, spring 2010.
20955 Stevens Creek Blvd (Whole Foods)	Scott Sherman - Store Team Leader	6/22/2010	Routine	Parking lot drains to vegetated swales with dry well inlets at end of swales.	No Visible/Apparent Problems	None	APN 326-31-022 Plants in bioswales are thriving and no standing water in dry wells after successful re-design and landscaping in 2009. Requested annual cleaning records for inlets before rainy season 2010 from store manager.
10495 DeAnza Blvd (Apple)	Maria Moules	6/23/2010	Routine	Vegetated Swale & Vortex Separator	No Visible/Apparent Problems	None	APN 326-33-110 CDS inspection & maintenance done June 2009. No apparent problems.
19620 Stevens Creek Blvd (Market Place)	Edward Chan	6/23/2010	Initial	Vegetated Swale & Vortex Separator	No Visible/Apparent Problems	None	APN 369-06-010 Project recently completed; Will get schedule for annual CDS inspection & maintenance in FY 10-11.
10505 Miller Avenue (1st Baptist Church)	Senior Pastor Robin Davies	6/23/2010	Initial	Vegetated Swale	No Visible/Apparent Problems	None	APN 369-16-026 Project recently completed

¹⁹ State the responsible operator for installed stormwater treatment systems and HM controls.

²⁰ State the type of inspection (e.g., annual, follow-up, spot, etc.).

²¹ State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

²² State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

²³ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.



FY 09 - 10 Annual Report

Section 4

Provision C.4 Industrial and Commercial Site Controls

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

C.4.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to obtain effective stormwater pollutant control on industrial sites? Yes No

Chapter 9.18 of the City's Municipal Code, which covers *Stormwater Pollution Prevention and Watershed Protection*, gives the City the legal authority to enforce stormwater protection violations and to require potential violators to improve BMPs. In March 2010, the Environmental Programs Manager and the City's NPDES Consultant began working on revisions to the Code to better align it with the requirements in the MRP. Input has been solicited from the City Planners, the IDDE Inspector, Code Enforcement staff and the Public Works Maintenance Assistant Director. Proposed revisions are expected to be complete by fall 2010 and will be given to the City Attorney for review. The ordinance is expected to be approved and the Municipal Code updated by winter 2010-2011.

C.4.c.ii.(5) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010? Yes No

Program Highlights

Cupertino developed an IND Enforcement Response Plan (ERP) by April 1, 2010 and submitted it to SCVURPPP. Subsequently, the IND ERP underwent several revisions to make the process more efficient and to reflect feedback from City's Building Dept. IND Inspection and Code Enforcement staff. City IND Inspectors (Building Dept Inspectors, IIDDE Inspector and as appropriate, Code Enforcement staff) are regularly updated and trained on IND inspection and reporting procedures.

The Environmental Programs Manager and staff meet almost weekly with the Public Works IDDE Inspector, who conducts targeted IND inspections at food facilities and gas stations, in addition to the scheduled annual inspections conducted by Building Dept. IND Inspectors. The Env. Prgms. Mgr. and other Public Works staff have regularly attended the IND/IDDE AHTG meetings for training on IND program procedures and updates and have reviewed and provided comments for IND AHTG products.

Following the adoption of the IND ERP in April 2010, Cupertino began using the SCVURPPP standardized Access IND Database to document all IND investigations and violations. Previously, only industrial inspections conducted by Building Department Inspectors were entered in the database. The other facility inspections, conducted proactively by the IDDE Inspector, were previously recorded in a manner that did not capture all the facility and investigation information (see table below).

Proactive IND/Commercial Inspections (of the perimeter of the buildings) by IDDE Inspector: From Daily Logs 7/1/09 - 3/31/10

(After 4/1/10 IND Inspections by IDDE Inspector were recorded in the IND Access Database to capture facility type and name for follow up inspections)

Restaurant	102
Vehicle Facility	26
Convenient Store (e.g. 7-11, Q-Mart)	9
Grocery Store/Market	25
Shopping Center: Commercial/Food/Medical Office/etc.	23
Commercial/Retail (e.g. furniture, retail)	3
TOTAL	188

C.4.b.i. ► Business Inspection Plan

(For FY 09-10 Annual Report only) Do you have a Business Inspection Plan? See attached Appendix 4-1

Yes No

In FY 09-10, Cupertino generated a list of all potential businesses to be considered for IND inspections and has developed a list of prioritized facilities that were selected to be inspected during the current permit cycle, based on business type and violation history. This priority list (Business Inspection Plan) will replace the IDDE Inspector's daily proactive inspections (4-5 inspections per week) in which the inspector would perform routine inspections of facilities with previous violations and facilities that had the potential to violate stormwater requirements. The IDDE Inspector will now perform approximately 2-3 IND inspections per week based on the City's Business Inspection Plan identifying priority facilities. This plan is adaptive and will be revised as facilities are inspected and found unlikely to have stormwater violations and other facilities are prioritized to receive inspections due to business type and conditions and/or violation history. Implementation of the City's Business Inspection Plan utilizes the Santa Clara County Environmental Health's Food Facility Inspectors (DEH), the City's Building Inspectors, the City's IDDE Inspector and the City's Code Enforcement Officers to provide a coordinated team of staff in the field who are trained on the MRP requirements and the City's Enforcement Response Plan.

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

Listed below are industrial and commercial facilities in Cupertino's Inspection that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

In the attached Business Inspection Plan see the following two list sections:

- 1. C.4.b.iii.(1): Identified List of Industrial/Commercial Facilities (excluding food facilities)**
These are the 90 facilities that the City of Cupertino's Building Department/ IND Inspectors will be responsible for inspecting as of FY 10-11, including automotive facilities, dry cleaners, veterinarians, garden centers and other IND/Commercial facilities that have the potential to cause or contribute to stormwater pollution. If any changes occur due to new businesses or business closures this list will be adjusted each fiscal year
- 2. C.4.b.iii.(1): Food Facilities Inspected Annually by County Dept. of Environmental Health**
As of FY 09-10, 260 restaurants and food facilities are located in Cupertino. Each facility will be inspected by DEH. In addition, the City's IDDE Inspector will be responsible for conducting follow-up investigations at violating facilities, as well as performing proactive investigations at some facilities considered high priority due to their business type and/or site performance history.

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

Listed below are Cupertino's industrial and commercial facilities scheduled for inspection during the current fiscal year.

In the attached Business Inspection Plan see the following two list sections:

- 3. C.4.b.iii.(2): Industrial/Commercial Facilities Scheduled for Inspection in FY 10-11 (excluding food facilities)**
- 4. C.4.b.iii.(2): Food Facilities Scheduled for Targeted Inspection in FY 10-11 (Listed as high priority inspections due to previous violations)**

C.4.c.iii.(1) ► Facility Inspections

The following is a summary of inspections conducted at IND/Commercial facilities, including restaurants. Although, Cupertino relies heavily on DEH to conduct restaurant inspections, the City's IDDE inspector also performs routine inspections of restaurants, particularly those that have previous violations.	Number	Percent
Number of businesses inspected (if known) (All IND/Commercial facilities inspected, with duplicates removed)	315	
Total number of inspections conducted: Includes 410 food facility inspections conducted by DEH, 126 facilities inspected by Cupertino's IND Building Dept. Inspectors and the IDDE Inspector (see Cupertino's IND Inspection Reporting Table in Appendix 4-2), and 188 proactive inspections (of the perimeter of the building) by the IDDE inspector (see table above in Program Highlights).	724	
Enforcement actions (excluding verbal warnings). Prior to April 1, 2010 it was standard practice to issue verbal warnings and provide education for all violations, unless they had a severe impact, or threat, to the storm drain system, which did not occur in Cupertino. Following April 1 st the practice will be to provide escalating enforcement for frequent violators and higher levels of enforcement for violations that threaten the storm drain system.	12	
Sites inspected in violation. 71 violations occurred out of 724 inspections(71/724x100)	71	9.8%

Violations ¹ resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	71	100%
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¹ 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.

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. non-stormwater discharge)	6
Potential discharge (e.g. BMPs not in place or ineffective).	65

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) ¹	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ²
Level 1	Verbal Warning	59	83%
Level 2	Notice of Violation	11	16%
Level 3	Pre-Administration Citation	0	0%
Level 4	Administrative Citation Fine	1	1%
Level 5	Referral to City Attorney	0	0%
Level 6	Referral to Water Board or Other Agency	0	0%
Total		71	100%

Notes:

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

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

C.4.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 ¹ Only business categories for violating facilities listed.	Actual Discharge Violations	Potential Discharge Violations
Automotive Service/Maintenance	1	5
Restaurant/Food Facility	4	43
Retail/Sales (including furniture stores)		17
Veterinarian	1	

Notes:

¹ List your Program's standard business categories.

C.4.c.iii.(4) ► Non-Filers

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

There were no industries identified as non-filers during scheduled inspections during this fiscal year.

C.4.d.iii ► Staff Training Summary

Throughout FY 09-10 the Env. Prgm. Mgr. and Environmental Programs' staff met approximately weekly with the IDDE inspector responsible for conducting IND inspections in order to discuss new enforcement and reporting requirements and procedures for IND inspections and violations.

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance (Cupertino has 5 IND (Building) Inspectors & 1 IDDE Inspector who conducts IND inspections and two inspectors from DEH who work in Cupertino)
IND Bldg Dept Training	11/16/09	Provided HHW brochures for distribution during business inspections and provided information on what to look for when conducting IND inspections.	5 plus the Building Official	100%

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
IND/Comm Ad Hoc Task Group	12/1/09	Discuss and provide feedback on IND inspection and enforcement procedures among co-permittees.	1 Env. Programs staff, who relayed pertinent information to inspectors	Ad Hoc Task Group during FY 09-10 was the equivalent of staff training for the City on the MRP
IND/Comm AHTG	1/12/10	Discuss and provide feedback on IND inspection and enforcement procedures among co-permittees.	Env. Programs staff, who relayed pertinent information back to inspectors	N/A
IND/Comm AHTG	2/2/10	Discuss and provide feedback on IND inspection and enforcement procedures among cities, DEH, and County of Santa Clara at Cupertino City Hall.	1-Senior Building Inspector-who relayed information to other IND inspectors	20%
Procedures Training for IDDE Inspector	2/22/10	Env. Pgrm. Mgr. met with the Assistant Dir of PW Maintenance and the IDDE Inspector to discuss changes to documentation/compliance forms for the City's IDDE Inspector, who also conducts IND follow up and proactive investigations.	Env. Pgrm. Mgr. and IDDE Inspector for IND / Comm. Primarily for restaurant inspections	100%
IND Inspection Training	2/23/10	IND meeting with Env. Prgms. staff and other Co-permittees to discuss and provide feedback on IND inspection procedures and enforcement procedures for violations at Cupertino City Hall.	Cupertino IDDE Inspector attended AHTG	N/A
In-house IND Training	3/4/10	Environmental Prgms. Mgr. met with Building Inspectors to provide an in-house training on IND inspection procedures and the upcoming IND Enforcement Response Plan (ERP).	4 out of 5	80%

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Annual Restaurant Inspections Update Meeting	4/16/10	DEH inspection and enforcement procedures regarding facilities with urban runoff violations and review of reporting procedures for informing City staff about violations encountered by DEH staff	1 Env Programs staff & DEH Supervisors	N/A City Staff met with DEH Supervisory staff as needed
IND/Comm AHTG	4/20/10	Discuss and provide feedback on IND inspection and enforcement procedures among co-permittees at Cupertino City Hall.	Env. Programs staff who relays pertinent information to inspectors	N/A
IND/Comm AHTG	5/25/10	Discuss and provide feedback on IND inspection and enforcement procedures among co-permittees.	Env. Programs staff who relays pertinent information to inspectors	N/A
Urban Runoff Training	6/16/10	Biennial DEH Inspector & City IDDE Inspector Training. Reviewed inspection BMPs & categories of violations, Reviewed procedures for follow-through and contacting City to report & track violations. Reviewed new forms designed in FY 09-10 to ensure tracking of all stormwater incidents	Env Programs Mgr, IDDE (Comm. food facility) Inspector and all County DEH Inspectors	100% - All available DEH staff & the only City Inspector that conducts food facility inspections



Appendix 4-1

IND Inspection Business Plan



CITY OF CUPERTINO
Environmental Programs Division

Industrial/Commercial Site Control Program
Business Inspection Plan

June 30, 2010

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 two consecutive inspections are 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 List included in this submittal includes only businesses that will be inspected in FY 10-11. 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. This broad list of potential facilities (as of June 2010) includes ninety (90) IND/Commercial 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. As of June 2010, 260 food facilities in Cupertino are scheduled to be inspected annually. 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 2010 - 2011 (excluding food facilities).
4. C.4.b.iii.(2): List of food facilities scheduled for inspections by the City's IDDE Inspector during fiscal year 2010 -2011. These targeted food facilities will be re-inspected due to a previous violation or other reported concern.

Note: Cupertino's Business Inspection Plan Lists for the years beyond FY10-11 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 Grooming	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 Inc	10550 S De Anza Blvd	Auto Dealer
5	Prestige Auto Broker	10201 Imperial Ave Ste 101	Auto Dealer
6	Goodyear Tire & Rubber Co 8773	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 & Machine	10270 Imperial Ave	Auto Supply And Service
9	Driving Machine, The	10100 Bubb Rd	Auto Supply And Service
10	Tom Brown's House Of Miracles	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 Station	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 Repair	22510 Stevens Creek Blvd	Auto Supply And Service
20	Cupertino Smog Pro & Auto Repair	10625 N De Anza Blvd	Auto Supply And Service
21	Cupertino Service (Performance Unlimited)	10280 Imperial Ave	Auto Supply And Service
22	International Auto Clinic	10221 Imperial Ave	Auto Supply And Service
23	Imperial Automotive Of Cupertino	10261 (10262) Imperial Ave	Auto Supply And Service
24	Vikhar Vallero	1699 S De Anza Blvd	Auto Supply And Service
25	Cupertino Auto Service	11025 N De Anza Blvd	Auto Supply And Service
26	J&H Brother Auto Care Corp (Henry's 76)	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	Auto Supply And Service
29	AAA Auto Repair And Service (Freemans)	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 General Contr.	10281 Imperial Ave	Contractor - General
37	Tersini Construction Inc	21710 Stevens Creek Blvd Ste 200	Contractor - General
38	Welkin International Ind. Inc	19925 Stevens Creek Blvd	Contractor - General
39	Stevens Creek Quarry Inc	12100 Stevens Canyon Rd	Contractor - General
40	Cupertino Glass & Windows	10281 Imperial Ave	Contractor - Glass
41	North Cal Heating And Air	10216 Pasadena Ave	Contractor - Heating & Air
42	Ekim Painting	10200 Imperial Ave	Contractor - Painting
43	Shepherd Services Plumbing &	10121 Imperial Ave Ste D	Contractor - Plumbing
44	De Anza Plumbing	10260 Imperial Ave	Contractor - Plumbing
45	Argonaut Window & Door, Inc	10624 S De Anza Blvd	Contractor - Specialty
46	Cupertino Signal Processing	Po Box 631	Contractor - Specialty
47	Granite Rock Co	1505 S De Anza Blvd	Contractor - Specialty
48	Cupertino Custom Cabinetry	10121 Imperial Ave Ste D	Contractor - Specialty
49	Murray Dental Care	10055 Miller Ave Ste 104	Delivery Service
50	Dryclean-Pro	20379 Stevens Creek Blvd	Dry Cleaners And Laundry
51	Oakmont Cleaners	19948 Homestead Rd	Dry Cleaners And Laundry
52	Scotty's Cleaners	10620 S De Anza Blvd	Dry Cleaners And Laundry
53	Happy Dry Clean Shop	10020 Imperial Ave	Dry Cleaners And Laundry
54	One Hour Cleaners By Lee	10045 E Estates Dr	Dry Cleaners And Laundry
55	Mcclellan Square Cleaners	10477 S De Anza Blvd Ste A	Dry Cleaners And Laundry
56	Oasis Laundry Mat	20676 Homestead Rd	Dry Cleaners And Laundry
57	N & K Cleaners	21749 Stevens Creek Blvd	Dry Cleaners And Laundry
58	Payless Cleaners	19028 Stevens Creek Blvd	Dry Cleaners And Laundry
59	Page Boy Cleaners	10071 S Blaney Ave	Dry Cleaners And Laundry
60	Sierra Cleaners (El Dorado)	10151 S De Anza Blvd	Dry Cleaners And Laundry
61	Holiday Cleaners	19720 Stevens Creek Blvd	Dry Cleaners And Laundry
62	Pab Technology Inc	19925 Stevens Creek Blvd	Electronics & Appliances
63	Wizetek Inc	19770 Stevens Creek Blvd	Electronics & Appliances
64	Mitsumi Electronics	19200 Stevens Creek Blvd	Electronics & Appliances
65	Fleur De Lis	10285 S De Anza Blvd	Florist
66	Family Health Center	10041 S De Anza Blvd	Food And Water Distributor
67	De Anza Pure Water	10467 S De Anza Blvd	Food And Water Distributor
68	SD Home Of Cupertino	19900 Stevens Creek Blvd	Furniture

	Business Name	Business Address	Business Type
69	Murasaki Home Furnishings, Inc.	10525 S De Anza Blvd Ste 145	Furniture
70	Yamagami's Nursery	1361 S De Anza Blvd	Garden Supply & Equipment
71	Nochebuena's Landscape & Design	813 Miller Ave	Gardening Service
72	Senne Company	19925 Stevens Creek Blvd Ste 114	Manufacturer
73	Aeroflex High Speed Test Solutions,	10411 Bubb Rd	Manufacturer
74	Solargen Energy, Inc.	20400 Stevens Creek Blvd Ste 700	Manufacturer
75	AE Biofuels, Inc.	20400 Stevens Creek Blvd Ste 700	Manufacturer
76	Apple Computer Inc (E-Waste Facility)	10300 Bubb Rd	Marketing
77	Comcast Of California Ii LLC	10040 Imperial Ave	Miscellaneous
78	Petsmart Inc	20558 Stevens Creek Blvd	Pet Shop & Supplies
79	Jet Photo Lab	10525 S De Anza Blvd Ste 205	Photography Supplies
80	Dayton Printing	10675 S De Anza Blvd Ste 1	Printing Service & Supplies
81	Advantage Grafix	10161 S De Anza Blvd	Printing Service & Supplies
82	Summer Winds Garden Centers	1491 S De Anza Blvd	Retail Sales
83	S & G Carpet Discount Outlet	19625 Stevens Creek Blvd	Retail Sales
84	Hitachi Chemical Co America Ltd	10080 N Wolfe Rd Ste Sw3200	Sales
85	Faith Cosmetics International, LLC	20380 Town Center Ln Ste 172	Sales
86	Ricoh Americas Corporation	10460 Bubb Rd	Sales
87	Minerva Surgical Inc	20195 Stevens Creek Blvd Ste 120	Sales
88	ABC Tree Farms, LLC	Stevens Creek & Nw Corner Finch	Seasonal Lot Sales
89	Ice Center Enterprises , LLC	10123 N Wolfe Rd Ste 30	Skating Rink
90	A Perfect Tan	19949 Stevens Creek Blvd	Tanning Salon

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

	Restaurant/Food Facility Name	Business Address
1	7-Eleven	21490 McClellan Rd
2	7-Eleven Food Store 2234-14320e	21220 Homestead Rd
3	7-Eleven Store 2367-157766d	90 Stern Av
4	99 Ranch Market	10983 N Wolfe Rd
5	A & J Restaurant	10893 N Wolfe Rd #C160
6	Aji Ichiban	10123 N Wolfe Rd Fc-K1
7	Alexander's Steakhouse	10330 N Wolfe Rd
8	AMC Cupertino 16 Theatres	10123 N Wolfe Rd
9	Amici's East Coast Pizzeria	10310 S De Anza Bl
10	Apple-Vp2	19333 Vallco Pkwy
11	Aqui Cal Mex	10630 S De Anza Bl
12	Aramark @ Symantec	10200 S De Anza Bl
13	Armadillo Willy's	10100 S De Anza Blvd
14	Arya Global Cuisine	19930 Stevens Creek Blvd
15	Azuma	19645 Stevens Creek Bl
16	Bagel Street Cafe - Cupertino	10591 N De Anza Bl
17	Baja Fresh	20735 Stevens Creek Bl
18	Baskin Robbins Ice Cream	20916 Homestead Rd #F
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 2074

	Restaurant/Food Facility Name	Business Address
22	Bethel Lutheran Church/School	10181 Finch Av
23	BJ's Restaurant	10690 N De Anza Blvd
24	Blackberry Farm	21979 San Fernando Av
25	Blue Pheasant Restaurant	22100 Stevens Creek Bl
26	Bluelight Cinemas	21275 Stevens Creek Bl Ste 500
27	Bobbi's Coffee Shop	1361 S De Anza Bl
28	Bombay Oven	20803 Stevens Creek Blvd
29	Bonjour Crepe Company	19929 Stevens Creek Bl #8
30	Burger King	10123 N Wolfe Rd Fc5
31	C & C Breeze Cafe	21670 Stevens Creek Bl
32	Cafe Gratitude @ Whole Foods Market	20955 Stevens Creek Bl
33	Cafe Rococo @ Campus Center	21250 Stevens Creek Bl
34	Café Torre	20343 Stevens Creek Blvd
35	Caffe Macs	1 Infinite Lp, Ms47-Ehs
36	Canela Espresso & Pastries	10631 S Foothill Bl
37	Carl's Jr #7024	20680 Homestead Rd
38	Cfarm Mkt-Cs/Vlc-Sant Cruz Pasa Fac	Wolfe Rd
39	Cfarm Mkt-Cs-Bay Bread	Wolfe Road
40	Cfarm Mkt-Cs-Beckmann's Bakery	104 Bronson St #6
41	Cfarm Mkt-Cs-Cupertino Square	Wolfe Rd
42	Cfarm Mkt-Cs-Four Season Rolls	Wolfe Rd
43	Cfarm Mkt-Cs-From The Sea T You	Wolfe Road
44	Cfarm Mkt-Cs-Gold Rush Kett Kor	4690 E 2nd St Ste 9
45	Cfarm Mkt-Cs-Marjolaine French Pas	10123 Wolfe Rd
46	Cfarm Mkt-Cs-Ruby's Tamales	Wolfe Rd
47	Cfarm Mkt-Cs-Toofu	Wolfe Rd
48	Chateau Cupertino	10150 Torre Av
49	Chiaromonte's Sausage & Deli	10123 N Wolfe Rd Fc-9 & Fc-10
50	Chili's	20060 Stevens Creek Blvd
51	Chili's Grill & Bar #8	20060 Stevens Creek Bl
52	Chipotle Mexican Grill	10385 S De Anza Blvd
53	Chuck E. Cheese	19805 Stevens Creek Blvd
54	Chung Chou City	10959 N Wolfe Rd
55	Chung Hsin Herbs	10925 N Wolfe Rd
56	Cinnabon Cupertino Square	10123 N Wolfe Rd
57	Coach House Wine & Liquors	1655 S De Anza Bl
58	Coffee Society	21265 Stevens Creek Bl 202
59	Coffee Society	10800 Torre Av #100
60	Cold Stone Creamery	10123 N Wolfe Rd 2020
61	Courtyard By Marriott	10605 N Wolfe Rd
62	Cupertino Bakery	10251 S De Anza Blvd
63	Cupertino High School	10100 Finch Av
64	Cupertino Inn	10889 N De Anza Bl
65	Cupertino Senior Center	21251 Stevens Creek Bl

	Restaurant/Food Facility Name	Business Address
66	Curry House	10350 S De Anza Bl
67	Daiso Japan Cupertino Store	19750 Stevens Creek Bl
68	De Anza College	21250 Stevens Creek Bl
69	De Anza College-Le Cafe	21250 Stevens Creek Bl
70	De Anza Fmkt-Da Kine Drinks	21250 Stevens Creek Bl
71	De Anza Fmkt-Main St Fd Concession	21250 Stevens Creek Bl
72	De Anza Fmkt-Tante's	21250 Stevens Creek Bl
73	De Anza Fmkt-Tony's Kettle Korn	21250 Stevens Creek Bl
74	Deep Cliff Golf Course	10700 Clubhouse Ln
75	Diy Yogurt	20956 W Homestead Rd #D
76	Donut Wheel	10250 N De Anza Blvd
77	Dynasty Seafood Restaurant	10123 N Wolfe Rd #1688
78	Eaton School-Cafeteria	20220 Suisun Drive
79	Elephant Bar	19780 Stevens Creek Bl
80	Erik's Deli Cafe	19652 Stevens Creek Bl
81	Fantasia Coffee & Tea	10933 N Wolfe Rd
82	Faria Elementary School	10155 Barbara Lane
83	Farm Fresh Produce	10021 S Blaney Av
84	Fatima Restaurant	10125 Bandlely Dr
85	Flint Center	21250 Stevens Creek Bl
86	Florentine Restaurant & Pasta	10275 S De Anza Bl
87	Fontana's Italian Restaurant	20840 Stevens Creek Blvd
88	Forum Retirement Community	23500 Cristo Rey Dr
89	Fresh Choice	10123 N Wolfe Rd 2104
90	Froyo Q	10123 N Wolfe Rd 2119
91	Fusion After School @ Good Shepherd	940 S Stelling Rd
92	Fusion Korea	20956 Homestead Rd
93	Gamba Karaoke	19990 Homestead Rd
94	Garden Gate School	10500 Ann Arbor Avenue
95	Gochi Japanese Fusion Tapas	19980 Homestead Rd
96	Gokaku Restaurant	10789 S Blaney Ave
97	Good Shepherd Christian Church	940 S Stelling
98	Grain D'or	10123 N Wolfe Rd 2011
99	Guan Dong House	10851 N Wolfe Rd
100	Gumba's Pizza & Pasta	21678 Stevens Creek Bl
101	Harumi Sushi	19754 Stevens Creek Bl
102	Hilton Garden Inn-Cupertino	10741 N Wolfe Rd
103	Ho Ho Chinese Restaurant	10895 S Blaney Av
104	Hobee's De Anza	21267 Stevens Creek Bl 310
105	Homestead Cafe - Hs1	18880 Homestead Rd
106	Homestead Family Fun Center	20990 Homestead Rd
107	Homestead High School	21370 Homestead Rd
108	Hong Fu	20588 Stevens Creek Blvd

	Restaurant/Food Facility Name	Business Address
109	Hong Fu @ De Anza College	21250 Stevens Creek Bl
110	House Of Falafel	19590 Stevens Creek Bl
111	Hu-Chiang Dumpling House	10877 N Wolfe Rd
112	Hyde Junior High School	19335 Bollinger Road
113	I Love Yogurt	10129 S De Anza Bl
114	I Restaurant	20007 Stevens Creek Blvd
115	I S Stew House	10271 Torre Av
116	Imahara's Produce	19725 Stevens Creek Bl
117	It's A Grind Coffee House	19622 Stevens Creek Bl
118	J & J Hawaiian Barbeque	20950 Stevens Creek Blvd
119	Jack In The Box #490	1451 S De Anza Bl
120	Jamba Juice	21265 Stevens Creek Blvd
121	Joy Luck Place	10911 N Wolfe Rd
122	Judy's Kitchen	10635 S Foothill Bl
123	JW Catering	20450 Stevens Creek Bl Ste 140
124	Kennedy Cafeteria	821 Bubb Rd
125	KFC	10520 S De Anza Blvd
126	Kikka - Stevens Creek	20955 Stevens Creek Bl
127	Kikusushi Japanese Restaurant	1655 S De Anza Bl
128	King Salad/J&J Hawaiian Barbeque	10745 S De Anza Bl D
129	Kitsho Sushi	19541 Richwood Dr
130	Kokila's Kitchen	20956 Homestead Rd
131	Korea Tofu House	10885 N Wolfe Rd
132	Kumud Grocery	10255 S De Anza Blvd
133	L.P. Collins Elementary School	10300 N Blaney Av
134	La Patisserie	19758 Stevens Creek Bl
135	Lawson Middle School	10401 Vista Drive
136	Le Boulanger	20488 Stevens Creek Bl
137	Lee's Sandwiches	20363 Stevens Creek Bl
138	L'epi D'or Bakery	19675 Stevens Creek Bl
139	Liang's Kitchen Cuisine	19772 Stevens Creek Bl
140	Lincoln Elementary School	21710 Mc Clellan Road
141	Little Caffe Mac	1 Infinite Lp
142	Live Oak Adult Day Services	20920 Mc Clellan Rd
143	Lucky	10425 S De Anza Blvd
144	M & M Food Market	10021 Blaney Avenue
145	Mandarin Gourmet	10145 N De Anza Blvd
146	Manley's Donut Shop	10991 N De Anza Bl #B
147	Marianist Center	22622 Marianist Wy
148	Marie Callender's	20750 Stevens Creek Blvd
149	Marina Food	10122 Bandlely Drive
150	Marukai Market	19750 Stevens Creek Bl

	Restaurant/Food Facility Name	Business Address
151	McDonald's	10990 N Stelling Rd
152	McHart's Pizza & Grill	19732 Stevens Creek Bl
153	Merlion Market Place	19628 Stevens Creek Bl
154	Miyake Sushi	10700 S De Anza Blvd
155	Monta Vista High School	21840 Mc Clellan Rd
156	Moshi Moshi Japanese Restaurant	10831 N Wolfe Rd
157	Mrs. Fields Cookies	10123 N Wolfe Rd
158	My Mom's Sandwiches	10080 N Wolfe Rd, Sw3, #158
159	Noah's New York Bagels #2146	20520 Stevens Creek Boulevard
160	Oakmont Produce Market	19944 Homestead Rd
161	Olarn Thai Cuisine	19672 Stevens Creek Bl
162	Orange Tree Frozen Yogurt	21267 Stevens Creek Bl #313
163	Outback Steakhouse	20630 Valley Green Dr
164	Panda Express	21000 Stevens Creek Blvd
165	Panera Bread	20807 Stevens Creek Bl
166	Park Place Restaurant	10030 S De Anza Bl
167	Pasha's Market	19082 Stevens Creek Bl
168	Paul & Eddies Monta Vista Inn	21619 Stevens Creek Bl
169	Pebbles Deli Café	10235 S De Anza Blvd
170	Peet's Coffee & Tea	20807 Stevens Creek Bl
171	Peet's Coffee & Tea	22350 Homestead Rd
172	Pho Linh	21271 Stevens Creek Bl
173	Pho Minh	10118 Bandlely Dr
174	Pizza Bay Area	19998 E Homestead Rd
175	Pizza Hut	20770 Stevens Creek Blvd
176	Pizza My Heart	20530 Stevens Creek Bl
177	Porridge Palace	10869 N Wolfe Rd
178	Potsticker King	19634 Stevens Creek Bl
179	Pretzel Time	10123 N Wolfe Rd 2056
180	PW Market	20620 Homestead Rd
181	Q Mart	10041 N Blaney Ave
182	Q-Cup	10963 N Wolfe Rd
183	Quickly	21265 Stevens Creek Bl
184	Quickly	10887 N Wolfe Rd
185	Quizno's	20672 Homestead Rd
186	Quizno's Sub	19959 Stevens Creek Bl
187	Rancho Rinconada Club House	18000 Chelmsford Dr
188	Rc 01 Cafe	10435 N Tantau Av
189	Red Mango	20560 Town Center Ln
190	Regnart Elementary School	1170 Yorkshire Drive
191	Rice Cafe	10074 E Estates Dr
192	Rio Adobe	10525 S De Anza Bl

	Restaurant/Food Facility Name	Business Address
193	Roasted Coffee Bean	19110 Stevens Creek Bl
194	S & S Liquors	7335 Bollinger Rd F
195	Sabatini Oaks Event Center	21275 Stevens Creek Bl Ste 510
196	Sedgwick School	19200 Phil Lane
197	Shan Restaurant	20030 Stevens Creek Blvd
198	Shang Hai Dim Sum	19066 Stevens Creek Bl
199	Sheng Kee Bakery	10122 Bandlely Drive
200	Sheng Kee Bakery	10961 N Wolfe Rd
201	Shinbala Café	20956 Homestead Rd Ste A
202	Shun Tian Herbs	10787 S Blaney Ave
203	Simply Thai	21267 Stevens Creek Bl 340
204	Sitar Express Indian Cuisine	21267 Stevens Creek Bl
205	Sodexo @ HP Coffee	19091 Pruneridge Av
206	Sodexo America, LLC @ HP	19091 Pruneridge Av
207	Sodexo America, LLC @ HP Peppertree	19447 Pruneridge Av
208	Sogo Bakery	10889 S Blaney Av
209	Southland Flavor Cafe	10825 N Wolfe Rd
210	St Andrew Armenian Church	11370 S Stelling Road
211	St Joseph Cupertino Church	10110 N De Anza Bl
212	Starbucks Coffee #10885	22390 Homestead Road
213	Starbucks Coffee #5217	20520 Stevens Creek Bl #A
214	Starbucks Coffee #5662	11111 N Wolfe Rd #C
215	Stevens Creek Elementary School	10301 Vista Drive
216	Stevens Creek Market & Liquor	10629 S Foothill Bl
217	Strike Cupertino	10123 N Wolfe Rd
218	Subway #17377	19110 Stevens Creek Bl
219	Subway #35532	10123 N Wolfe Rd Fc-1
220	Subway Sandwich #41149	21682 Stevens Creek Bl
221	Subway Sandwiches #42133	19998 Homestead Rd #C
222	Subway Sandwiches & Salad	20916 Homestead Rd E
223	Subway Sandwiches & Salads	495 Tarter Ct
224	Sunny View Retirement Community	22445 Cupertino Rd
225	Surf City Squeeze	10123 N Wolfe Rd K-7
226	Sushi House	19068 Stevens Creek Bl
227	Sushi Kuni	10211 S De Anza Bl
228	Sushi Ya Restaurant	21265 Stevens Creek Bl #205
229	Sweet Passions Bakery	20700 Stevens Creek Blvd
230	Szechuan Era	10971 N Wolfe Road
231	T G I Fridays	10343 N Wolfe Rd
232	T K Noodle #6	20735 Stevens Creek Bl A
233	Taco Bell	10710 De Anza Blvd
234	Tapioca Express	10118 Bandlely Dr #G

	Restaurant/Food Facility Name	Business Address
235	Target Store #323	20745 Stevens Creek Bl
236	Tartini Frozen Yogurt Bar	20488 Stevens Creek Bl # 2040
237	Tatami Sushi & Seafood Buffet	10123 N Wolfe Rd #2001
238	Ten Ren Tea	10881 N Wolfe Rd
239	Teriyaki Experience	10123 N Wolfe Rd
240	Thai Delight	20916 Homestead Rd A
241	The Duke Of Edinburgh	10801 N Wolfe Rd
242	The Red Crane	7335 Bollinger Rd C
243	Tin Tin Oriental Market #1	10881 S Blaney Av
244	Togo's Cupertino	21267 Stevens Creek Bl Ste #314
245	Tomokazu Restaurant	20625 Alves Dr
246	Tutti Frutti Frozen Yogurt	10123 N Wolfe Rd #16
247	Tuttimelon	10919 N Wolfe Rd
248	Una Mas Mexican Grill @ DeAnza College	21250 Stevens Creek Bl
249	Verde Tea Cafe	19620 Stevens Creek Bl
250	Village Caterers At Verigy	10101 N Tantau Av
251	Vivi's	21731 Stevens Creek Boulevard
252	Wahoo's Fish Taco	19626 Stevens Creek Bl
253	Walgreens #4416	1905 Aston Ave
254	Whole Foods Market	20955 Stevens Creek Bl
255	Wingstop	19620 Stevens Creek Bl 190
256	Yiassoo #2	10660 S De Anza Bl
257	Yogi House	19740 Stevens Creek Bl
258	Yoshida	10700 S De Anza Bl
259	Yoshinoya Restaurant #2125	19825 Stevens Creek Bl
260	Zazang Restaurant	20010 Stevens Creek Bl

3. C.4.b.iii.(2): Industrial/Commercial Facilities Scheduled for Inspection in FY 10-11 (excluding food facilities)

	Business Name	Business Address	Business Type
1	Acadia Veterinary Clinic	10012 N Foothill Blvd	Animal Care
2	Prestige Auto Broker	10201 Imperial Ave Ste 101	Auto Dealer
3	Driving Machine, The	10100 Bubba Rd	Auto Supply and Service
4	Tom Brown's House Of Miracles	21680 Lomita Ave	Auto Supply and Service
5	Chevron Usa Inc 95700	11010 N De Anza Blvd Ste 5700	Auto Supply and Service
6	Cupertino Beacon Service Ctr.	22510 Stevens Creek Blvd	Auto Supply and Service
7	De Anza Shell Service Station	20999 Stevens Creek Blvd	Auto Supply and Service
8	Homestead 76	21855 Homestead Rd	Auto Supply and Service
9	Rotten Robbie 25	19030 Stevens Creek Blvd	Auto Supply and Service
10	Cupertino Smog Pro & Auto Repair	10625 N De Anza Blvd	Auto Supply and Service
11	Imperial Automotive Of Cupertino	10261 (10262) Imperial Ave	Auto Supply and Service
12	Vikhar Vallero	1699 S De Anza Blvd	Auto Supply and Service

	Business Name	Business Address	Business Type
13	Cupertino Auto Service	11025 N De Anza Blvd	Auto Supply and Service
14	J&H Brother Auto Care Corp (Henry's 76)	10490 S De Anza Blvd	Auto Supply and Service
15	De Anza Car Wash Inc	10165 N De Anza Blvd	Auto Supply and Service
16	Jiffy Lube #2355	19480 Stevens Creek Blvd	Auto Supply and Service
17	Cupertino Supply Inc	10230 Imperial Ave	Building Supplies
18	Keiser, Ross General Contr.	10281 Imperial Ave	Contractor - General
19	Tersini Construction, Inc.	21710 Stevens Creek Blvd Ste 200	Contractor - General
20	Welkin International Ind, Inc.	19925 Stevens Creek Blvd	Contractor - General
21	Stevens Creek Quarry Inc.	12100 Stevens Canyon Rd	Contractor - General
22	Cupertino Glass & Windows	10281 Imperial Ave	Contractor - Glass
23	North Cal Heating And Air	10216 Pasadena Ave	Contractor - Heating & Air
24	Ekim Painting	10200 Imperial Ave	Contractor - Painting
25	Shepherd Services Plumbing &	10121 Imperial Ave Ste D	Contractor - Plumbing

**4. C.4.b.iii.(2): Food Facilities Scheduled for Targeted Inspection in FY 10-11
(Listed as high priority inspections due to previous violations)**

	Restaurant/Food Facility Name	Business Address
1	99 Ranch Market	10983 N Wolfe Rd
2	Alexander's Steakhouse	10330 N Wolfe Rd
3	Armadillo Willy's	10100 S De Anza Blvd
4	Arya Global Cuisine	19930 Stevens Creek Blvd
5	Café Torre	20343 Stevens Creek Blvd
6	Chipotle Mexican Grill	10385 S De Anza Blvd
7	Chuck E. Cheese	19805 Stevens Creek Blvd
8	Coach House Wine & Liquors	1655 S De Anza Bl
9	Cupertino Bakery	10251 S De Anza Blvd
10	Fresh Choice	10123 N Wolfe Rd 2104
11	Fusion Korea	20956 Homestead Rd
12	Gamba Karaoke	19990 Homestead Rd
13	Gochi Japanese Fusion Tapas	19980 Homestead Rd
14	Harumi Sushi	19754 Stevens Creek Bl
15	Hong Fu	20588 Stevens Creek Blvd
16	I Restaurant	20007 Stevens Creek Blvd
17	KFC	10520 S De Anza Blvd
18	Kitsho Sushi	19541 Richwood Dr
19	Kokila's Kitchen	20956 Homestead Rd
20	Kumud Grocery	10255 S De Anza Blvd
21	Marie Callender's	20750 Stevens Creek Blvd
22	Oakmont Produce Market	19944 Homestead Rd
23	Panera Bread	20807 Stevens Creek Bl
24	Pebbles Deli Café	10235 S De Anza Blvd
25	Pho Minh	10118 Bandlely Dr

	Restaurant/Food Facility Name	Business Address
26	PW Market	20620 Homestead Rd
27	Shinbala Café	20956 Homestead Rd Ste A
28	Starbucks Coffee #5662	11111 N Wolfe Rd #C
29	Sunny View Retirement Community	22445 Cupertino Rd
30	Thai Delight	20916 Homestead Rd A
31	Tin Tin Oriental Market #1	10881 S Blaney Av
32	Tomokazu Restaurant	20625 Alves Dr
33	Verde Tea Cafe	19620 Stevens Creek B1
34	Yoshinoya Restaurant #2125	19825 Stevens Creek B1



Appendix 4-2

IND Inspection Reporting Table

CUPERTINO
C.4.c.iii.(1)-Facility Inspections: Summary of IND Inspections
7/1/09-6/30/10

	Date	Resolved	Facility Name	Address	Inspector Notes	Violation Observed	Enforcement Action	Facility Type
1	7/22/09	Yes	Pier 1	20610 Stevens Creek Blvd	Contacted the store manager, Nick Peri, about the issue. Advised him to clean up all the trash and plastic bags on the ground and by the back of the dumpster and put them in the dumpster. Provided public education. Revisited and resolved same day 7/22/09.	Yes	Verbal Notice	Commercial
2	7/22/09	Yes	Aaron Brothers Art and Framing	20600 Stevens Creek Blvd	Spoke with Assistant Manager, Erick, and advised him that all trash, plastic bags, broken glass, and pallets needed to be cleaned up and remain clean all the time. Provided public education. Revisited and resolved next day 7/23/09.	Yes	Verbal Notice	Commercial
3	7/22/09	Yes	Hong Fu	20588 Stevens Creek Blvd	Spoke with restaurant manager about the issue and advised him it needed to be cleaned up and to put the cardboard and trash in the right dumpsters. Provided public education. Revisited and resolved same day 7/22/09.	Yes	Verbal Notice	Food Facilities
4	7/23/09	Yes	Arya Global Cuisine	19930 Stevens Creek Blvd	Contacted Fera Hashemi, one of the owners, about the issue and advised him it needed to be cleaned up and the cardboard needed to go in the dumpster. Provided public education. Revisited and resolved same day 7/23/09.	Yes	Verbal Notice	Food Facilities
5	7/24/09	Yes	Armadillo Willy's	10100 S. DeAnza Blvd.	Contacted General Manager, Anthony Phillips, and advised him about the issue and that it needed to be cleaned up. Provided public education and stormwater pollution prevention and watershed protection information. Revisited and resolved same day 7/24/09.	Yes	Verbal Notice	Food Facilities
6	8/20/09	Yes	Curves	10457 South De Anza Blvd	Contacted the owner and advised that all the trash bags needed to go in the dumpster and to keep the area clean. Provided public education. Revisited and resolved next day 8/21/09.	Yes	Verbal Notice	Commercial
7	8/24/09	Yes	Panera Bread	20807 Stevens Creek	Contacted General Manger, John Puccinelli, and advised him that everything needed to be cleaned up and put in the dumpster and to keep it clean. Provided public education. Revisited and resolved next day 8/25/09.	Yes	Verbal Notice	Food Facilities

CUPERTINO
C.4.c.iii.(1)-Facility Inspections: Summary of IND Inspections
7/1/09-6/30/10

	Date	Resolved	Facility Name	Address	Inspector Notes	Violation Observed	Enforcement Action	Facility Type
8	8/24/09	Yes	The Oaks	21269 Stevens Creek Blvd	Contacted the owner about the issue and advised him that all the cardboard and the garabage bag needed to be cleaned up and kept clean. Provided public education. Revisited and resolved same day 8/24/09.	Yes	Verbal Notice	Commercial
9	8/25/09	Yes	Pier 1	20610 Stevens Creek	Contacted store manager about the issue and asked her to get someone to cleanup all the trash and cardboard and put it in the dumpsters. Provided public education. Revisited and resolved next day 8/26/09.	Yes	Verbal Notice	Commercial
10	8/25/09	Yes	Thai Delight	20916 Homestead Rd	Contacted the manager and advised her all the oil needed to be cleaned up and the cardboard, paper, and box of beer bottles needed to be place in respective dumpsters/toters. Provided public education. Revisited and resolved next day 8/26/09.	Yes	Verbal Notice	Food Facilities
11	8/25/09	Yes	Kokila's Kitchen	20956-H Homestead Rd	Contacted the owner and advised him to clean up all the trash bags, cardboard, and oil containers and to put them in the dumpsters. Provided public education. Revisited and resolved same day 8/25/09.	Yes	Verbal Notice	Food Facilities
12	8/25/09	Yes	Shinbala Café	20956 A W. Homestead Rd	Contacted the owner and advised him to clean up all the oil containers and put them in the dumpster. Provided public education. Revisited and resolved same day 8/25/09.	Yes	Verbal Notice	Food Facilities
13	8/25/09	Yes	Fusion Korea	20956 Homestead Rd #A-1	Contacted the owner and advised him he needed to clean up all the oil and grease on the gound and keep it clean. Provided public education. Revisited and resolved same day 8/25/09.	Yes	Verbal Notice	Food Facilities
14	8/31/09	Yes	Kitsho Sushi	19541 Richwood Drive,	Contacted the owner and advised him that all of the oil containers and buckets needed to be cleaned up and to get more toters, if needed. Provided public education. Revisited and resolved same day 8/31/09.	Yes	Verbal Notice	Food Facilities
15	9/11/09	Yes	Marie Callenders	20750 Stevens Creek Blvd	Contacted the general manager and advised him to cleanup the oil and grease from the tallow on the ground. Provided public education.	Yes	Verbal Notice	Food Facilities
16	9/11/09	Yes	P.W. Market	20620 Homestead Rd	Contacted Bob Van Den Beoek, store manager, and advised him to put absorbent down and clean everything up and he did. Provided public education. Revisited and resolved same day 9/16/09.	Yes	Verbal Notice	Food Facilities

CUPERTINO
C.4.c.iii.(1)-Facility Inspections: Summary of IND Inspections
7/1/09-6/30/10

	Date	Resolved	Facility Name	Address	Inspector Notes	Violation Observed	Enforcement Action	Facility Type
17	9/21/09	Yes	99 Ranch Market	10983 N. Wolfe Rd	Contacted Jonny Tsang, store manager, about the issue and told him to put absorbent on the oil and grease and clean it up, and keep it clean at all times. Provided public education. Revisited and resolved next day 9/22/09.	Yes	Verbal Notice	Food Facilities
18	9/21/09	Yes	Alexander's Steak House	10330 N. Wolfe Rd	Contacted Cynthia Stachnke, office assistant, about the issue and advised her the oil and grease needed to be cleaned up and the cardboard placed in the dumpster. Provided public education. Revisited and resolved same day 9/21/09.	Yes	Verbal Notice	Food Facilities
19	9/22/09	Yes	Aaron Brothers	20600 Stevens Creek Blvd	Contacted store manager and advised him about the issue and told him the cardboard, broken pallet, and trash needed to be cleaned up and put in their correct dumpsters. Provided public education. Revisited and resolved same day 9/23/09.	Yes	Verbal Notice	Commercial
20	9/23/09	Yes	Cupertino Square	10123 N. Wolfe Rd, Suite 2030	Contacted Michael Gonzales, Asst. Director, advised him that all of the oil and grease needed to be cleaned up and the plastic bags of trash needed to be put in dumpster and to keep the area clean. Provided public education. Resolved same day 9/23/09.	Yes	Verbal Notice	Food Facilities
21	9/23/09	Yes	Pier 1	20610 Stevens Creek Blvd	Contacted store manager, Nick Peri and advised him about the issue and to cleanup all the cardboard and trash and put them in the correct dumpsters and to keep the area clean at all times. Provided public education. Revisited and resolved same day 9/23/09	Yes	Verbal Notice	Commercial
22	9/24/09	Yes	Pebble's Deli Café	10235 S. De Anza Blvd	Contacted the owner and advised him about the issue and told him that the cardboard needed to go in the cardboard dumpster and the grease needed to go in the 55 gallon tallow drums. Provided public education. Revisited and resolved same day 9/24/09.	Yes	Verbal Notice	Food Facilities
23	9/29/09	Yes	Cupertino Square	10123 N. Wolfe Rd, Suite 2030	Contacted Michael Gonzales, Asst. Director about the issue and advised him that the oil and grease needed to be cleaned up, the cardboard put in the cardboard dumpster, the pallet put away, and the 5 gal can put in the correct dumpster. Resolved 9/29/09	Yes	Verbal Notice	Food Facilities

CUPERTINO
C.4.c.iii.(1)-Facility Inspections: Summary of IND Inspections
7/1/09-6/30/10

	Date	Resolved	Facility Name	Address	Inspector Notes	Violation Observed	Enforcement Action	Facility Type
24	10/19/09	Yes	The Oaks	21269 Stevens Creek Blvd	Contacted Property Manager, Henry Lai, and advised him to clean up all the oil and grease by the dumpster and gutter going to the storm drain. Provided public education. Revisited and resolved same day 10-19-09.	Yes	Verbal Notice	Food Facilities
25	10/19/09	Yes	Pier 1	20610 Stevens Creek Blvd	Contacted the store manager and advised her to clean up all the cardboard and put it in the cardboard dumpster and to put the trash in the dumpster and keep it clean. Provided public education. Revisited and resolved same day 10-19-09.	Yes	Verbal Notice	Commercial
26	10/19/09	Yes	Cupertino Bakery	10251 S. De Anza Blvd	Contacted store manager. Advised him to clean up all the discharged oil and grease on the ground, to put absorbent rice on the ground and around the tallow 55 gal drum and to put top on the drum. Provided public education. Revisited and resolved 10-19-09	Yes	Verbal Notice	Food Facilities
27	10/27/09	Yes	Alexander's Steak House	10330 Wolfe Rd	Contacted Cynthia Staehnke, office assistant, and advised her that they needed to put the top on the drum immediately because it was going to rain and the the top needed to be on at all times. Provided public education. Revisited and resolved 10/27/09	Yes	Verbal Notice	Food Facilities
28	10/29/09	Yes	Kumud Groceries	10255 S. De Anza Blvd	Contacted store manager and advised him to cleanup all lettuce and cardboard and put them in correct dumpsters and keep area clean. Provided public education. Revisited and resolved 10/29/09.	Yes	Verbal Notice	Food Facilities
29	10/29/09	Yes	Cupertino Bakery	10251 S. De Anza Blvd	Contacted store manager, advised him to cleanup all discharges of oil and grease. Told him he cannot wash oil and grease from 55 gal dum, he needed to put down absorbent. Provided public education. Revisited and resolved 10/29/09.	Yes	Verbal Notice	Food Facilities
30	11/3/09	Yes	Pho Minh Restaurant	10118 Bandy Dr	Contacted owner and advised her about the issue and that cardboard and 5 gal oil containers needed to be cleaned up and put in correct dumpsters/toters and that site needed to remain clean. Revisited and resolved same day 11/3/09.	Yes	Verbal Notice	Food Facilities

CUPERTINO
C.4.c.iii.(1)-Facility Inspections: Summary of IND Inspections
7/1/09-6/30/10

	Date	Resolved	Facility Name	Address	Inspector Notes	Violation Observed	Enforcement Action	Facility Type
31	11/20/09	Yes	Hong Fu	20588 Stevens Creek Blvd.	Contacted owner, advised to keep the cardboard in cardboard dumpster and bottles to be placed in the bottles & cans recycling toter. Provided Public Ed & Stormwater Pollution & Watershed Prevention outreach. Revisited & resolved.	Yes	Verbal Notice	Food Facilities
32	11/30/09	Yes	Pier 1 Imports	20610 Stevens Creek Blvd.	Inspector contacted the news Store Manager, Jenny Lefebvfe about the trash, and advised that the cardboard s hould be placed in the cardboard dumpster. Also informed that the back area of the store be kept clean. Provided Public Education information.	Yes	Verbal Notice	Commercial
33	11/30/09	Yes	Hong Fu	20588 Stevens Creek Blvd.	Inspector contacted the owner about the oil and grease discharging out of the tallow containers, and to place the cardboard into the cardboard dumpster.. Provided public education information. Revised the dnext day on 12/1/09. Issue was resolved.	Yes	Verbal Notice	Food Facilities
34	11/30/09	Yes	P.W. Market	20620 Homestead Road	Contacted the new Store Manager about the trash in asked that it be cleaned up. Informed to place cardboard in cardboard dumpster. Provide Public Education outreach info. Revised the next day on 12/1/09. Issue was resolved.	Yes	Verbal Notice	Commercial
35	12/1/09	Yes	Ranch 99	10983 North Wolfe Road	Contact Store Manager, Johnny Tsang and advised to clean up the oil and grease by steam cleaning the ground and wall. Provided Public Outreach Education. Revised the site later in the day on 12/1/09. Issue was resolved.	Yes	Verbal Notice	Food Facilities
36	12/7/09	Yes	United Furniture Club	10075 East Estates Drive	Contacted Store Manager trash in and around the trash enclosure and ground. Advised to clean up the trash and place in the appropriate dumpsters, and to keep the area clean at all times. Provided Public Education and Outreach material. Resolved.	Yes	Verbal Notice	Commercial
37	12/30/09	Yes	Hong Fu	20588 Stevens Creek Blvd.	Inspector contacted the owner and advised to clean up the bottles and place them in the recycling toter, and place the cardboard in the cardboard dumpster. Provided Public Education and Outreach material. Revisited and resolved same day 12/20/09.	Yes	Verbal Notice	Food Facilities

CUPERTINO
C.4.c.iii.(1)-Facility Inspections: Summary of IND Inspections
7/1/09-6/30/10

	Date	Resolved	Facility Name	Address	Inspector Notes	Violation Observed	Enforcement Action	Facility Type
38	1/5/10	Yes	Pier Imports Store # 374	20610 Stevens Creek Blvd.	Contact Store Manager and informed him of the trash and cardboard not being placed in the dumpster and should be cleaned up. Provided Public Outreach Education information. Revisited site same day for resolution.	Yes	Verbal Notice	Commercial
39	1/5/10	Yes	Aaron Brothers Store # 16	20600 Stevens Creek Blvd.	Contacted Store Manager and advised to clean up broken glass, trash and cardboard and place them all in the proper containers. Provided Public Education. Revisited site the next day 1/6/10 for resolution.	Yes	Verbal Notice	Commercial
40	1/6/10	Yes	Cupertino Bakery	10251 S. De Anza Blvd.	Contacted the Store Manager and advised to clean up the discharge of oil and grease by using absorbent. Also asked to put a secondary containment for the grease and tallow container. Provided Public Education material. Revisited site the same day 1/6/10	Yes	Verbal Notice	Food Facilities
41	1/6/10	Yes	Kumud Grocery	10255 De Anza Blvd	Contacted store manager and advised to clean up all the vegetables, lettuce, and cardboard and put them in the correct dumpsters. Provided public education. Revisited and resolved next day 1/7/10.	Yes	Verbal Notice	Food Facilities
42	1/11/10	Yes	Cupertino Square	10123 N Wolfe Rd, Suite 2030	Contacted Dana Yo, property manager, advised her all cardboard and oil containers needed to go in correct dumpsters. Provided public education. Resolved 1/11/10. Potential ongoing problem-Watch Cupertino Square (Popeye's, Benihana, Alexander's, Burg King)	Yes	Verbal Notice	Food Facilities
43	1/12/10	Yes	KFC	10520 South De Anza Blvd	Contacted the manager/co-owner, Genalyn Onia, about the issue and advised her all cardboard and trash bags needed to be cleaned up and put in correct dumpsters and to keep it clean. Provided public education. Revisited and resolved next day 1-13-10.	Yes	Verbal Notice	Food Facilities
44	1/21/10	Yes	Sushi Kitsho Japanese Cuisine	19541 Estates Dr.	Contacted manager and advised him to cleanup all wine bottles, trash bags, and 5 gallon cans and put them in correct totes/dumpsters and keep area clean. Provided public education. Revisited and resolved same day 1/21/10.	Yes	Verbal Notice	Food Facilities

CUPERTINO
C.4.c.iii.(1)-Facility Inspections: Summary of IND Inspections
7/1/09-6/30/10

	Date	Resolved	Facility Name	Address	Inspector Notes	Violation Observed	Enforcement Action	Facility Type
45	1/25/10	Yes	Pier 1 Imports Store #374	20610 Stevens Creek Blvd	Contacted the store manager, Jenny LeFebvre, about the issue and advised her the area needed to be cleaned up and put trash and cardboard in the correct dumpsters and to keep area cleaned. Provided public education. Revisited and resolved next day 1-26-10	Yes	Verbal Notice	Commercial
46	1/25/10	Yes	Hong Fu	20588 Stevens Creek Blvd	Contacted the owner about issue and advised him that all of the boxes needed to go in the cardbaord dumpster, 5 gal cans in the dumpster, and plastic containers in the toter. Provided public education. Revisited and resolved same day 1-25-10.	Yes	Verbal Notice	Food Facilities
47	1/25/10	Yes	Aaron Brothers	20600 Stevens Creek Blvd	Contacted the store manager and advised him that all the trash and plastic bags needed to be cleaned up and put in the correct dumpsters and keep area clean. Provided public education. Revisited and resolved same day 1-25-10.	Yes	Verbal Notice	Commercial
48	1/26/10	Yes	Cupertino Auto Service	11025 N. De Anza Blvd.	Contacted the manager about the issue and advised him to clean all the trash and bags and put them in the dumpster and keep it clean at all times. Provided public education. Revisited and resolved next day 1-27-10.	Yes	Verbal Notice	Automotive Facilities
49	1/27/10	Yes	I Restaurant	20007 Stevens Creek Blvd	Contacted the manager about the issue and advised him that all the cardboard needed to be cleaned up and put in the cardboard dumpster and to keep area clean at all times. Provided public education. Revisited and resolved same day 1-27-10.	Yes	Verbal Notice	Food Facilities
50	1/27/10	Yes	Starbucks Coffee Company	11111 C Wolfe Rd	Contacted store manager and advised her that the box of binders and cup holders need to go in the correct dumpsters and to keep area clean. Provided public education. Revisited and resolved same day 1-27-10.	Yes	Verbal Notice	Food Facilities
51	1/28/10	Yes	Café Torre	20343 Stevens Creek Blvd	Contacted Café Torre owner and Carla Wilkey Property Manager about the issue and advised them it needed to be cleaned up. Revisited and resolved next day 1-29-10.	Yes	Verbal Notice	Food Facilities
52	2/1/10	Yes	Cupertino Square	10123 N. Wolfe Rd, Suite 2030	Contacted one of the workers about the issue and advised that the oil and grease needed to be cleaned up and to put the carboard in the correct dumpster. Provided public education. Revisited and resolved same day 2-1-10.	Yes	Verbal Notice	Food Facilities

CUPERTINO
C.4.c.iii.(1)-Facility Inspections: Summary of IND Inspections
7/1/09-6/30/10

	Date	Resolved	Facility Name	Address	Inspector Notes	Violation Observed	Enforcement Action	Facility Type
53	2/17/10	Yes	Hong Fu	20588 Stevens Creek Blvd	Contacted owner about the issue and advised him all the cardboard needed to be cleaned up and put in the cardboard dumpster and to keep the area clean. Provided public education. Revisited and resolved same day 2-17-10.	Yes	Verbal Notice	Food Facilities
54	2/18/10	Yes	Pier 1 Imports, Store #374	20610 Stevens Creek Blvd	Contacted store manager, Jenny LeFebvre, and advised her to clean up all bags and trash and put it in dumpster and to keep area clean at all times. Provided public education. Revisited and resolved next day 2-19-10.	Yes	Verbal Notice	Commercial
55	2/23/10	Yes	Pier 1 Imports, Store #374	20610 Stevens Creek Blvd	Contacted the store manager, Jenny LeFebvre, about the issue and advised her to clean up all the plastic bags and cardboard and put them in the correct dumpster. Provided public education. Revisited and resolved next day 2-24-10.	Yes	Verbal Notice	Commercial
56	2/23/10	Yes	Hong Fu	20588 Stevens Creek Blvd	Contacted the manager about the issue and advised him it needed to be cleaned up and put the cardboard in the cardboard dumpster and to keep area clean at all times. Revisited and resolved next day 2-24-10.	Yes	Verbal Notice	Food Facilities
57	2/25/10	Yes	Walgreens #4416	20011 Bollinger Rd	Contacted the store manager, Edward McMurry, about the issue and advised him to clean everything up and put trash in the dumpsters and to keep area clean. Provided public education. Revisited and resolved same day 2-25-10.	Yes	Verbal Notice	Commercial
58	3/3/10	Yes	Chuck E. Cheese's	19805 Stevens Creek Blvd	Contacted the manager about the issue and advised her that all the plastic bags of trash and cardboard needed to go in the correct dumpsters. Provided public education. Revisited and resolved next day 3-4-10.	Yes	Verbal Notice	Food Facilities
59	3/8/10	Yes	Cupertino Square	10123 N. Wolfe Rd, Suite 2030	Contacted Michael Gonzales about the issue and advised him to put cardboard in the cardboard dumpster and clean up all oil and grease. Provided public education. Revisited and resolved same day 3-8-10.	Yes	Verbal Notice	Food Facilities
60	3/9/10	Yes	T.J. Maxx	20650 Homestead Rd	Contacted the store manager, Glia Beavidez, about the issue and advised her that all plastic bags and cardboard needed to go in the correct dumpster. Provided public education. Revisited and resolved next day 3-10-10.	Yes	Verbal Notice	Commercial

CUPERTINO
C.4.c.iii.(1)-Facility Inspections: Summary of IND Inspections
7/1/09-6/30/10

	Date	Resolved	Facility Name	Address	Inspector Notes	Violation Observed	Enforcement Action	Facility Type
61	3/12/10	Yes	T.J. Maxx	20650 Homestead Rd	Contacted the store manager and advised her about the issue and that the area needed to be cleaned up and the plastic bags and trash needed to go in the dumpster and to keep the area clean. Provided public education. Revisited/resolved same day 3-12-10.	Yes	Verbal Notice	Commercial
62	3/22/10	Yes	P.W. Market	20620 Homestead Rd	Contacted the store manager and advised him that it needed to be cleaned up and keep the discharge from going to storm drain. Provided public education, stormwater pollution prevention and watershed protection info. Revisited and resolved same day 3-22-10	Yes	Verbal Notice	Food Facilities
63	3/29/10	Yes	Cupertino Square	10123 N. Wolfe Rd, Suite 2030	One of the workers came to clean up the area and I told him to put the cardboard in the cardboard dumpster and to clean up the oil and grease and the enclosure area needed to be clean at all times. Provided public education. Revisited/resolved 3-29-10.	Yes	Verbal Notice	Food Facilities
64	3/29/10	Yes	Alexander's Steakhouse	10330 N. Wolfe Rd	Contacted Cynthia Staehnke, Office Assistant, told her all oil and trash needed to be cleaned up. Provided public education. Revisited and resolved same day 3-29-10.	Yes	Verbal Notice	Food Facilities
65	3/29/10	Yes	T.J. Maxx	20650 Homestead Rd	Contacted the store manager and advised that all cardboard and plastic bags needed to be cleaned up and put in correct dumpsters and to keep area clean. Provided public education. Revisited and resolved next day 3-30-10.	Yes	Verbal Notice	Commercial
66	4/26/10	Yes	Goodyear	10931 N De Anza Blvd		No	No Action	Automotive
67	4/27/10	Yes	PW Market	20620 Homestead Rd		No	No Action	Food Service
68	4/28/10	Yes	Marine Food	10122 Stevens Creek Blvd		No	No Action	Food Service
69	4/29/10	Yes	Pizza Hut	20770 Stevens Creek Blvd		No	No Action	Food Service
70	5/3/10	Yes	Cupertino Auto Tech	10073 Imperial Ave		No	No Action	Automotive

CUPERTINO
C.4.c.iii.(1)-Facility Inspections: Summary of IND Inspections
7/1/09-6/30/10

	Date	Resolved	Facility Name	Address	Inspector Notes	Violation Observed	Enforcement Action	Facility Type
71	5/3/10	Yes	Marie Callender's	20750 Stevens Creek Blvd		No	No Action	Food Service
72	5/4/10	Yes	Acadia Veterinary Clinc	10012 Foothill Blvd	Drains need to be cleaned. Returned 5-6-10 drain were clean.	Yes	Level 1	Veterinarian
73	5/4/10	Yes	Taco Bell	10710 N De Anza Blvd		No	No Action	Food Service
74	5/5/10	Yes	Cupertino Service	10280 Imperial Ave.		No	No Action	Automotive
75	5/5/10	Yes	Clarks Auto Parts	10270 Imperial Ave		No	No Action	Automotive
76	5/5/10	Yes	Jiffy lube	19480 Stevens Creek	Needed secondary containment for oil storage in outdoor storage unit. Returned 5-20-2010 drains were cleaned and oil was contained.	Yes	Level 1	Automotive
77	5/5/10	Yes	Miyake Sushi	10650 S De Anza Blvd		No	No Action	Food Service
78	5/6/10	Yes	Dry Clean Pro	20379 Stevens Creek		No	No Action	Dry Cleaners
79	5/6/10	Yes	International Auto Service	10221 Imperial Ave		No	No Action	Auto Repair
80	5/6/10	Yes	Valero	10002 N. De Anza		No	No Action	Gas Station/ Carwash
81	5/6/10	Yes	DeAnza Auto Center	10151 Imperial Ave.		No	No Action	Automotive
82	5/6/10	Yes	Pacific Rim Park Shopping Center	10787 S Blaney Ave		No	No Action	Other - Commercial Areas
83	5/7/10	Yes	Armadillo Willy's	10100 N De Anza Blvd		No	No Action	Food Service
84	5/10/10	Yes	McDonald's	10990 N Stelling Rd		No	No Action	Food Service
85	5/11/10	Yes	I Restaurant	20007 Stevens Creek Blvd		No	No Action	Food Service

CUPERTINO
C.4.c.iii.(1)-Facility Inspections: Summary of IND Inspections
7/1/09-6/30/10

	Date	Resolved	Facility Name	Address	Inspector Notes	Violation Observed	Enforcement Action	Facility Type
86	5/11/10	Yes	Imperial Automotive	10261 Imperial Ave	All OK except need used battery containment. Correction written.5-25 followup, battery containment containers on site.	Yes	Level 1	Automotive
87	5/11/10	Yes	Songco's Shell	19990 St. Creek Blvd.		No	No Action	Automotive
88	5/11/10	Yes	Valco 76	19550 St. Creek		No	No Action	Automotive
89	5/12/10	Yes	Valero	1699 S. DeAnza Blvd	Clean trash from storm drain south of building. Clean on 5/20/2010	Yes	Level 1	Automotive
90	5/12/10	Yes	M & M Food Market	10021 S Blaney Ave		No	No Action	Food Service
91	5/12/10	Yes	Cupertino Auto Repair	22510 St. Creek Blvd.		No	No Action	Automotive
92	5/12/10	Yes	Cupertino Union 76	21530 St. Creek Blvd.		No	No Action	Automotive
93	5/12/10	Yes	Union 76	20755 St. Creek Blvd.		No	No Action	Automotive
94	5/13/10	Yes	Shan Restaurant	20030 Stevens Creek Blvd		No	No Action	Food Service
95	5/14/10	Yes	European Auto Performance	10550 S. DeAnza Blvd		No	No Action	Automotive
96	5/14/10	Yes	Homestead 76	21855 Homestead Rd.	Clean up trash west and north of bldg. Cleaned up 5/24/2010.	Yes	Level 1	Automotive
97	5/17/10	Yes	Chili's	20060 Stevens Creek Blvd		No	No Action	Food Service
98	5/18/10	Yes	St. Joseph Place Shopping Center	20343 Stevens Creek Blvd		No	No Action	Other - Commercial Areas
99	5/19/10	Yes	Bottegas Shopping Center	20735 Stevens Creek Blvd		No	No Action	Other - Commercial Areas

CUPERTINO
C.4.c.iii.(1)-Facility Inspections: Summary of IND Inspections
7/1/09-6/30/10

	Date	Resolved	Facility Name	Address	Inspector Notes	Violation Observed	Enforcement Action	Facility Type
100	5/20/10	Yes	AAA Auto Repair	10121 N. Foothill Blvd		No	No Action	Automotive
101	5/20/10	Yes	Sierra Cleaners	10151 S. De Anza		No	No Action	Dry Cleaners
102	5/20/10	Yes	Scotty's Cleaners	10620 S. De Anza		No	No Action	Dry Cleaners
103	5/20/10	Yes	McClellan Square Cleaners	10477 S. De Anza		No	No Action	Dry Cleaners
104	5/20/10	Yes	Vivi's Restaurant	21731 Stevens Creek Blvd		No	No Action	Food Service
105	5/21/10	Yes	Arco Foothill Service Station	10121 N Foothill Blvd		No	No Action	Automotive
106	5/21/10	Yes	One Hour Cleaners	10045 East Estates Dr.		No	No Action	Dry Cleaners
107	5/21/10	Yes	Jamba Juice	21265 Stevens Creek Blvd, Suite 2001		No	No Action	Food Service
108	5/24/10	Yes	99 Ranch Market	10983 N Wolfe Rd		No	No Action	Food Service
109	5/25/10	Yes	The Duke of Edinburgh	10801 N Wolfe Rd		No	No Action	Food Service
110	5/26/10	Yes	J & J Hawiian Barbeque	20950 Stevens Creek Blvd		No	No Action	Food Service
111	5/26/10	Yes	Sears Auto Repair	10101 N. Wolfe Rd		No	No Action	Automotive
112	5/27/10	Yes	Fontana's Italian Restaurant	20840 Stevens Creek Blvd		No	No Action	Food Service
113	5/31/10	Yes	Whole Foods	20955 Stevens Creek Blvd		No	No Action	Food Service
114	6/1/10	Yes	Donut Wheel	10250 N De Anza Blvd		No	No Action	Food Service

CUPERTINO
C.4.c.iii.(1)-Facility Inspections: Summary of IND Inspections
7/1/09-6/30/10

	Date	Resolved	Facility Name	Address	Inspector Notes	Violation Observed	Enforcement Action	Facility Type
115	6/2/10	Yes	Homestead Shopping Center	20916 Homestead Rd		No	No Action	Other - Commercial Areas
116	6/3/10	Yes	BJ's Restaurant	10690 N De Anza Blvd		No	No Action	Food Service
117	6/4/10	Yes	Pebbles Deli Café	10235 De Anza Blvd		No	No Action	Food Service
118	6/7/10	Yes	Lucky	10425 S De Anza Blvd		No	No Action	Food Service
119	6/8/10	Yes	Chevron	10023 S De Anza Blvd	Oil cans, trash within enclosure. Cleaned upon request on 6-8-10.	Yes	Level 1	Automotive
120	6/9/10	Yes	Chipotle Mexican Grill	10385 S De Anza Blvd	Air conditioning draining to street. Rerouted air conditioning drainage to landscaping and cleaned enclosure area.	Yes	Level 1	Food Service
121	6/10/10	Yes	KFC	10520 N De Anza Blvd		No	No Action	Food Service
122	6/14/10	Yes	Pacific Rim Park Shopping Center	10787 S Blaney Ave		No	No Action	Other - Commercial Areas
123	6/15/10	Yes	Shell	19990 Stevens Creek Blvd		No	No Action	Automotive
124	6/16/10	Yes	Arya Global Cuisine	19930 Stevens Creek Blvd		No	No Action	Food Service
125	6/17/10	Yes	Kitsho Sushi	19541 Richwood Drive		No	No Action	Food Service
126	6/18/10	Yes	Rice Cafe	10074 East Estates		No	No Action	Food Service



FY 09 - 10 Annual Report

Section 5

Provision C.5 Illicit Discharge Detection and Elimination

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

C.5.a.ii ► Legal Authority		
(For FY 09-10 Annual Report only) Do you have adequate legal authority to prohibit and control illicit discharges and escalate stricter enforcement to achieve expedient compliance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cupertino has adequate legal authority to prohibit and control illicit discharges and provide escalating enforcement. In addition, in FY 09-10 Cupertino, with the assistance of its stormwater consultant, began rewriting its stormwater ordinance, Chapter 9.18, to align it with the MRP. The revised ordinance is expected to be completed and adopted during the winter of FY 10-11.		
C.5.b.ii.(4) ► Enforcement Response Plan		
(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Program Highlights		
<p>Cupertino made maps of the MS4 available to the public at the Planning/Building Department Counter at City Hall by June, 2010. In FY 10-11, the maps of the MS4 will be made available to the public via the City's website and advertised in the City's newsletter, the Cupertino Scene. The Env. Prgrm. Mgr. and staff regularly attended the IND/IDDE Ad Hoc Task Group and hosted many of the meetings in Cupertino. Staff regularly reviewed and commented on AHTG products. Staff has met with the City's IDDE inspector on an approximately weekly basis since April 1, 2010 to evaluate the changes to investigation and enforcement response procedures that began with ERP implementation on April 1, 2010. Additionally, staff held several trainings with DEH to ensure that DEH inspectors are adequately reporting all violations involving urban runoff to the City. In FY 10-11 updated maps and current off-hours contacts will be provided to DEH inspectors in order to ensure adequate response and follow-up investigations.</p> <p>As of April 1, 2010, staff stopped using the SCVURPPP Access database for recording IDDE violations and began entering data in the new Excel IDDE tracking database developed by SCVURPPP in FY 09-10 to facilitate tracking MRP required data. This new format facilitates the prioritization of facilities for inspection, timeframes for follow-up investigations, and identifies repeat violators in order to utilize appropriate escalating enforcement at facilities where violations continue to occur.</p> <p>Please see the C.5 Illicit Discharge Detection and Elimination section of the Program's FY 09-10 Annual Report for description of activities of the IND/IDDE AHTG.</p>		
C.5.c.iii ► Complaint and Spill Response Phone Number and Spill Contact List		
List below or attach your complaint and spill response phone number and spill contact list.		
Contact	Description	Phone Number
Santa Clara County Fire Department	Hazardous and/or unknown substance response and/or discharge to storm drain	911
Public Works Department	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

Describe implementation of minimum standards and BMPs for mobile businesses and your enforcement strategy. This may include participation in the BASMAA Mobile Surface Cleaners regional program or local activities.

The City's IDDE Inspector is trained on the BMPs for mobile businesses developed by the BASMAA Mobile Surface Cleaners regional program. If a mobile business is found in violation of the City's stormwater code, the Inspector would require immediate resolution, whenever possible, and would track the enforcement proceedings as outlined in the City's IDDE ERP. There were no reported or discovered violations by mobile businesses in FY 09-10.

Please see the C.5 Illicit Discharge Detection and Elimination section of Program's FY 09-10 Annual Report for a description of efforts by the IND/IDDE AHTG to address mobile businesses.

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

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

In FY 09-10, the City's IDDE Inspector, who has worked on storm drain maintenance for the City, strategically selected eleven (11) storm drain system check points in Cupertino after consulting the storm drain map and surveying potential check points. These eleven check points were selected because they receive storm water flows from commercial or industrial areas or other areas with a high potential for illicit discharges or debris and litter. These check points, which include several end of pipe outfalls, will be inspected by the IDDE Inspector at least annually in dry weather during FY 10-11 and annually for the duration of the MRP.

Please see the C.5 Illicit Discharge Detection and Elimination section of Program's FY 09-10 Annual Report for description of activities of the IND/IDDE AHTG to develop collection system screening program guidance.

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

Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information). These numbers represent all violations for FY 09-10. However, data were only tracked in the in a manner consistent with MRP requirements after April 1, 2010 when the SCVURPPP-developed Excel IDDE tracking database was adopted by Cupertino. Prior to April 1st, the SCVURPPP standardized Access database was used to track IDDE violations. The Excel database will be used to track all incidents in FY 10-11. See Appendix 5-1 for the IDDE Detailed Inspection Reporting Table for FY 09-10.

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	61	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	21	35%
Discharges resolved in a timely manner (C.5.f.iii.(3))	61	100%

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

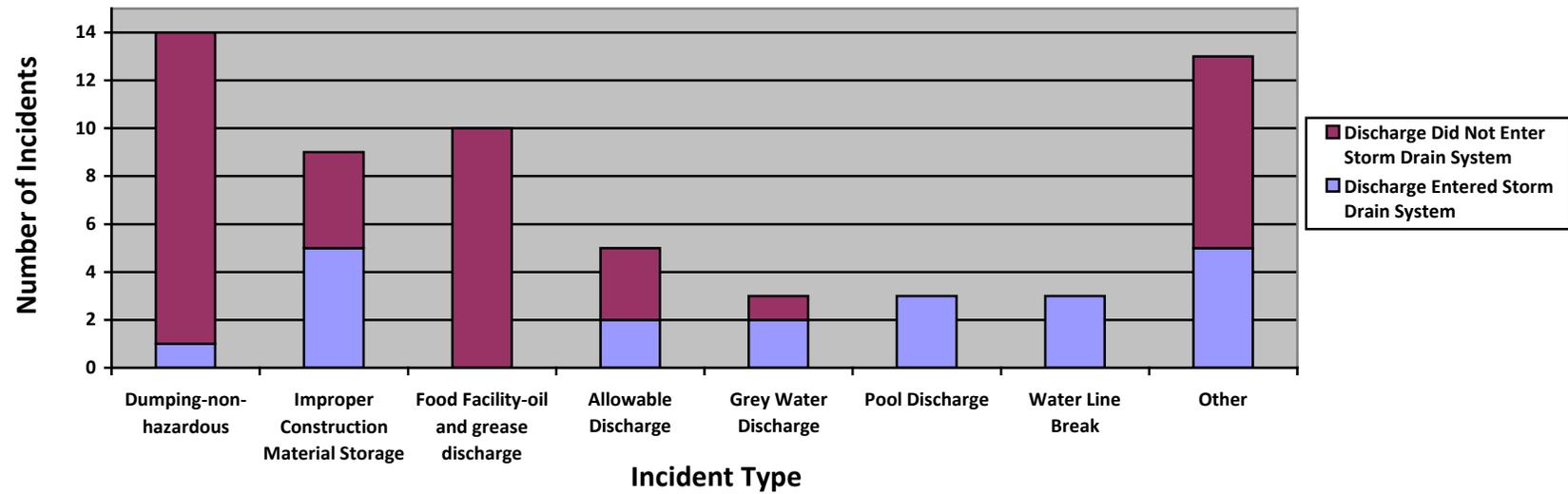
Provide a narrative or attach a table and/or graph.

The three main types of IDDE discharges and complaints in Cupertino are improperly stored construction debris such as rock, dirt, and concrete in streets and gutters; dumping of non-hazardous materials such as cardboard, trash, and food waste outside of food facilities; and food facility oil and grease discharges. Improperly stored construction material has resulted in discharges to the storm drains when the site is being washed, materials have been stored directly on or adjacent to storm drains, or a rain event occurs. All violations of this nature were resolved the same day of discovery by the IDDE Inspector who required immediate removal of debris and BMPs to be put in place. Only one non-hazardous dumping violation resulted in trash, in the form of shredded paper, entering a storm drain. All housekeeping and improper dumping of trash, cardboard, and food wastes in FY 09-10 were resolved by the IDDE Inspector within 48 hours. No oil and grease discharges from food facilities resulted in a discharge to a storm drain. These incidents involved leaking or uncovered tallow bins or poor housekeeping that had oil and grease present, which threatened, but did not reach the storm drain system.

The table below shows the major types of IDDE discharges and complaints from April 1, 2010 to the end of FY 09-10, using the SCVURPPP-developed Excel IDDE tracking database. Prior to April 1st, Cupertino used the SCVURPPP standardized Access Database that had similar incident type categories but was not recorded in a manner consistent with the 2009 MRP requirements. In the bar graph below all actual and potential discharge violation types are summarized for the entire 09-10 FY.

Types of discharges and complaints from 4-1-10 through 6-30-10	Number	Percentage
Tracking soil	3	12%
Landscape material dumping	1	4%
Un-hardened cement discharge	1	4%
Dumpster discharge	1	4%
Pools/Spas/Fountains discharge	1	4%
Abandoned drums discharge	1	4%
Dumping - hazardous	1	4%
Dumping – non-hazardous	10	40%
Food Facility Oil & grease discharge	3	12%
Allowable discharge	3	12%
Totals	25	100%

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)



Appendix 5-1

IDDE Inspection Reporting Table

CUPERTINO
Summary of IDDE Inspections
7/1/09 to 6/30/10

	Date	Facility Name	Resolved	Address	Incident Report Source	Incident Type	Incident Source	Enforcement Action	Notes Pertaining to Incident
1	7/6/09	Residential	Yes	10651 Merriman Rd	Illicit discharge inspectors	Other-construction debris, dirt, trash	Residential; Construction Site	Verbal Notice	Contacted construction owner Rodoif Crisanto. Advised him all the construction debris, dirt and gutter and storm drain need to be cleaned. Provided public education and stormwater pollution prevention and watershed protection information. Resolved 7/7/09
2	7/8/09	Residential	Yes	10417 Anson Ave	Illicit discharge inspectors	Pools/Spas/Fountains discharge	Residential	Verbal Notice	Contacted Alizama Niheis, president of the company. Advised him to stop immediately and provided public education and stormwater pollution prevention and watershed protection information. Resolved same day 7/8/09.
3	7/14/09	Cupertino Square	Yes	10123 North Wolfe Rd Suite 2030	Illicit discharge inspectors	Food Facility Oil & grease discharge	Commercial	Verbal Notice	Contacted Tony Nguyen, Director of Public Safety, to come to the spill by truck court. Advised him that it needed to be cleaned up immediately. Provided public education, stormwater pollution prevention and watershed protection info. Resolved 7/14/09.
4	7/20/09	Residential	Yes	10417 Anson Ave	Interdepartmental	Other-dirt pile in street and gutter	Residential	Verbal Notice	Contacted president of the Alis company and advised Alis about the issue that he can not pile dirt on the street and gutter and to clean it up immediately. Provided public education. Revisited and resolved incident same day 7/20/09.
5	7/27/09	Pho Minh Restaurant	Yes	10118 Bandley Dr	Illicit discharge inspectors	Food Facility Oil & grease discharge	Food Facilities	Verbal Notice	Spoke with the manager about the issue and advised her to clean up the oil and grease with absorbent and to put the trash in the dumpster. Provided public education. Revisited and resolved next day 7/28/09.
6	7/27/09	P.W. Market	Yes	20620 Homestead Rd	Illicit discharge inspectors	Food Facility Oil & grease discharge	Food Facilities	Verbal Notice	Contacted the store manager about the issue and advised him to put absorbent on the oil and grease and clean all of the area and repair the leaking compactor. Provided public education. Revisited and resolved same day 7/27/09.
7	8/6/09	Residential	Yes	45863 Stelling and Rainbow	Citizen Complaints	Sanitary spill or leak	Residential	No Action-incident resolved	On arrival, Roger Santos, George Santos, and Tony Soares were protecting the storm drain with protector mats to keep overflow from entering storm drain. Roto Rooter and Able Construction cleaned up the street, gutter, and storm drain. Resolved 8/6/09.
8	8/6/09	Residential	Yes	10249 S. Portal Ave	Interdepartmental	Vehicle washing	Residential	Verbal Notice	Spoke with truck driver. Advised him that he can not wash the truck out in the street and JJR Construction must clean up the street and gutter. Provided public education, stormwater pollution prevention and watershed protection info. Resolved 8/6/09.

CUPERTINO
Summary of IDDE Inspections
7/1/09 to 6/30/10

	Date	Facility Name	Resolved	Address	Incident Report Source	Incident Type	Incident Source	Enforcement Action	Notes Pertaining to Incident
9	8/27/09	Kumud Groceries	Yes	10255 S. De Anza Blvd	Illicit discharge inspectors	Dumping – non-hazardous	Food Facilities	Verbal Notice	Contacted owner and advised him that all the trash, cardboard, and vegetable bags needed to be cleaned up and put in dumpsters and put pallets away. Provided public education. Revisited and resolved next day 8/28/09.
10	8/28/09	Oakmont Produce Market	Yes	19944 Homestead Rd	Illicit discharge inspectors	Dumping – non-hazardous	Food Facilities	Verbal Notice	Contacted the owner, Judy Bates, and advised her that all the vegetables, trash, and cardboard needed to be cleaned up and put in the dumpsters and to keep the parking lot clean. Provided public education. Revisited and resolved same day 08/27/09.
11	9/16/09	Oakmont Produce Market	Yes	19944 Homestead Rd	Illicit discharge inspectors	Dumping – non-hazardous	Food Facilities	Verbal Notice	Contacted store manager, Judy Bates, advised her to cleanup all the produce and put it in the dumpster and to keep the area clean. Provided public education. Revisited and resolved same day 9/16/09.
12	9/16/09	Gochi Japanese Fusion Tapas	Yes	19980 Homestead Rd	Other agency	Other-mop water	Food Facilities	Verbal Notice	Contacted the restaurant owner and property owner and advised them they cannot discharge mop water out the backdoor and that they should pour it into a sink or toilet and asked them to clean it up. Provided public education. Resolved same day 9/16/09.
13	9/23/09	Family Denistry	Yes	10090 Pasadena Ave,	Other agency	Dumping – non-hazardous	Commercial	Verbal Notice	Contacted John H. Brown, D.D.S. about the issue and advised him to put shredded paper in plastic bags and into the dumpster and he said he would. Provided public education. Revisited and resolved same day 9/23/09.
14	9/23/09	Yoshinoya Restaurants	Yes	19825 Stevens Creek Blvd	Illicit discharge inspectors	Water line breaks	Food Facilities	Verbal Notice	Contacted owner and advised him to cleanup all the sidewalk and gutter and all the mud. Told him he cannot pump water and mud to the stormdrain and to clean the stormdrain, and he did. Provided public education. Revisited and resolved same day 9/23/09
15	9/24/09	Pho Minh	Yes	10118 Bandlely Dr.	Illicit discharge inspectors	Food Facility Oil & grease discharge	Food Facilities	Verbal Notice	Contacted store manager and advised him to clean up all the oil and grease on the ground and the containers. Provided public education. Revisited and resolved same day 9/24/09.
16	9/28/09	The Oaks	Yes	21269 Stevens Creek Blvd	Illicit discharge inspectors	Dumping – non-hazardous	Food Facilities	Verbal Notice	Contacted Henry Laiheis, property manager, advised him to cleanup all the cardboard and trash and put them in the correct dumpsters. Provided public education. Revisited and resolved same day 9/28/09.

CUPERTINO
Summary of IDDE Inspections
7/1/09 to 6/30/10

	Date	Facility Name	Resolved	Address	Incident Report Source	Incident Type	Incident Source	Enforcement Action	Notes Pertaining to Incident
17	10/28/09	Gamba Karaoke	Yes	19990 Homestead Rd	Other agency-City of San Jose	Grey water discharge	Commercial	Verbal Notice	Contacted Hitoshi Gotani, owner, advised him not to discharge mop water from back door because it goes to the storm drain. Advised him to put it in the sink or toilet. Provided pueducation. Revisited and resolved 10/28/09.
18	10/30/09	Cupertino Square	Yes	10123 N. Wolfe Rd	Other agency	Food Facility Oil & grease discharge	Food Facilities	Verbal Notice	Contacted Michael Gonzales about issue, advised him to cleanup area and steam clean all oil and grease and to put the bottles in the correct toter. Contacted property manager also about issue. Provided public education. Stayed until resolved on 10/30/09
19	11/17/09	Residential Community	Yes	22366 Rancho Deep Cliff	Citizen Complaints	Pools/Spas/Fountains discharge	Residential	Verbal Notice	Contacted Lyle Peddicord, Property Mgmnt, about issue. Told him they cannot discharge pool water to storm drain, they should discharge to sanitary sewer cleanout, with permission from Cupertino Sanitary District. Provided pub. education. Resolved 11/17/09
20	11/18/09	Alexander's Steak House	Yes	10330 N. Wolfe Road	Illicit discharge inspectors	Food Facility Oil & grease discharge	Food Facilities	Verbal Notice	Inspector contacted Cynthia Staehnke, HR & Office Generalist about the discharge, and asked for the discharge to be cleaned up. Also asked for a secondary containment for the 55 gallon tallow container. Provided Public Education & Stormwater Pollution Prevention info.
21	11/24/09	Residential	Yes	10175 Byrne Ave	Citizen Complaints	Water line breaks	Residential	Verbal Notice	Inspector contacted San Jose Water Company to repair the waterline and provided Public Education Pollution Prevention & Stormwater Watershed Prevention outreach info. Revisited site later in the day on 11/24/09. Resolved.
22	11/24/09	Residential	Yes	10517 Rampert Ave	Citizen Complaints	Other: Excessive lawn over watering	Residential	Verbal Notice	Contacted resident about the over watering and asked to check the sprinklers and timer for less frequent operations to reduce water usage and water running onto sidewalk. Provide PPSPWP outreach material. Revisited site the next day 11/25/09.
23	11/24/09	Yamagamis Nursery	Yes	1361 South De Anza Blvd.	Citizen Complaints	Other: discharge of muddy water	Commercial	Verbal Notice	Inspector contacted Preston Oka, president of the Nerusey and advised him to clean out and unplug the stormdrain. Provided Public Education and Stormwater Pollution Prevention and Watershed Protection outreach material. Revisited site the next day 11/25/09.

CUPERTINO
Summary of IDDE Inspections
7/1/09 to 6/30/10

	Date	Facility Name	Resolved	Address	Incident Report Source	Incident Type	Incident Source	Enforcement Action	Notes Pertaining to Incident
24	12/2/09	Residential	Yes	10663 Santa Lucia Road	Citizen Complaints	Surface cleaning discharge	Residential	Verbal Notice	Inspector contacted the home owner and advised that he was not allowed wash the chemicals (muraticc acid thiner & turperntine) into the stormdrain. Asked that the gutter and street be cleaned up. Provided Public Outreach info. Inspector stayed onsite until resolved.
25	12/3/09	Walgreens #4416	Yes	20011 Bollinger Road	Illicit discharge inspectors (Non routine)	Dumping – non-hazardous	Commercial	Verbal Notice	Inspector contacted the Store Manager and advised him to clean up the cardboard and trash and place in the cardboard in the dumpster and trash in the compactor. Provided Public Education and Outreach information. Revisited and resolved next day.
26	12/19/09	Residential	Yes	949 Brookgrove Lane	Citizen Complaints	Complaint not found	Residential	No Action	No incident found 12/19/09. Site revisited 12/23/09 and no incident observed again. Some standing water was in the street 5 houses down from site of original complaint. Water appeared clean and nothing unusual was observed.
27	1/4/10	Residential Area	Yes	22034 Pharlo Drive	Other agency	Water line breaks	Residential	Verbal Notice	Contacted San Jose Water Crew leader and advised to clean up the mud & sediments out of the stormdrain, and to put more gravel and bags to capture the sediment and mud discharging into stormdrain. Provided Public Education & Stormwater Pollution Prevention
28	1/21/10	Cupertino Bakery	Yes	10251 S De Anza Blvd	Citizen Complaints	Accidental spills	Food Facilities	Verbal Notice	Contacted store manager and advised him to cleanup all milk on the ground and storm drain. Provided public ed and stormwater pollution prevention and watershed protection outreach. Revisited and resolved same day 1-21-10.
29	1/28/10	Residential	Yes	21702 Lindy Ln	Citizen Complaints	Dumping – non-hazardous	Residential	Verbal Notice	Contacted owner, Phillip Bjurman, about issue. Advised him to clean up all mud in the street and provide drain inlet and catch basin protection. Provided public ed, stormwater and watershed protection info. Resolved 1-28-10.
30	2/1/10	Residential	Yes	10866 Linda Vista	Citizen Complaints	Dumping – non-hazardous	Residential	Verbal Notice	Contacted the owner and advised him to clean all the dirt off the street and gutter and not to do it again. Provided public education. Stop work order issued by Building Dept.(BG) on 2-1-10. Remained at site until resolved 2-1-10.
31	2/8/10	Think Tank Learning	Yes	10650 Bubb Rd	Citizen Complaints	Sanitary spill or leak	Other/unknown	Verbal Notice	Contacted Cupertino Sanitary District about the issue and they called Able to clean up the gutter, driveway, storm drain, and the line. Provided public education, stormwater pollution prevention and watershed protection info.

CUPERTINO
Summary of IDDE Inspections
7/1/09 to 6/30/10

	Date	Facility Name	Resolved	Address	Incident Report Source	Incident Type	Incident Source	Enforcement Action	Notes Pertaining to Incident
32	2/9/10	Tin Tin Oriental Super Market	Yes	10881 S. Blaney Ave	Illicit discharge inspectors	Dumping – non-hazardous	Food Facilities	Verbal Notice	Contacted the owner immediately and advised him to clean everything up and put it in the compactor and to keep the area clean at all times. Provided public education. Stayed on site until everything was cleaned up-resolved 2-9-10.
33	2/17/10	The Oaks	Yes	21269 Stevens Creek Blvd	Illicit discharge inspectors	Food Facility Oil & grease discharge	Food Facilities	Verbal Notice	Contacted owner, Sawm Taheri, about the issue and advised him to clean up the cardboard, containers of oil, and the grease on top of the 55 gallon drum. Provided public education. Revisited and resolved same day 2-17-10.
34	2/24/10	Construction Site	Yes	21071 Grenola Dr.	Interdepartmental	Dumping – non-hazardous	Construction Sites	Verbal Notice	Contacted Scott Tavares, General Partner, and advised him to clean up all the mud in the street, gutter, and storm drain and he did. Provided public education, stormwater pollution prevention and watershed protection info. Revisited and resolved 2-24-10.
35	3/15/10	Residential	Yes	1508 Aster Ct.	Citizen Complaints	Pools/Spas/Fountains discharge	Residential	Verbal Notice	Contacted the contractor, Deen Root, advised him that he cannot discharge pool water into the storm drain, and that he can discharge into the sewer cleanout, with permission. Provided public education. Asked to stop immediately. Resolved 3-15-10.
36	3/18/10	Residential	Yes	6073 Bollinger Rd	Interdepartmental	Landscape material dumping	Residential	Verbal Notice	Contacted the contractor and advised him to clean up all the dirt from the gutter immediately and told him he cannot put dirt in the street or gutter. Provided public education. Revisited and resolved same day 3-18-10.

The data above was recorded in the SCVURPPP standardized Access database prior to April 1, 2010. After April 1st, the SCVURPPP developed Excel IDDE Tracking Database was adopted by Cupertino to track data in a manner consistent with the MRP requirements. The data below is also available in its complete form in Cupertino's Excel IDDE Tracking Database.

	Date	Facility Name	Resolved	Address	Incident Report Source	Incident Type	Incident Source	Enforcement Action	Notes Pertaining to Incident
37	4/7/10	Coach House Wine & Spirits	Yes	1655 S De Anza Blvd	Illicit discharge inspectors	Dumping – non-hazardous	Food Facilities	Level 1-Verbal Warning	Cardboard boxes piled in front right, outside of store.
38	4/9/10	99 Ranch Market	Yes	10983 North Wolfe Rd	Illicit discharge inspectors	Food Facility Oil & grease discharge	Food Facilities	Level 1-Verbal Warning	Discharge of oil and grease from tallow bin going on ground and wall. Surface cleaning required.

CUPERTINO
Summary of IDDE Inspections
7/1/09 to 6/30/10

	Date	Facility Name	Resolved	Address	Incident Report Source	Incident Type	Incident Source	Enforcement Action	Notes Pertaining to Incident
39	4/14/10	Residential (RP: Sunstone Construction)	Yes	10387 Avienda Lane	Illicit discharge inspectors	Tracking soil	Residential	Level 1- Verbal Warning	Tracking soil on street and piling rock on the street.
40	4/19/10	Alexander's Steakhouse	Yes	10330 N Wolfe Rd	Illicit discharge inspectors	Food Facility Oil & grease discharge	Food Facilities	Level 2- Notice of Violation (NOV)	Oil and grease left on ground surrounding tallow bin and on top of tallow bin.
41	4/27/10	Residential (RP: Antoniel Quintoro)	Yes	10850 Brookwell Dr.	Illicit discharge inspectors	Tracking soil	Residential	Level 2- Notice of Violation (NOV)	Construction at residential property tracking mud on street and sidewalk.
42	4/28/10	Chinese Church in Christ	Yes	10455 Bandlely Dr	Citizen Complaints	Allowable discharge	Other/unknown	Level 1- Verbal Warning	Overwatering lawn. Recommended cut back on water use and get a timer.
43	5/6/10	Legends-Comic & Games	Yes	10123 N Wolfe Rd, Suite 2108	Illicit discharge inspectors	Dumping – non-hazardous	Commercial	Level 2- Notice of Violation (NOV)	Improper disposal of trash on the ground.
44	5/6/10	Fresh Choice Restaurant	Yes	10123 N Wolfe Rd	Illicit discharge inspectors	Dumping – non-hazardous	Food Facilities	Level 2- Notice of Violation (NOV)	Improper disposal of trash on the ground.
45	5/6/10	Residential (RP: Middlebrook Gardens)	Yes	10980 Santa Teresa Dr.	Illicit discharge inspectors	Landscape material dumping	Residential	Level 2- Notice of Violation (NOV)	Soil, rock, sand piled in gutter and street.
46	5/10/10	Residential (RP: Naturescapes)	Yes	10169 Blaney Rd	Illicit discharge inspectors	Dumping – non-hazardous	Residential	Level 2- Notice of Violation (NOV)	Large pile of concrete and dirt in gutter and street.
47	5/10/10	Harumi Sushi	Yes	19754 Stevens Creek Blvd	Illicit discharge inspectors	Dumping – non-hazardous	Food Facilities	Level 2- Notice of Violation (NOV)	Improper disposal of trash bags and carboard.
48	5/12/10	Pier 1 Imports	Yes	20610 Stevens Creek Blvd	Illicit discharge inspectors	Dumping – non-hazardous	Commercial	Level 2- Notice of Violation (NOV)	Improper disposal of carboard and trash on the ground.

CUPERTINO
Summary of IDDE Inspections
7/1/09 to 6/30/10

	Date	Facility Name	Resolved	Address	Incident Report Source	Incident Type	Incident Source	Enforcement Action	Notes Pertaining to Incident
49	5/12/10	Aaron Brothers	Yes	20600 Stevens Creek Blvd	Illicit discharge inspectors	Dumping – non-hazardous	Commercial	Level 2-Notice of Violation (NOV)	Improper disposal of carboard, not contained within dumpster area and broken glass by the dumpster.
50	5/13/10	The Oaks	Yes	21269 Stevens Creek Blvd	Illicit discharge inspectors	Food Facility Oil & grease discharge	Food Facilities	Level 2-Notice of Violation (NOV)	Discharge of oil and grease from full 55 gal drums that need to be removed. Trash present. Secondary containment recommended.
51	6/1/10	Verde Teacafe	Yes	19620 Stevens Creek Blvd, Suite 180	Illicit discharge inspectors	Dumping – non-hazardous	Food Facilities	Level 2-Notice of Violation (NOV)	Improper disposal of cardboard by the back door.
52	6/2/10	Residential-Si Nguyen	Yes	11599 Raintree Spring Ct	Other agency	Dumping - hazardous	Residential	Level 2-Notice of Violation (NOV)	Improper disposal of paint cans, contained in toter. Referred residents to Household Hazardous Waste Program
53	6/2/10	Villa Serra (The Markham) (RP: West Builders-Dave DeJong)	Yes	20800 Homestead Rd	Illicit discharge inspectors	Tracking soil	Construction Sites	Level 2-Notice of Violation (NOV)	Stormdrain BMP inlet filter needed to be replaced and mud and sediment needed to be cleaned out of the line/SD. Instructed to protect SD from constructicon debris and silt.
54	6/7/10	Residential (RP: Antuzzi Concrete Designs, Inc.)	Yes	6073 Bollinger Rd	Illicit discharge inspectors	Dumping – non-hazardous	Residential	Level 2-Notice of Violation (NOV)	Large pile of dirt and concrete in the street from construction.
55	6/8/10	PW Markets	Yes	20620 Homestead Rd	Illicit discharge inspectors	Dumpster discharge	Food Facilities	Level 2-Notice of Violation (NOV)	Compactor leaking hydraulic fluid.
56	6/8/10	Residential (RP: Lewis Pools)	Yes	10715 Blaney Rd	Illicit discharge inspectors	Pools/Spas/Fountains discharge	Residential	Level 2-Notice of Violation (NOV)	Washing discharge on sidewalk to stromdrain.
57	6/9/10	RP-Karel Wong-Property Manager	Yes	21020 Homestead Rd, Suite 2	Illicit discharge inspectors	Allowable discharge	Commercial	Level 2-Notice of Violation (NOV)	Broken sprinkler causing excess water to go into sidewalk, gutter, and storm drain.

CUPERTINO
Summary of IDDE Inspections
7/1/09 to 6/30/10

	Date	Facility Name	Resolved	Address	Incident Report Source	Incident Type	Incident Source	Enforcement Action	Notes Pertaining to Incident
58	6/15/10	Pho Minh	Yes	10118 Bandley Dr	Illicit discharge inspectors	Dumping – non-hazardous	Food Facilities	Level 2-Notice of Violation (NOV)	Excessive cardboard boxes by side of restaurant.
59	6/18/10	Residential (RP: Prins Pool Remodeling)	Yes	21530 Addington Court	Interdepartmental	Un-hardened cement discharge	Residential	Level 2-Notice of Violation (NOV)	Mixture of water and white cement powder went into street and gutter and turned them white. Substance entered SD but stopped at main. Did not enter creek.
60	6/18/10	Homestead Lanes	Yes	20990 Homstead Rd	Illicit discharge inspectors	Allowable discharge	Commercial	Level 2-Notice of Violation (NOV)	Broken sprinkler pipe causing water to enter storm drain.
61	6/23/10	Sunny View Retirement Community	Yes	22445 Cupertino Rd	Other agency	Abandoned drums discharge	Food Facilities	Level 2-Notice of Violation (NOV)	Excessive trash, 7-55 gal full oil and grease drums, 6-one gallon cans of paint.



FY 09 - 10 Annual Report

Section 6

Provision C.6 Construction Site Controls

Section 6 – Provision C.6 Construction Site Controls

C.6.a.iii ► Legal Authority

(For FY 09-10 Annual Report only) Is your agency's legal authority adequate for C.6 compliance? Yes No

Chapter 9.18 of the City's Municipal Code, which covers *Stormwater Pollution Prevention and Watershed Protection*, gives the City the legal authority to enforce stormwater protection violations and to require potential violators to improve BMPs. In March 2010, the Environmental Programs Manager and the City's NPDES Consultant began working on revisions to the Code to better align it with the requirements in the MRP. Input has been solicited from the City's Public Works, Building, and IDDE Inspectors. Construction-related revisions cover inclusion of threatened discharges, broadening of prohibited discharges, and the strengthening the violations and penalties sections to support the City's Enforcement Response Plans. The ordinance revision is expected to be completed by fall 2010 and approved by the City Council by winter 2010-2011.

C.6.b.ii.(3) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Was your Enforcement Response Plan developed and implemented by April 1, 2010? Yes No

C.6.e.iii.1.a, b, c ► Site/Inspection Totals

See Appendix 6-1 for Construction Inspection Details related to C.6.e.iii.1.a-i

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)
1	4	50

C.6.e.iii.1.d ► Construction Activities Storm Water Violations		
BMP Category	Number of Violations ¹	% of Total Violations ²
Erosion Control	8	20%
Run-on and Run-off Control	0	
Sediment Control	22	55%
Active Treatment Systems		
Good Site Management	10	25%
Non Stormwater Management		
Total	40	100%

Notes:

¹Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

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

C.6.e.iii.1.e ► Construction related storm water enforcement actions			
	Enforcement Action (as listed in ERP) ¹	Number Enforcement Actions Taken	% Enforcement Actions Taken ²
Level 1	Verbal Warning	7	32%
Level 2	Notice of Violation or Construction Activity Discharge Compliance Notice	14	64%
Level 3	Stop Work Order and/or Pre-Citation Letter	1	4%
Level 4	Administrative Citation Fines		
Level 5	Referral to City Attorney		
Level 6	Referral to Santa Clara County District Attorney and/or Regional Water Quality Control Board		
Level 7	City Remediation of a Nuisance		
Total		22	100%

Notes:

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

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

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

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)	22	100% ²
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)		
Total number of violations for the reporting year¹	22	100%

Notes:

¹Total 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.

²Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

³Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

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

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
The data this year is misleading because June 2009 through April 2010 the City was operating under the City's URMP standard operating procedures, developed to comply with NPDES urban runoff permit requirements from 2006, which ensured pre- rain season inspections and frequent inspections thereafter. Potential violations were addressed with a verbal warning and remediated within 24 hours or before the next rain event. After April 1, 2010, Cupertino's new Enforcement Response Plan (ERP) procedures required the City to issue a verbal warning for the first offense, a written notice for the second violation of the same type, and a citation with a fine of \$100 for a third violation of the same type. After April 1 st , there were no repeat violations at a given property. The upcoming FY 09-10 rainy season should reveal if the new ERP is effective or needs refinement. This year, the IDDE Inspector called the Public Works Engineering Inspector about several uncovered material storage violations. These residential violations were quickly resolved and there were no repeat violations at any given site. If these residential sites were scheduled to be active in FY 10-11, they would be inspected as high priority sites due to the previous violations. Since April 1, 2010, all violations have been

resolved within ten days, in fact within two business days.

The majority of construction site violations are due to poor sediment control. The Public Works Inspector has always made sure that violations are resolved immediately or before the next rain event. He conducts pre-rain inspections of all one-acre and C.3 regulated project sites. Cupertino does not have many active large construction sites, which makes it easier for the Inspector to conduct frequent visits and ensure timely compliance. The Inspector has had many years of experience with the City and has taken an interest in attending meetings and workshops to become better educated on the new MRP requirements and the new State General Construction Permit requirements. The results of the first complete year of more stringent penalties for violations at construction sites will be reported in the FY 10-11 Annual Report. At that time, the City's Construction Inspection program will be evaluated to determine the impact of the new requirements, focusing on sediment control at construction sites.

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

Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.

On October 12, 2009, the Public Works Engineering Inspector completed a pre-rain/storm field check at each of the four sites disturbing over 1 acre of land and at the one active C.3 regulated project.

The City's Construction Inspection Program is conducted by the City's Public Works Inspector. As a second level of enforcement, five Building Inspectors are trained annually on Stormwater BMPs and use their knowledge during all building permit inspections to ensure that construction at these sites does not contribute to stormwater pollution or erosion. If they notice any potential violations Building Inspectors require the property owner and contractor to comply within 24 hours. During FY 10-11 Building Inspectors logged 10 potential violations. None of the sites monitored had repeat violations during fiscal year 09-10. Since they are busy with building inspections, if a site requires follow-up the next day or if the violation requires additional time to resolve, Building Inspectors will contact the City's IDDE Inspector and he will respond immediately. All violations of this type are resolved within 24 hours. The inspectors log violations and their verbal or written warnings into an Access database, but these inspections are not required to be reported as part of Cupertino's Construction Program. Most of these issues could be considered IDDE incidents, except that in most cases instead of reporting the potential violations for investigation they make sure that the site is in compliance. City staff from four divisions collaborate to enforce construction inspection compliance: Engineering (one Public Works Inspector), Building (five building permit inspectors), Maintenance (one IDDE Inspector) and Code Enforcement (four code enforcement officers). Each of these city employees is trained on the City's stormwater permit requirements, making the collaborative effort strong, efficient, and thorough.

During FY 09-10, the City adopted stringent construction inspection enforcement procedures to make it possible for all inspectors to apply stricter penalties to repeat offenders. The new procedures make it easier to document and refer City Code violations to Code Enforcement for an administrative fine (\$100) after issuing a verbal warning and a written warning. If additional violations occur for the same offense, the monetary penalty can be increased to \$200 for the same violation within a twelve-month period and \$300 for a third violation within twelve months. On March 31, 2010, the Environmental Programs Manager notified the Code Enforcement Division of the City's new Enforcement Response Plans and advised them of a possible increase in citations coming from stormwater violations. Environmental Programs staff met with Code Enforcement staff and the IDDE Inspector on April 12th to ensure that the Enforcement Response Plan procedures would be implemented effectively. Subsequently, due to Code Enforcement's helpful feedback and willingness to take on more of the tasks involved with issuing the citations, the City's Enforcement response plans and newly revised forms underwent a few more changes. Since April 1st the procedures have been tested and

enforcement procedures are more effective than they have been in previous years. The City will evaluate the new Enforcement Plan during the upcoming fiscal year to determine if any further adjustments to these procedures are necessary.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Construction AHTG	11/17/2009	BMP inspections; Excel tracking of construction inspections; and legal authority.	1 PW. Inspector, & Env. Prgm. Mgr,	N/A
Construction Stormwater Management Compliance Workshop", co-sponsored by SCVURPPP and SFEP.	1/19, 2010	SF Estuary Project; the MRP; Water Board Inspection Prog in Santa Clara County; SWPPP State and municipal requirements; Sediment, Erosion Control & Const Site pollution prevention; developing a SWPPP site map and Erosion Control Plan	Public Works Inspector and City's IDDE Inspector	100%
Certified Erosion Sediment Storm Water Inspector (CESSWI) workshop	Winter 2010	Certification covers knowledge of requirements for the US EPA NPDES storm water permit program; proficiency in Site Safety, Communication, Documentation, Inspector Duties, and Plan Management; and a full understanding of Best Mgmt Practices' (BMPs): purpose, objective, targeted pollutants, applications, limitations, implementation considerations, inspection criteria, and maintenance.	PW. Inspector (passed exam and became CESSWI)	100%
Construction AHTG	2/10/2010	Training to identify high priority sites.	Env Prog. Mgr & Public Works Inspector	N/A



Appendix 6-1

Construction Site Controls Inspection Reporting Table

Construction Site Control Inspections FY09-10

#	5	Inspection Date	Inspector	Dist ≥ 1 Acr	Enfrnc	Eros	Run on/off	Sed	Treat mt	Site Mgmt	Non SW Mgmt	Illic Disc hg	Specific Problems or Resolution	10 Days	30 Days
1	Mira Vista Dr	10/10/2009	KR	No	Stop	x		x				x	Mud being dragged all over street from Grad-All moving cribwall components and inlet not protected. Made contractor stop work and clean mud off roadway, storm inlet, and provide inlet protection before work resumed. All cribwall components were onsite so Grad_all no longer needed to drag mud around. Problem resolved while I waited before I would inspect cribwall.	x	
2	Las Palmas	10/12/2009	KR	Yes	Verb			x					Small dirt piles need to be removed or covered		
3	Rosebowl	10/12/2009	KR	Yes	Writ			x		x			Re-rock construction ingress/egress, employ better dust control, have at ready a soil binder, pick up litter		
4	Villa Serra	10/12/2009	KR	Yes	Writ	x		x		x			Remove or Cover dirt pile, Rock storage area driveway, good housekeeping (debris,trash)		
5	Las Palmas	10/14/2009	KR	Yes									Return Inspection, dirt removed	x	
6	Rosebowl	10/14/2009	KR	Yes									Return Inspection, entrance rock retouched and litter removed	x	
7	Villa Serra	10/14/2009	KR	Yes									Return Inspection, storage driveway rocked, dirt removed, trash removed	x	
8	St Judes	10/27/2009	KR	C3	Verb			x					Maintain straw wattles along perimeter		
9	St Judes	10/29/2009	KR	C3									Return Inspection, replaced damaged wattles	x	

Construction Site Control Inspections FY09-10

#	5	Inspection Date	Inspector	Dist ≥ 1 Acr	Enfrc	Eros	Run on/off	Sed	Treat mt	Site Mgmt	Non SW Mgmt	Illic Disc hg	Specific Problems or Resolution	10 Days	30 Days
10	St Judes	11/6/2009	KR	C3	Verb			x					Cover drain inlet nearby new concrete driveway construction		
11	St Judes	11/9/2009	KR	C3									Return Inspection, inlet adequately protected		
12	Felton Wy - Res	11/16/2009	KR	No	Verb			x					Remove gravel in street		
13	Felton Wy - Res	11/18/2009	KR	No									Return Inspection, gravel swept from street		
14	Apple Vallco	11/20/2009	KR	Yes	Writ	x		x		x			Grad-All damaging straw wattles and inlet protection, replace all damaged wattles and inlet fabric, do not park over drainage inlets, have a readily available soil binder onsite, remove litter and debris around site	x	
15	Las Palmas	11/20/2009	KR	Yes											
16	Rosebowl	11/20/2009	KR	Yes	Writ			x					Replace damaged straw wattles along perimeter, remove or cover dirt piles	x	
17	Villa Serra	11/20/2009	KR	Yes	Writ	x		x		x			Replace smashed straw wattles, have a soil binder on-site ready if needed, good housekeeping (trash bags, empty containers, remove dirt piles)	x	
18	Apple Vallco	11/23/2009	KR	Yes									Return Inspection, inlet protection fixed, damaged wattles replaced	x	

Construction Site Control Inspections FY09-10

#	5	Inspection Date	Inspector	Dist ≥ 1 Acr	Enfrc	Eros	Run on/off	Sed	Treat mt	Site Mgmt	Non SW Mgmt	Illic Disc hg	Specific Problems or Resolution	10 Days	30 Days
19	Rosebowl	11/23/2009	KR	Yes									Return Inspection, dirt piles removed, damaged wattles replaced	x	
20	Villa Serra	11/23/2009	KR	Yes									Return Inspection, damaged wattles replaced and litter removed	x	
21	Apple Vallco	12/16/2009	KR	Yes	Writ	x		x		x			Replace torn gravel bags and sweep up loose gravel, replace damaged wattles, keep construction vehicles off inlets, good housekeeping (remove litter and construction debris)		
22	Rosebowl	12/16/2009	KR	Yes	Writ			x					Replace torn gravel bag at entrance drain inlet		
23	Villa Serra	12/16/2009	KR	Yes	Writ	x		x		x			Cover spoils pile off Stelling Rd entrance, replace damaged inlet protection, good housekeeping (trash, debris)		
24	Apple Vallco	12/17/2009	KR	Yes									Return Inspection, litter picked up, damaged wattles replaced, street swept	x	
25	Rosebowl	12/17/2009	KR	Yes									Return Inspection, installed new gravel bag at entrance drain inlet	x	
26	Villa Serra	12/17/2009	KR	Yes									Return Inspection, spoils covered, inlet protection fixed, litter picked up	x	
27	Rose Blossom - Res	1/8/2010	KR	No	Verb			x					Cover drain inlet near new concrete driveway and curb and gutter construction		
28	Las Palmas	1/9/2010	KR	Yes											

Construction Site Control Inspections FY09-10

#	5	Inspection Date	Inspector	Dist ≥ 1 Acr	Enfr	Eros	Run on/off	Sed	Treat mt	Site Mgmt	Non SW Mgmt	Illic Disc hg	Specific Problems or Resolution	10 Days	30 Days
29	Rose Blossom - Res	1/11/2010	KR	No									Return Inspection, inlet protection by straw wattle		
30	Apple Vallco	1/21/2010	KR	Yes	Writ	x		x		x			Maintain all perimeter straw wattle controls, replace damaged gravel bags, maintain stockpile cover on Finch Avenue (use weighted bags to hold down tarp and use wattles for perimeter of pile), good housekeeping (remove construction debris and litter)	x	
31	Las Palmas	1/21/2010	KR	Yes											
32	Villa Serra	1/21/2010	KR	Yes	Writ	x		x		x			Rd and also along Stelling Rd, keep all piles covered and perimeter protected, good housekeeping (remove trash, used		
33	Apple Vallco	1/25/2010	KR	Yes									Return Inspection, fixed stockpile cover, removed trash, replaced damaged wattles	x	
34	Villa Serra	1/25/2010	KR	Yes									Return Inspection, damaged and missing wattles fixed, piles tarped, litter removed	x	
35	Rosebowl	1/27/2010	KR	Yes	Writ			x					Touch up rocked construction entrance with 2-3 inch fractured stone		
36	Rosebowl	1/29/2010	KR	Yes									Return Inspection, installed more fractured stone for ingress/egress		
37	Apple Vallco	2/23/2010	KR	Yes	None								Routine inspection found no problems		

Construction Site Control Inspections FY09-10

#	5	Inspection Date	Inspector	Dist ≥ 1 Acr	Enfrc	Eros	Run on/off	Sed	Treat mt	Site Mgmt	Non SW Mgmt	Illic Disc hg	Specific Problems or Resolution	10 Days	30 Days
38	Las Palmas	2/23/2010	KR	Yes	None										
39	Rosebowl	2/23/2010	KR	Yes	None								Site inactive, routine inspection		
40	Villa Serra	2/23/2010	KR	Yes	Writ			x		x			Replace torn drain inlet fabric, clean out or replace seidment traps, replace damaged wattles, remove trash		
41	Villa Serra	2/26/2010	KR	Yes									Return Inspection, damaged wattles replaced, inlet protection redone, sediment traps cleaned, trash removed	x	
42	Las Palmas	3/24/2010	KR	Yes											
43	Rosebowl	3/24/2010	KR	Yes									Site inactive, routine inspection		
44	Villa Serra	3/24/2010	KR	Yes	Writ			x		x			Cover dirt piles and use wattles along perimeter, replace damaged wattles, remove litter		
45	Villa Serra	3/29/2010	KR	Yes	None								Return Inspection, wattles installed, litter removed, dirt removed	x	
April 1, 2010 Implementation of Enforcement Response Plan (ERP)															
46	Avenida Ln - Res	4/12/2010	MB	No	Verb			x					Uncovered pile of rock in R-O-W, needs to be moved or covered	x	
47	Linda Ann Ct - Res	4/12/2010	MB	No	Verb			x					Uncovered pile of compost in R-O-W blocking gutter flow, needs to be moved and covered	x	

Construction Site Control Inspections FY09-10

#	5	Inspection Date	Inspector	Dist ≥ 1 Acr	Enfrc	Eros	Run on/off	Sed	Treat mt	Site Mgmt	Non SW Mgmt	Illic Disc hg	Specific Problems or Resolution	10 Days	30 Days
48	Rosebowl	4/15/2010	KR	Yes									Site inactive, routine inspection, end of rainy season		
49	Villa Serra	6/4/2010	MB	Yes	Writ			x					Install drainage inlet filter fabric and replace torn fabric for fire flush testing at various inlets onsite		
50	Villa Serra	6/7/2010	MB	Yes									Return Inspection, inlets covered with new fabric	x	



FY 09 – 10 Annual Report

Section 7

Provision C.7. Public Information and Outreach

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 09-10: These reports are included within the C.7 Public Information and Outreach section of Program's FY 09-10 Annual Report.

Highlights of the Program's accomplishments of FY 09-10 PI/P projects and ongoing projects from previous years are described in the sections below according to permit requirements.

The following separate reports developed by SCVURPPP summarize countywide advertising efforts conducted during FY 09-10:

- FY 09-10 Watershed Watch Campaign Annual Campaign Report
- FY 09-10 Watershed Watch Partner Report
- FY 09-10 Watershed Watch Web Statistics Report

These reports are included within the C.7 Public Information and Outreach section of Program's FY 09-10 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

Program Campaigns are as follows:

- Litter/TV – Litter Advertising
- Litter messages "Litter is Water Pollution"
- Car Wash Radio and Web Ads
- Green Gardener Class Radio Ad - Green Gardener Classes –Cupertino advertised the Green Gardener Classes on the city's website, and the Cupertino Scene articles.

- Web/Online Ads
- Facebook-Fan-Web Ads
- Watershed Watch Discount Cards
- Pool Brochure – Cupertino included on City website
- Car Wash Brochure – Cupertino included on City website
- 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

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

The City participates in 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.

As part of the City's Household Hazardous Waste (HHW) campaign, a HHW display was available for viewing from 8/3/09 – 8/31/09 at Cupertino's Quinlan Community Center, prior to Cupertino's annual 8/29/09 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.

During the month of April 2010, as part of the City's Pesticide & Watershed Pollution Campaign, a display that also included mercury disposal was available for viewing at Quinlan Community Center .

As part of the City's Auto Pollution Campaign, an Auto Pollution display was available for viewing from 10/5/09 – 11/2/09 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 impact of copper pollution from brake pads.

Water District's Stream Care Guide and new Creekwise Guide for creek-side property owners are available from Environmental Programs at Planning counter for residents. Staff developed outreach material on minimizing use of pyrethroids for creekside property owners and landscapers during FY 09-10. Information was provided through flyers and through the Cupertino Scene.

C.7.b.iii.1 ► Pre-Campaign Survey

(For the FY 10-11 Annual Report only) 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:

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

C.7.c ► Media Relations

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

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

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 09-10:

- BASMAA Media Relations Final Report

This report is included within the C.7 Public Information and Outreach section of Program's FY 09-10 Annual Report..

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

- Save the Bay PSA – 5 times weekly (average)
- Santa Clara County Watershed PSA – 5 times weekly (average)
- Give an Experience PSA – 5 times weekly (between Thanksgiving and New Years only)

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

Liquid Assets: The Story of Our Water Infrastructure - (90-minute documentary aired approximately 25 times between May 2009 and April 2010)
 Cupertino Earth Day 2010 Highlights - (Half-hour program has been airing approximately once a week since May 2010 – includes many interviews with presenters)

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. As opportunities are available, place ads in or submit articles to the *San Jose Mercury News*.

Cupertino Scene articles:

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

- 7/09: Grasscycling, Household Hazardous Waste Event, Safe Needle and Syringe Disposal, Best Ways to Spare the Air, Stopping Global Warming Starts at Home (CFLs, water/energy conservation), Water – Report Suspicious Flows or Pollution discharges, Why Choose Reusable Bags, Need to Drain your Pool?, Watershed Watch- Keep your wash-water out of storm drain, Fix fluid leaks immediately, Change your Oil on time, Is your Gardener a Green Gardener?,
- 09/09: Mercury Thermometer Exchange, Coastal Cleanup Event at Creekside Park and Calabazas Creek, Environmental Day-(Drop-off Event for E-waste, U-waste, etc.), Recycling Compact Fluorescent Light Bulbs, Disposing of used Cooking Oil Recycling, Pesticides and Water Pollution, Backyard Compost workshops,
- 10/09: Pesticides and Water Quality, Copper in Brake Pads, Water Conservation, , Environmental Day-(Drop-off Event for E-waste, U-waste, etc.), Last Chance for Compost, Free Compost Classes, Compost Teachers Needed, Needle and Syringe New Drop off Locations
- 11/09: America Recycles Day-Almost everything can be Recycled, Reusable Shopping Bags, Switch From Wood to Gas, Wood Burning Tips, Get Your Business Certified "Green", Disposing of Used Cooking Oil,
- 12/09: Auto Pollution During Rainy Season, Dispose of Old Computers, Wood Burning Tips, Recycling during the Holidays, Junk Mail Kits, Extra Holiday Trash, Reduce Waste - Give An Experience
- 1/10: Spring Backyard Compost Workshops
- 2/10: How do Cars Contribute to Bay Pollution, Winter Spare the Air, Get Your Cupertino Business Certified "Green", Workshops to Build a Sustainable Garden – Bay Friendly, Dispose of Household Hazardous Waste Conveniently and Free?,
- 3/10: Make a change to compact Fluorescent Light bulbs, Cupertino's electronic & shred Event, Pest Control Info Available, Help Cupertino Grow Green for the Better Good, River Creek Cleanup Event, Free Car Wash Fundraiser Kit, Backyard Composting Classes, Compost Bulk Pickup, Car Washing fundraising Event, The Green @ Home Training Program
- 4/10: Create a Green & Sustainable Garden and Learn to Compost too, Cupertino Earth Day Event, Pest Management, Creek Cleanup Event, Compost Classes, Free Compost Bulk Pickup, think Green, Make A Difference, What's the connection between taking a shower, flushing a

toilet and your southern Bay shoreline?, Shred It & Mercury Exchange Event

- 5/10: Musical Greeting Cards – Do I Recycle it?, Washing Your Car Tips, Keep Out Storm Drains and Waterways Clean, Household Hazardous Waste Disposal, Safe Needle and Syringe Disposal – Drop off Locations, Bring Your Own Reusable Bags When Shopping, Spring Cleaning Garbage Info, River Creek Clean Up Event,
- 6/10: Is Your Gardener a Green Gardener?, Help protect Cupertino's Creeks and Bay – Illegal Dumping/Discharges In or Near Storm Drains, Spring Into Action Exercise Caution When Choosing Pesticides , Best Ways to Spare the Air, Prescription Drop Off Locations

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:

Article on the countywide Household Hazardous Waste Program Cupertino Drop-off Event on (8/5/09 8/12/09)

Thermometer Exchange (9/10/08)

River Community Calabazas Creek cleanup at Creekside Park (4/10 & 5/10))

Coastal Community Calabazas Creek cleanup at Creekside Park (9/16/09))

City of Cupertino's Compost Program & Compost Classes (9/16/09))

Citywide Recycling – Environmental/Recycling Day (9/30/09)

City sponsored Environmental Day (including E-waste, U-waste & Shred Confidential Documents (9/30/09)

City compost site to reopen (3/17/10)

City Hosting E-Waste & Shred It Event (3/17/10)

Cupertino Courier ads:

Household hazardous waste event ads before the August '09 HHW event (8/12/09,8/19/09, 8/26/09)

City of Cupertino's Compost Program & Compost Classes (9/16/09)

Free Backyard Compost Workshops (9/23/09, 9/30/09, 10/14/09, 10/21/09)

Cupertino Environmental Recycling Day (10/7/09, 10/14/09)

Properly dispose of Your Used Home-Generated Sharps at an Approved Location (2/10/10)

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 (2/3/10, 2/10/10, 2/17/010, 2/24/10, 3/3/10, 3/10/10, 3/17/10, 3/24/10)

National River Cleanup Day with Cupertino locations (5/12/10)

Computer and Television Recycling for Cupertino residents (2/3/10, 3/3/10)

Free Compost (3/24/10, 4/16/10)

Bay Friendly Gardening Workshops (4/16/10)

Give an Experience (reduce holiday waste/litter) (12/9/09)

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. (8/11/09)

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

An email was sent to employees on 10/22/09 informing them of the importance of battery recycling and listed locations of battery recycling containers at City Hall, Quinlan, Senior Center, and Service Center.

C.7.d ► Stormwater Point of Contact

(For FY 09-10 Annual Report only, unless changes made) Provide details of website or phone number used as the point of contact. Report on how the point of contact is publicized and maintained. If any change occurs in this contact, report in a subsequent Annual Report.

Contact Summary:
The City's Environmental Services Program Division can be reached by contacting 408 777-3354, which is the main line for the City's Public Works Department. This phone number is advertised on the City's website and on all outreach material. Individual agency points of contact are publicized on Program outreach materials and website and the point of contacts are maintained by the Program and their authorized agents.

The City's Environmental Programs Division web pages are updated with new information on an ongoing basis.
City of Cupertino's Website www.cupertino.org. Environmental Programs Division pages www.cupertino.org/environmental. Changes are made by the City's Web Specialist, Nidhi Mathur (408) 777-3377 or the Environmental Programs Assistant, Lauren Tacke (408) 777-3241.

C.7.e ► Public Outreach Events

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.
Use the following table for reporting and evaluating public outreach events
Program staff, the Watershed Watch consultant, and Co-permittees staffed ten outreach events in FY 09-10. Events were selected based upon target audience and attendance. Materials distributed at the events included the following: Less Toxic Pest Management fact sheets, "10 Most Wanted Backyard Bugs" brochures, "Don't Plant a Pest" brochure, "You are the Solution to Water Pollution" brochures, "Clean Cars & Clean Creeks" brochure, and giveaways (e.g. flyswatters, OWOW magnets, notepads, and temporary tattoos). The flyswatters have the Watershed Watch website and hotline number and the words "The Original Earth-Friendly Pest Control" printed on them. The beanbag game for children was used at most of the events. Event staff distributed more than 5,000 outreach materials and giveaways.

Cupertino Events & Participation:

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscope presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted

<p>Name: Cupertino's Fall Festival Date: 9/19/09 & 9/20/09 Location: Cupertino City Hall, 10300 Torre Avenue, Cupertino Region: Local</p>	<p>Type of Event: Community Fair and Mercury Thermometer Exchange 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 watch the Enviroscape demonstration and collect giveaways.. This is a good event for educating families with children. Estimated Overall Event Attendance: 10,000 visitors 200 visitors at the City's table Number of Brochures Distributed: 688 Mercury thermometers exchanged for non-mercury thermometers : 50</p>
<p>Name: Annual Wildlife Education Day (Audubon Fair) Date: 10/24/09 Location: McClellan Ranch, Region: Local</p>	<p>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.</p>	<p>General Feed Back: The event was very well attended. This is a good event for educating families with children. Estimated Overall Event Attendance: 500 visitors at the City's table .</p>
<p>Name: Santa Clara County Creeks Coalition Conference Date: November 11, 2009 Location: Cupertino Region: Countywide (City staff attended the event)</p>	<p>Type of Event: Conference on urban stream restoration Audience: Professionals Message: Stormwater pollution prevention Cupertino staff provided outreach materials and meeting space.</p>	<p>General Feed Back: Good attendance at booth Estimated Overall Event Attendance: N/A Number of Brochures Distributed: 184</p>
<p>Name: Cupertino's 2nd Annual Earth Day Film and Fun Festival Date: 4/17/10 Location: Cupertino City Hall, 10300 Torre Avenue, Cupertino Region: Local</p>	<p>Type of Event: Community Earth Day Event Audience: Families with children Message: Message: Stormwater pollution prevention, less-toxic pest control, proper disposal of household hazardous waste (HHW) and Solid Waste Resource Reduction and Recycling</p>	<p>General Feed Back: Well attended event. Many attendees stopped at the booth to watch the Enviroscape demonstration and collect giveaways. This is a good event for educating families with children. Estimated Overall Event Attendance: 600 visitors Number of Brochures Distributed: 650 flyers 25 Mercury thermometers exchanged</p>
<p>Name: Spring in Guadalupe Gardens Date: April 24, 2010 Location: Guadalupe River Park Region: Countywide (City staff worked event)</p>	<p>Type of Event: Community fair, plant sale. Audience: Families with children, homeowners and gardeners Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.</p>	<p>General Feed Back: Good attendance at booth. Most people were looking for specific pest control information. The bean bag toss game was used. Estimated Overall Event Attendance: 4,500 Number of Brochures Distributed: 423 Number of Giveaways Distributed: 797</p>
<p>Name: Watershed Watch Car Wash Event Date: May 19, 2010 Location: Delta Queen Classic Car Wash, 981 E Hamilton Ave,</p>	<p>Type of Event: Car Wash Audience: Car wash customers Message: Stormwater pollution prevention, proper car washing.</p>	<p>General Feed Back: Due to a rainy day forecast, attendance was low at this event. Estimated Overall Event Attendance: 45 Number of Brochures Distributed: 34 Number of Watershed Watch Discount Cards : 49</p>

Region: Countywide (City staff worked event)		
Name: Cupertino's Environmental Recycling Day Date:10/17/09, 1/23/10, 3/20/10 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: 1,068 Number of Brochures Distributed: 0
Outreach Events Reporting Table – see the Program's annual Report Section C.7.e for Programwide activities.		

C.7.f. ► Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

During FY 09-10, the Program actively supported the Santa Clara Basin Watershed Initiative (SCBWTI), including the Core Group, the Land Use Subgroup, and the Trash Subgroup (now the Santa Clara Valley Zero Litter Initiative); the Bay Area Macro invertebrate Bio-Assessment Information Network (BAMBI); and the Stevens & Permanente Creeks Watershed Council. Information on these efforts is included within the C.7 Public Information and Outreach section of the Program's FY 09-10 Annual Report.

Summary:
Cheri Donnelly, 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, potential City bans, single use plastic bags and potential city bans, and Bay Friendly gardening activities. Ms. Donnelly is also an active member of the Santa Clara county Zero Waste committee, and the RWRC TAC HHW Subcommittee, and the Santa Clara Valley *Urban Runoff* Pollution Prevention Program Management Committee.

Lauren Tacke, 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
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Number of inlets marked. • Data trends
Name: National Coastal Creek Cleanup Day Date: 9/19/09 Location: Calabazas Creed @ Creekside Park Region: Local	Type of Event: Citizen Creek Clean Up Event 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.	General Feed Back: Overwhelming high attendance, and successful event. Estimated Overall Event Attendance: 104 Number of Brochures Distributed: 0 Distance of creek cleaned : 2.5 miles Removed approximately 195 pounds of trash and 80 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.
Name: Cub Scout Pack 492 Wolfe Den Park Clean Up Date: 10/25/09 Location: Memorial Park, Cupertino Focus: Local	Type of Event: Citizen Park Clean up event of trash and litter	General Feed Back: Good attendance Estimated Overall Event Attendance: 8 7 year olds and 8 adults Number of Brochures Distributed: 0
Name: De Anza College Students Creek Clean Up and Education Training on Litter Date: 3/5/10 Location: Stevens Creek Under Hwy 280 ,	Type of Event: Citizen Creek Clean Up and Educational Presentation Coordinated an upper bank Creek Clean Up	General Feed Back: Good attendance Estimated Overall Event Attendance: 20 College Age Students

<p>Cupertino Focus: Local</p>	<p>and interview with De Anza students @ Stevens Creek under Hwy 280.</p>	<p>Distance of Creek Cleaned: 500 ft 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: Creekwise Workshop Date: March 20 Location: Santa Clara Valley Water District Region: Countywide</p>	<p>Type of Event: Creekwise Workshop provided by the Santa Clara Valley Water District Learn how to protect your watershed, conserve water on your property, minimize urban runoff pollution and be a good neighbor to the creek adjacent to your property.</p>	<p>Number of Attendees: Two Cupertino Residents participated in this workshop</p>
<p>Name: Stanford Church Group Creek Clean Date: 5/8/10 Location: Stevens Creek Under Hwy 280 , Cupertino Focus: Local</p>	<p>Type of Event: Creek Clean Up@ Stevens & Heney Creek. This event was in coordination with the City of Los Altos, which their site is adjacent to Cupertino's Hot Spot.</p>	<p>General Feed Back: Successful Event Estimated Overall Event Attendance: 20 Number of Brochures Distributed: 0 Distance of creek cleaned : 2.5 miles</p>
<p>Name: Bike to Work Day Date: May 13, 2010 Location: throughout Cupertino Region: Santa Clara County/Local</p>	<p>Type of Event: Bike to Work Day (BTWD) is an event to improve air quality, reducing petroleum and consumption event. Audience: BTWD for Santa Clara County. The City promoted the purchase of new bikes (electric and traditional bikes) and bicycle safety training for employees at this event.</p>	<p>General Feed Back: Good attendance in Cupertino Estimated Overall Event Attendance: 236 Number of Brochures Distributed: 0</p>
<p>Name: National River Creek Cleanup Day Date: 5/15/10 Location: Calabazas Creek @ Creekside Park Focus: Local</p>	<p>Type of Event: Citizen Clean Up Event Message: Host annual creek clean-up for local residents to encourage protection of watersheds. Teach volunteers to conduct trash tallying and monitoring, to categorize and quantify types of trash and likely sources.</p>	<p>General Feed Back: Good attendance, and successful event. Estimated Distance of creek cleaned : 2.0 miles Overall Event Attendance: 54 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.</p>

		<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: Bay Friendly Gardening to Manage Pests Naturally Date:6/12/10 Location: Quinlan Community Center 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. Name: Bay Friendly Gardening classes and Home Composting classes were also held throughout the County and available to Cupertino resident throughout FY 09/10. Date: Ongoing Location: Countywide Focus: Countywide	General Feed Back: The class was cancelled due to low registration signup. The City has established a new approach for Public Outreach classes for 2010, and is evaluating the type of classes, time of year and outreach tools to successful hold Public Outreach classes. A number of classes have been scheduled in 2010 in the City of Cupertino.
Name: Car Wash Kit Participation Date: March, 17, 2010 & June 26, 2010 Location: Cupertino Focus: Local	The City provided a carwash kit to two Cupertino residents/organizations for fundraiser. 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: The fundraising events using the City's Car Wash Kit were successful.
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 at Cupertino parks and at McClellan Ranch.	General Feed Back: The Helping Hands Volunteer Projects have been very successful and extremely helpful to the City of Cupertino. Estimated Overall FY 09/10 Attendance: 60 high school students

Citizen Involvement Events – see the Program's annual Report Section C.7.g for Program-wide activities		
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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.

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

The following separate reports developed by SCVURPPP and other organizations also include information about school-age children outreach efforts conducted during FY 09-10:

- ZunZun School Assemblies for Watershed Watch Campaign- FY 09-10 Academic Year Final Report
- Memorandum- Evaluation of the School Assembly Program- FY 09-10
- Watershed Watchers: Keeping Our Waterways Clean: FY 09-10 Fourth Quarter Report (includes end-of-year Summary from Alviso Education Center)

These reports are included as within the C.7 Public Information and Outreach section of Program's FY 09-10 Annual Report."

Local School Outreach Efforts

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
Name: Monte Vista High School Biology Field Trip Location: Blackberry Farm Grade Level: High School 9 th	The City's Park and Recreation staff/ Naturalist assists the students of Monte Vista High School to regularly perform water quality monitoring and research	0 No field trips were conducted this year because the usual	This program is typically conducted annually and is very popular with both teachers and students. (Any need to that this events will be reinstated)

	in Stevens Creek (the City's principal creek, 2 blocks from the high school).	site was closed for a creek & park restoration project.	
Name: De Anza College Environmental Studies Field Trips Grade Level: College Location: McClellan Ranch	Four 1 ½ hour presentations were made to students in ES1 & ES52 classes regarding Stevens Creek Watershed. Discussion of the effects of non-permeable surfaces, non-point source pollution, and storm water discharge into creeks was included as part of general discussion of watershed concepts.	110	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.
Name: Volunteer Projects Grade Level: Elementary & Middle School (4 th – 8 th) Location: McClellan Ranch	Students pick up trash along creek and nearby streets	40	General Feed Back: Effective in cleaning up creek as well as raising awareness of trash problems in community.
Name: Creek Education Program Grade Level: Elementary 3 rd Location: Schools & McClellan Ranch	Creek Education project available to all 3rd grade teachers, including combo teachers and shared position teachers in the Cupertino Union School District: about 100 classes (half are in Cupertino; remaining schools in cities of San Jose, Sunnyvale, Santa Clara, Saratoga, Los Altos) participated this year. Teachers are trained to teach the creek ed. unit to their own classes, and co-lead creek field trip for their students; City's Park & Rec naturalist and the Cupertino's Creek Ed Coordinator prepare the teachers. City provides two docents for creek tours. 3-hr training workshops for teachers; 2-wk curriculum for students taught by teachers, w/ half-day creek field trip.	2,215	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, 09-10, we had approximately 1,767 students, 102 teachers, and 346 parent volunteers participate in our program.

<p>Name: 4H Entomology Project Grade Level: Elementary -1st – 4th Location: McClellan Ranch</p>	<p>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.</p>	<p>15</p>	<p>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>
<p>Name: Insect and pesticide alternatives information 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>This appears to be a duplicate entry: see next item</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 Creek Cleanup Grade: High School Location: Calabazas Creek @ Creekside Park</p>	<p>2 City Staff worked with 8 high school students to clean approximately 200ft of Calabazas Creek. Education was provided on the importance of maintaining clean creeks and instructions were provided on how to perform an RTA.</p>	<p>8</p>	<p>General Feed Back: Program was effective in raising awareness of trash issues and the importance of keeping creeks clean.</p>
<p>Name: Monte Vista High School Interview Grade: High School</p>	<p>Environmental Program Manager met with three high school students to provide an interview for their project about current environmental</p>	<p>3</p>	<p>General Feed Back: Interview was effective in providing information on creek and watershed issues to high school students that would in return take the information back to</p>

Location: Cupertino City Hall	concerns. Topics discussed included: litter in creeks, pesticides, negative impact of sediment and erosion, impervious surface and C.3 requirements.		their classmates.
Name: Monte Vista High School Interview Grade: Children & Adults Location: Calabazas Creek at Creekside Park	Two creek cleanup events were held this year. The National Coastal Cleanup Event and the National River Cleanup Event. Both events had over 80 volunteers that ranged in age from elementary school to adult. Trash and recyclables were collected from Calabazas Creek and adjacent areas at both events.	160	General Feed Back: These cleanup events are effective in removing litter from the creek as well as educating the public on the importance of maintaining clean creeks.
Name: Cupertino Earth Day Event Location: Cupertino City Hall Grade: Children & Adults	Cupertino Environmental Programs staff set up tables at the City's Earth Day Event that included information on environmental issues, city services and programs. The display included continuous presentations with the Enviroscope, bringing the watershed and urban runoff to life in an interactive exercise. The presentations included an introduction to the watershed, urban runoff, and how everything in the street or storm drain has a direct flow path to the creeks and Bay.	150	General Feed Back: The information provided, especially through the Enviroscope presentations, was effective in educating the public on watershed issues such as litter, pesticides, oil, and other sources of urban runoff.
Name: Cub Scout Pack 492 Wolfe Den Park Clean Up Date: 2/5/10 Location: Memorial Park, Cupertino Grade or level: elementary,	Add description?	15	General Feed Back: Good attendance Estimated Overall Event Attendance: 7 scouts and 8 adults
Name: Christa McAuliffe School Date: Throughout FY 09/10 Location: 12211 Titus Ave,	Cupertino assisted Christa McAuliffe School with providing technical staff support with a Waste Audit, recycling		General Feed Back: Students are learning the importance of disposing of their trash via the proper receptacles which deters them from

<p>Saratoga (Cupertino Union School district) Grade Level : K - 8</p>	<p>containers, & labels to assist with the school's recycling efforts.</p>		<p>littering.</p>
<p>Name: Collins Elementary School Date: Throughout FY 09/10 Location: 10300 N. Blaney, Cupertino Grade Level : Elementary</p>	<p>Cupertino assisted Collins Elementary School with providing technical staff support, recycling containers, & labels to assist with the school's recycling efforts.</p>		<p>General Feed Back: Students are learning the importance of disposing of their trash via the proper receptacles which deters them from littering.</p>
<p>Name : ZunZun Musical Assembly Grade or level: Elementary</p>	<p>Interactive, musical school assemblies educating K-6 children about watersheds and pollution prevention.</p>	<p>14,161 students</p>	<p>General Feed Back: ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 130 completed evaluation cards from teachers. 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"> • Twenty-two teachers indicated that after the performance, 50% of their students knew what a watershed is; 51 teachers indicated that 75% of their students knew what a watershed is and 28 teachers indicated that 100% of their students knew what a watershed is. • Eight teachers indicated that after the performance, 50% of their students could name a way to prevent pollution in the watershed; 38 teachers indicated that 75% of their students could name a way to prevent pollution in the watershed; and 78 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: 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 Everywhere.</p>	<p>80 pre-kindergarteners, 1,359 elementary school students, 33 middle school students, and 199 high school students</p>	<p>Visitor Surveys are used to determine visitor demographics, effectiveness of publicity, and the effectiveness of the Watershed Watchers Program. In addition, an "Urban Runoff Bead Drop" display is used to record actions (e.g., pick up litter, spread the word, take car to car wash) that children promise to do to help keep storm drains clean. Results of both these evaluation mechanisms are summarized in the Watershed Watchers Fourth Quarter Report included in the Program Annual Report Appendix 7-5.</p>
<p>Name: City Response from letters and Interviews from Middle School & High School Students Grade Level: Middle & High School</p>	<p>City responded to the following letters and interviews from Middle & High School Students: <u>Letters</u> 3/13/10 -2 Monte Vista High School students - requesting the City to install a trash can to eliminate litter around the high school. 1/20/10 - 3 Monte Vista High School students- Request for legislation in City of Cupertino to reduce plastic bag litter. 3/19/10 - 5 Monte Vista High School students- requesting concern for health and safety of local creeks, the Bay and the ocean 3/12/10 – 2 Monte Vista High School students - Proposal for "Green Education" utilizing Fremont and Cupertino Union School Districts specifically, plastic litter in the ocean education. <u>Interviews</u> 2/5/10 Interview by 7 Cupertino High School students at Calabazas Creek.</p>		

	<p>Students asked questions regarding the City's efforts in creating solutions to stormwater pollution, particularly litter issues, global warming, public education/outreach, recycling and reuse. The interview location at a Cupertino Creek allowed for students to see the impacts that our actions have on our waterways and solutions for both the City and residents to take were discussed.</p> <p>2/8/10 Attended meeting to support Lawson Middle School students in their project on native plants for the community. Lawson Middle School students are working on a native plant program for our community</p> <p>3/5/10 Interview with 3 De Anza College students at Stevens & Heney Creek. 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 to individuals of all ages and the role of the City and the region in creating solutions to litter, as a major source of pollution.</p> <p>5/10/10 Interview with Lawson Middle School students regarding water pollution in China.</p>		<p>General Feed Back: Students and staff cleaned approximately 500 ft. of the creek banks and surrounding area.</p>
<p>School-Age children Outreach Events– see the Program's annual Report Section C.7.h for Programwide activities</p>			



FY 09 - 10 Annual Report

Section 8

Provision C.8 Water Quality Monitoring

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.

During FY 09-10, the City of Cupertino contributed to the SCVURPPP Monitoring and Assessment Program, which conducts water quality monitoring in Santa Clara Valley creeks and rivers in coordination with the BASMAA Regional Monitoring Coalition (RMC). In addition, the City contributes financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and, through SCVURPPP, actively participates in RMP committees and work groups. For additional information on monitoring activities conducted by SCVURPPP, BASMAA RMC, and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 09-10 Annual Report.

Local Water Monitoring by Volunteers

Cupertino water monitoring activities, conducted by volunteers, encouraging public participation, are coordinated and managed by the Stevens Creek Permanente Watershed Council. Below is an example of an email "call for volunteers" that the SCPWC sends to members:

Members meet at the City's McClellan Ranch Parking Lot on Sunday, July 12, 2009 at 9:00 AM for the monthly water quality monitoring event. There, and at eight other sites along Stevens and Permanente Creeks, we will be measuring dissolved oxygen, temperature, turbidity, pH and so forth. Additionally, we will collect small samples of water which De Anza students will later analyze for the presence of coliform bacteria.

It should be a beautiful day and we hope you will come help collect this important data needed to track the health of the creek. You are welcome to join us at all or part of the sites. STEVENS & PERMANENTE CREEKS WATERSHED COUNCIL (SPCWC), PROGRAMS DIRECTOR,
PROGRAMS@SPCWC.ORG

Investigation of Sources of Pyrethroid Pesticides in Stevens Creek & Resulting Public Outreach

SCVURPPP staff and Cupertino's IDDE Inspector and Environmental Programs staff met with SPCWC's Executive Director at Cupertino City Hall on July 17, 2009 to discuss dry weather flows into Stevens Creek and the possible sources of pyrethroid pesticides in the creek. (See Program's September 15, 2009 report : "*Investigative Monitoring Project: Potential Sources and Causes of Toxicity in Stevens Creek, Santa Clara County, California*" at http://www.scvurppp-w2k.com/mon_wp.shtml) The group reviewed the City's storm drain maps and conducted a field investigation. Environmental Programs staff followed-up by creating a flyer to educate residents in the areas upstream of this section of Stevens Creek about the dangers of using bifenthrin for ant control. The flyer was sent to one gated neighborhood with the understanding that it would be shared with residents at a homeowners' meeting or included in the neighborhood newsletter. City staff also brought the flyer to community environmental events in FY 09-10. Staff have not received any feedback from the gated neighborhood, but residents that attended City events were very interested in using less toxic measures for ant control.



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Section 9

Provision C.9 Pesticides Toxicity Controls

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a ▶ Adopt an Integrated Pest Management (IPM) Policy or Ordinance

(For FY 09-10 Annual Report only) Attach a copy of your individual IPM ordinance or policy. Attached Not attached, explain below

The City's IPM Council Resolution, IPM policy and pest specific IPM plans are attached at the end of this C.9 report section.

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 organophosphorous pesticides, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.

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

Active Ingredient	Target Pest	On SF list	Locations	FY 06-07	FY 07-08	FY 08-09	FY 09-10
Bayleton	Fungus	Yes	Greens	0	0	15.3lbs	0
Chlorothalonil	Fungus	Yes	Golf	19.2	0	0	0
Cyfluthrin:	Ants	Yes	Facilities	1.5	0	0	0
Dicomba	Weeds	Yes	Golf	0	21.8	0	0
Fipronil*:	Ants	Yes	Facilities	4 oz.	4 oz.	0.16 oz.	1.6 oz.
Flutonill	Fungus	Yes	Golf	2.10	0	0	0
Fluridone	Weeds	Yes	Golf	0	0.5	0	0
Glyphosate (Roundup)	Weeds	Yes	Various	60.97	71.25	140.21	179.95 lbs
Halosulfuron-methyl	Weeds	No	Golf	0.003	0	0	0
Ipridione	Fungus	Yes	Golf	12.29	7.2	0	0
Isoxaben	Weeds	No	Medians	13.26	10.5	0	92.92 lbs.
Oryzalin (Surflan)	Weeds	No	Medians	65.42	57.84	36.74	135.27 lbs.
Oxydiazon	Weeds	No	Medians	0	0	2.6	0
PCNB for Snow Mold	Snow Mold	No	Golf	0	15	9	0
Pendimethalin	Weeds	Yes	Parks	10.8	24.7	116.62	18.47 lbs.
Penoxsulam	Weeds	Yes	Golf	0	0	.080	0
Propicon Azole	Fungus	Yes	Golf	0.71	0	0	0
Triadimefon	Fungus	No	Golf	0.76	0	0	0

Active Ingredient	Target Pest	On SF list	Locations	FY 06-07	FY 07-08	FY 08-09	FY 09-10
Triclopr	Weeds	Yes	Parks	3	6.0	4.0	5.0
Trifluralin	Weeds	No	Parks	0	.15	0	0

City maintenance staff did not use any organophosphorous pesticides on grounds or medians during FY09-10.

Termidor, which contains the active ingredient fipronil, is used sparingly and only as needed by the City's facilities pest control contractor to control ants in City buildings. Although Termidor does not appear on the SF Reduced Risk Pesticide List, fipronil is present in other approved products, in small concentrations. The only application of Termidor (a total of 1.6 ounces) in FY 09-10 occurred in October 2009. The City's on-call facilities pest-control contractor was called 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 is not sprayed, but is directly applied to foundations, away from impervious surfaces. In this case, the application areas are 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. The 1.6 ounces of fipronil used by the contractor in FY 09-10 was an increase over use in FY 08-09 (0.16 ounces), which was less than the amount used in FY 07-08 (4 ounces). The contractor has found no other effective alternatives to Termidor to control the larger ant infestations, but has been able to avoid any broadcast spraying. In FY10-11 the City's pest contractor expects to use only **EcoSmart products and will test for an effective replacement to Termidor for ant control in public buildings.

** EcoSMART Ant and Roach Killer contains the following active Ingredients: Rosemary Oil (5.00%); Cinnamon Oil (3.00%); and other Ingredients*(92.00%). Other ingredients include *Water, Wintergreen Oil, Mineral Oil, Oleic Acid, Canola Oil, Carbon Dioxide, Vanillin, Lecithin

The Grounds Maintenance Division Supervisor reported that because FY 09-10 was an unusually wet year, his crews used greater amounts of glyphosate, oryzalin and isoxaben on medians and in parks than in previous years. There were storms starting in October and lasting well into April. The Streets Dept. used more oryzalin in FY 09-10, as they had tried pendimethalin last year and it did not work well. However, from FY 08-09 to FY 09-10, the amount of pendimethalin used was reduced by 98.15 lbs to 18.47 pounds.

The Grounds Maintenance Department mixes isoxaben with oryzalin as a pre-emergent. The City's Pest Control Advisor selected this mixture as a pre-emergent 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, when combined, cover a very broad spectrum of weeds therefore requiring a smaller amount of glyphosate than would otherwise have been needed.

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.	16		
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	16		
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 June 10, 2010, 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, the City's Public Works supervisor for facilities, staff from the City's McClellan Ranch property, the pest control contractor for the City's facilities and the City's Golf Course Maintenance Superintendent. In this training meeting, Environmental Programs staff briefed attendees on the requirements and the City's implementation of the MRP. 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 38 pest specific plans was updated as the group considered options for the upcoming year. 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. All applicators and other staff (32 maintenance workers and City pesticide applicators) received the appropriate County Ag and Dept. of Pesticide Regulation required annual training on January 11, 2010. Of the thirty-two trained, only sixteen employees applied any type of pesticides in FY 09-10 on City property.</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 checked="" 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 type="checkbox"/>	Equivalent documentation.		
<p>The City's contract specifications for the City's Golf Course Maintenance Superintendent are attached at the end of this C9 report section, following the City's IPM policy and specific IPM plans. In addition to following the City's contract specifications, the Golf Course Maintenance Superintendent meets annually with Environmental Programs Mgr. to review the City's IPM policy and specific IPM plans related to golf course maintenance.</p> <p>The City uses an on-call pest control contractor for facilities. The facilities contractor works under the supervision of the City's Public Works Facilities Supervisor. Since the work is on-call and done through a purchase order, the City does not have contract specifications for his work. However, he is trained along with City staff on the City's IPM policy and is required to coordinate with City's Public Works Facilities Supervisor to find the least toxic means of pest control to resolve the City's pest problems. The City's on-call pest control contractor for City facilities attended the staff IPM training meeting on June 10, 2010.</p>			

C.9.e ▶ Track and Participate in Relevant Regulatory Processes	
Summarize participation efforts, information submitted, and how regulatory actions were affected or reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.	
During FY 09-10, 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 Program's FY 09-10 Annual Report.	
C.9.f ▶ Interface with County Agricultural Commissioners	
Provide a summary of improper pesticide usage reported to County Agricultural Commissioners and follow-up actions to correct violations, if any. A separate report can be attached as your summary.	
There was no improper usage of pesticide on City property in FY 09-10 and the City does not allow this. There were no reports of improper use of pesticides within the City during FY 09-10. City employees and contractors adhere to the City's IPM policy and pest specific plans.	
C.9.h.ii ▶ Public Outreach: Point of Purchase	
Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); or reference a report of a regional effort for public outreach in which your agency participates.	
<p>The following separate reports developed by SCVURPPP and BASMAA summarize point of purchase outreach efforts conducted during FY 09-10:</p> <ul style="list-style-type: none"> • FY 09-10 Store Employee Training Report (SCVURPPP) • FY 09-10 Store Employee Training Evaluation Summary (SCVURPPP) • FY 09-10 Store Employee Training Status Table (SCVURPPP) • FY 09-10 List of Stores in the IPM Store Partnership Program (SCVURPPP) • FY 09-10 BASMAA "Our Water, Our World" (OWOW) Report (BASMAA) <p>These reports are included within the C.9 Pesticides Toxicity Control section of Program's FY 09-10 Annual Report.</p>	
C.9.h.vi ▶ Public Outreach: Pest Control Operators	
Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); or reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.	
The FY 09-10 Green Gardener Training Report developed by SCVURPPP summarizes the Public Outreach: Pest Control Operators efforts conducted during FY 09-10. This report is included within the C.9 Pesticides Toxicity Control section of Program's FY 09-10 Annual Report.	



Appendix 9-1

Cupertino IPM Policies and Plans

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.

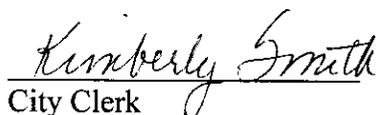
NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Cupertino, that a City policy regarding Integrated Pest Management shall be implemented as shown in the attached Exhibit.

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

**POLICY TO REQUIRE
AN INTEGRATED PEST MANAGEMENT APPROACH
TO PEST CONTROL AT ALL CITY-MAINTAINED FACILITIES**

POLICY STATEMENT

The City of Cupertino will carry out its pest management operations, at city-owned facilities, and at other facilities 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 will include 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 will prepare a report each year summarizing and evaluating the pest control activities performed by city staff and contractors.

The IPM Plan will also include 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 can be used by city staff or a city contractor on city property or property maintained by the city. Currently, these chemicals are not in use at city-maintained facilities.

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.

Pest	1. Anthracnose on Ashes
Location	Ashes in Rancho Rinconada. Protected tree, although many in Rancho Rinconada have surpassed their lifespan of 50 years. Rancho Rinconada was built in 1954.
Threshold	
Monitoring	
History	<p>City takes no action.</p> <p>Anthracnose causes leaf drop of first leaves. Does not do enough harm to the tree to justify treatment. Degree of infestation depends on climate—which varies from year to year.</p>
Cultural (prevention)	None
Physical (treatment)	None
Biological (treatment)	None

Pest	2. Anthracnose on Sycamores
Location	Sycamore trees in Rainbow area and Stelling area
Threshold	
Monitoring	
History	City takes no action. First-out leaves drop. Not enough damage to tree to justify a spray program.
Cultural (prevention)	None
Physical (treatment)	None
Biological (treatment)	None

Pest	3. Aphids avoided with Aphid-Resistant Flowering Plum
Location	
Threshold	
Monitoring	
History/ Cultural (prevention)	Flowering plum trees (Prunus) were chosen partially because they would be aphid-resistant. Using variety "Krauter Vesuvius." On the Street Tree List.
Physical (treatment)	
Biological (treatment)	
Chemical (treatment)	

Pest	4. Aphids on Ashes in Rancho Rinconada
Location	Throughout Rancho Rinconada
Threshold	
Monitoring	
History	Aphids infestations appear periodically, probably determined by weather patterns. Infestation intensity varies from year to year. Aphid secretions attract ants to the ashes. Aphid secretions drop onto parked cars, causing public complaints. (Any insecticide spraying would be ineffective and, essentially pointless.) Predatory wasps return and resolve the infestation. Lady bugs have also been used.
Cultural (prevention)	None
Physical (treatment)	None
Biological (treatment)	When necessary, city releases lady bugs and/or predatory wasps.

Pest	5. Aphids on Raywood Ashes-
Location	On medians on Homestead. 8-12-08 per Diane: no longer planting these trees; they get fungus easily and they get aphids, although not many aphids for a couple of years. (fungus-limbs die back, cut limbs)
Threshold	
Monitoring	
History	
Cultural (prevention)	None
Physical (treatment)	None
Biological (treatment)	None
Chemical (treatment)	Inject tree with Pointer pesticide.
<i>Active ingredient</i>	Imidacloprid (On San Francisco approved list, 2002)
<i>Brand name</i>	Pointer
<i>Toxicity Category</i>	
<i>Concentration</i>	
<i>Treated Location</i>	Inject into the tree trunk
<i>Appl.technique/ Equipment</i>	Injection equipment
<i>Timing</i>	
<i>Weather</i>	

Pest	6. Aphids on Lyriodendrum
Location	On Bubb Rd at Edward Way. Due to problems w/scale and aphids, these trees are no longer planted. Some are removed and replaced with other, more pest-resistant trees. Limited amount of these trees remain. Although they are on the tree list, staff steers people away from using them as they are not a “good” tree.
Threshold	
Monitoring	Watch for when trees start to drip honey dew onto the sidewalk.
History	
Cultural (prevention)	None
Physical (treatment)	None
Biological (treatment)	None
Chemical (treatment)	Inject tree with Pointer. Aphids have not been a problem for a couple of years, therefore treatment is rarely needed. Injection is the preferred treatment compared to spraying, even though it is more expensive and drilling into the tree can negatively impact the tree.
<i>Active ingredient</i>	Imidicloprid (On San Francisco’s permitted pesticides list.)
<i>Brand name</i>	Pointer
<i>Toxicity Category</i>	
<i>Concentration</i>	
<i>Treated Location</i>	Tree trunk
<i>Appl.technique/ Equipment</i>	Injection equipment
<i>Timing</i>	
<i>Weather</i>	

Pest	7. Bermuda grass spreading
Location	Foothill median, Stevens Crk medians, Memorial Park and Jollyman Park
Threshold	Over-competes with ground covers and shrubs.
Monitoring	Field observation
History	A few areas have been infested with Bermuda grass, which spreads easily. We keep it under control so it doesn't destroy the desired plants.
Cultural	Hoeing and pulling are not effective on a large scale.
Physical	None
Biological	None
Chemical (treatment)	Fusillade II -- selective herbicide for grass control. Not used much. Mike Greg sprayed at The Oaks on Stevens Creek Blvd in '09.
<i>Active ingredient</i>	Fluazifop-P-butyl (Not on SF list)
<i>Brand name</i>	Fusillade II
<i>Toxicity Category</i>	Caution, Category III
<i>Concentration & Rate of Application</i>	1.28 oz/gal.
<i>Treated Location</i>	
<i>Appl.technique/ Equipment</i>	
<i>Timing</i>	
<i>Weather</i>	Apply when Bermuda is actively growing. Spot spray in summer when warm and dry.

Pest	8. Drought-tolerant plants chosen for city facility parking lots
Location	In parking lots at city facilities
Threshold	
Monitoring	
History	City has planted native, drought-tolerant plants in city facility parking lots to take advantage of their low need for water and infrequent pest problems.
Cultural (prevention)	
Physical (treatment)	None
Biological (treatment)	None
Chemical (treatment)	None

Pest	9. Fireblight
Location	Flowering pear trees found around the City, including on Stevens Creek Blvd., near Symantec.
Threshold	Act, if 30% infected. New growth looks scorched.
Monitoring	Field observation
History	Flowering pears contract a bacterial disease called fireblight. Its severity is dependent on weather conditions at time of bloom. Is spread by wind, contaminated shears, and bees.
Cultural	City has planted more-resistant cultivars that still can get infected, but not as bad. The original Kawakami's have Fireblight the worst.
Physical	Prune out infected wood 6" below infection. Sterilize shears. Avoid planting host plants for the disease, such as Rhapsodopsis, under flowering pear trees.
Biological	None
Chemical (treatment)	None

Pest	10. Fruit setting on Crabapples & Olives
Location	City Hall
Threshold	This is a high-traveled area. The dropped fruits onto sidewalks is not acceptable at all.
Monitoring	Field observations
History	To avoid the mess caused by fruiting trees, the city had sprayed ethephone in flower blooming season to prevent the flowers from setting fruit. Fruits dropping on the sidewalk have been tracked into the building and cause staining on the carpet. Ethephone is considered to be a safe chemical for the operator and for the public. The city will continue this practice.
Cultural (prevention)	Keep trees trimmed.
Physical (treatment)	None
Biological (treatment)	None
Chemical (treatment)	Spray with ethephon to prevent fruit from setting. Not used much.
<i>Active ingredient</i>	Ethephon—3.9%
<i>Brand name</i>	Flore1 (Not on SF list.)
<i>Toxicity Category</i>	Caution (Category III)
<i>Concentration</i>	3 oz. / gal
<i>Treated Location</i>	
<i>Appl.technique/ Equipment</i>	
<i>Timing</i>	Spray the flowers on the trees in bloom.
<i>Weather</i>	70 degrees or lower, to prevent foliage burn

Pest	11. Mildew resistance
Location	Crape Myrtle trees
Threshold	
Monitoring	
History/ Cultural (prevention)	City has chosen to plant Crape Myrtle trees because they are mildew resistance and therefore will require little pest control treatment.
Physical (treatment)	
Biological (treatment)	

Pest	12. Mistletoe on Ashes
Location	Courts off Mann Dr.
Threshold	8-10 clumps per tree
Monitoring	Field Observation
History	Staff believes that mistletoe may have initially been brought into the area by a person on Oakview Lane who used to sell mistletoe. It's been a problem ever since.
Cultural	None
Physical	Prune out. Sometimes have to remove large branches.
<i>Timing</i>	Prune when trees are dormant, so mistletoe is especially visible.
Biological	None
Chemical (treatment)	Florel—plant growth regulator; causes abscission
<i>Active ingredient</i>	Ethephon—3.9% (Not on SF list.)
<i>Brand name</i>	Florel
<i>Toxicity Category</i>	Caution
<i>Concentration & Rate of Application</i>	
<i>Treated Location</i>	
<i>Appl.technique/ Equipment</i>	
<i>Timing</i>	
<i>Weather</i>	

Pest	13. Phytoptera on Cherry trees
Location	In Memorial Park
Threshold	
Monitoring	
History	Trees were originally planted in a low spot, so they were often water-logged—resulting in phytoptera.
Cultural (prevention)	Staff replanted trees on knolls and solved the problem.
Physical (treatment)	
Biological (treatment)	

Pest	14. Scale on Burford Holly tree
Location	Medians
Threshold	
Monitoring	
History /Cultural (prevention)	Scale problem developed. City decided to remove all of the Holly trees to avoid future scale problems. (Tree not suited for the site.)
Physical (treatment)	None
Biological (treatment)	None

Pest	15. Spittle bug on Baccharis
Location	Mary Ave. on roadside.
Threshold	
Monitoring	
History	Staff applied Orthene systemic. Didn't work. Removed all Baccharis to avoid pest problem.
Cultural (prevention)	Removed Baccharis to avoid pest problem.
Physical (treatment)	
Biological (treatment)	

Pest	16. Tussock Moth on Oaks
Location	Oaks on Miller Ave.
Threshold	Action needed when tree is 25% infested.
Monitoring	Monitored weekly during the Spring. Usually appears mid to late April. Typically spreads from tree to tree, moving from the southernmost trees, to the north. City staff monitor the Oaks personally.
History	
Cultural (prevention)	
Physical (treatment)	Pruning affected branches is not a good idea.
Biological (treatment)	Previous: Spray with B.t.
<i>Active ingredient</i>	Bacillus thuringiensis (On SF list)
<i>Brand name</i>	Dipel 2X
<i>Concentration & Rate of Application</i>	¼ - ¾ lbs. / 100 gals
<i>Treated Location</i>	As above.
<i>Appl.technique/ Equipment</i>	No longer spray. During the last infestation, the tree was stripped of its leaves and when the leaves returned, the infestation was gone.

<i>Timing</i>	<p>Must be sprayed in morning before 6 a.m. to avoid any spray getting onto cars or people, and to avoid alarming the public by the appearance that a poison is being sprayed. Spray is only effective when applied in March and April, while caterpillars are feeding</p> <p>Usually, one spraying will be enough. If there are several hatchings, a second spraying within a week may be necessary.</p>
<i>Weather</i>	Don't spray in rainy weather.
Chemical (treatment)	None

Pest	17. Tussock Moth on Wisteria
Location	Wisteria vines on the DeAnza Blvd. medians; cross streets: Bollinger north to Pacifica
Threshold	Action needed when tree is 25% infested.
Monitoring	Monitored weekly during the spring. Usually appears mid to late April. Typically spreads from tree to tree, moving from the southernmost trees, to the north. City staff monitor the Wisteria personally.
History	Tussock moth has appeared at this site sporadically since 1990. Previously, the city's PCA applied Orthene (a systemic pesticide) or Sevin, to poison the caterpillars. This was effective for one year, but, beginning in 1997, the PCA decided to spray the affected Wisteria with B.t. The results have been good. There has not been a problem since 2000. The reason could be the B.t treatment. The predatory insects are probably extinguished now.
Cultural (prevention)	
Physical (treatment)	Pruning affected branches is not a good idea.
Biological (treatment)	Spray with B.t. Haven't had to spray in years, but would use this technique if needed. No known injection treatment.
<i>Active ingredient</i>	Bacillus thuringinensis (On SF list)
<i>Brand name</i>	Dipel 2X
<i>Concentration & Rate of Application</i>	¼ - ¾ lbs. / 100 gals
<i>Treated Location</i>	As above.
<i>Appl.technique/ Equipment</i>	Spray leaves from ground until the point of runoff (i.e. until leaves are covered with the spray) with a tree gun @ 75 psi or more (as needed for the height of the tree).

<i>Timing</i>	<p>Must be sprayed in morning before 6 a.m. to avoid any spray getting onto cars or people, and to avoid alarming the public by the appearance that a poison is being sprayed. Spray is only effective when applied in March and April, while caterpillars are feeding</p> <p>Usually, one spraying will be enough. If there are several hatchings, a second spraying within a week may be necessary.</p>
<i>Weather</i>	Don't spray in rainy weather.
Chemical (treatment)	None

Pest	18. Weeds in landscaped areas
Location	On flowerbeds in parks and on facilities' grounds.
Threshold	
Monitoring	Field observation
History	
Cultural (prevention)	Mulch dirt areas 6" thick with compost or wood chips to prevent weed seed germination. Mow lawns to 3" to shade out any bare areas (except mow shorter on playing fields). Also, mow to 3" b/c of drought.
Physical (treatment)	Hoe weeds. (Done by Elmwood workers.) Staff uses weed-eater in tree wells, and at fence lines. Mow existing weeds to 3" if aesthetically, and functionally acceptable. Longer grass can shade weed seeds and prevent germination.
Biological (treatment)	None
Chemical (treatment)	Pre-emergents: Essentially, little pre-emergent herbicide is used in city parks and on city facility grounds. It is not worth the expense of applying pesticides to these large areas.
<i>Active ingredient</i>	
<i>Brand name</i>	
<i>Concentration</i>	
<i>Toxicity Category</i>	
<i>Treated Location</i>	
<i>Appl.technique/ Equipment</i>	

<i>Timing/Weather</i>	
Chemical (treatment)	Post-emergent—Spot spray: Spot spray Roundup for weeds in landscaped areas. Diane: Spot spray Roundup in landscaped areas with dense low-growing groundcover (e.g. chickweed among Vinca on slope at City Hall). Handpicking would likely not kill root-JB 6/10.
<i>Active ingredient</i>	Glyphosate salts (In SF list)
<i>Brand name</i>	Roundup
<i>Toxicity Category</i>	Caution (Category III)
<i>Concentration</i>	2 tbl/gal
<i>Treated Location</i>	Northern slope of city hall.
<i>Appl.technique/ Equipment</i>	Spot spray weeds only using four-gal back-pack sprayer. Do not broadcast spray Roundup.
<i>Timing /Weather</i>	Do not spray Roundup when rain is forecast for the next six hours. Roundup is sprayed after the rainy season, avoiding the chance of herbicide runoff. Roundup breaks down quickly in the presence of sunlight. Roundup binds to the plant when dry. Re-entry is allowed when product is dry.

Pest	19. Weeds on Cristo Rey (mainly annual grasses) & Regnart Rd (mainly blackberries)
Location	Cristo Rey Rd. and Regnart Rd.
Threshold	Dry grasses are a fire hazard. Broadleaf weeds (mainly blackberries) become a problem when they encroach onto roadway, and they are also a fire hazard.
Monitoring	Field observation
History	
Cultural (prevention)	Usually mow before July 4 th . There is enough room on these roads to safely mow.
Physical (treatment)	Flail mow (mower w/side boom arm). Haven't done in awhile.
Biological (treatment)	None
Chemical (treatment)	None

Pest	20. Weeds on School Grounds
Location	City parks staff maintain the playing fields at 8 schools in the city—2 jr. high and 6 elementary.
Threshold	
Monitoring	
History	
Cultural (prevention)	Install drip irrigation in some landscaped areas—directly watering the bushes. This prevents water from getting on the unplanted areas. (The water had allowed weed seeds to germinate in the unplanted areas).
Physical (treatment)	Hoe weeds with Elmwood crews. Weed beat around trees.
Biological (treatment)	
<i>Active ingredient</i>	
<i>Brand name</i>	
<i>Concentration</i>	
<i>Treated Location</i>	
<i>Appl.technique/ Equipment</i>	
<i>Timing</i>	
<i>Weather</i>	
Chemical (treatment) Pre-emergents	

<i>Active ingredient</i>	
<i>Brand name</i>	
<i>Toxicity Category</i>	
<i>Concentration</i>	
<i>Treated Location</i>	
<i>Appl.technique/ Equipment</i>	
<i>Timing/Weather</i>	
Chemical (treatment) Post-emergent	Trimac used in diluted, and mixed with fertilizer for control of clover in the big play fields. (Bees are attracted to clover flowers. There is concern about bee stings.)
<i>Active ingredient</i>	2-4, D (Not on SF list.). Level 2 is restricted but product has less than 2%.
<i>Brand name</i>	Trimac
<i>Concentration</i>	Diluted. Concentration?
<i>Toxicity Category</i>	??
<i>Treated Location</i>	Eaton School in the big play fields, and the ground cover.
<i>Appl.technique/ Equipment</i>	
<i>Timing /Weather</i>	Applied in summer, as close to two days before school starts, but never when school is in session.

Pest	21. Weeds on Stevens Canyon Rd.
Location	Stevens Canyon Rd., above (south of) McClellan Rd. (Stevens Canyon Rd. is a dangerous stretch for city employees because of the frequent truck traffic and many blind curves. Important to keep road open for quarry truck traffic.)
Threshold	
Monitoring	
History	<p>Grasses to stabilize: City staff encourage native and introduced grasses to grow long during the winter along road embankments to stabilize the banks, to slow runoff, and to act as a natural filter. Staff sprays the grasses with diluted Roundup in April to reduce fire danger. The grass rots in place, leaves the roots remaining to stabilize the banks.</p> <p>Broadleaf encouraged: At the same time, staff also encourages the growth of broadleaf plant coverage on embankments by using a diluted solution of Roundup, which kills back the grass but lets the wildflowers and other broadleaf plants thrive. Roundup is sprayed after the rainy season, avoiding the chance of herbicide runoff. Roundup breaks down quickly in the presence of sunlight.</p> <p>Note: A very dilute solution of Round-Up would cause the grasses in an area to die in place while not affecting the broadleaf plants.</p>
Cultural (prevention)	None
Physical (treatment)	<p>Mowing was rejected because it would take too long in a dangerous setting and because some sections have difficult access or are sloped. The road would need to be shut down for 8 hours for mowing—which would be unacceptable.</p> <p>(Note: Do not hoe or disc areas already sprayed with pre-emergents. That would break the chemical barrier and allow weed seeds to germinate.)</p>

Biological (treatment)	None
Chemical Pre-emergent & Post-emergent	Roundup (post-emergent) /Surflan (pre-emergent) mix is sprayed before the rainy season, avoiding the chance of herbicide runoff. Roundup breaks down quickly in the presence of sunlight.
<i>Active ingredient</i>	Glyphosate salts and Oryzalin (40%)
<i>Brand name</i>	Round-up Pro / Surflan AS tank mix
<i>Toxicity Category</i>	
<i>Concentration</i>	1 gal Round-up Pro / 100 gal water; 1 gal Surflan AS / 100 gal water
<i>Treated Location</i>	Along both side of Stevens Canyon Rd, in a 10 ft. band on each side; between San Juan Rd. and the city limit line.
<i>Appl.technique/ Equipment</i>	Use sprayer with road-side boom.
<i>Timing/Weather</i>	

Pest	22. Weeds in McClellan Ranch Park
Location	McClellan Ranch
Threshold	
Monitoring	
History	Check McClellan Ranch Master Plan for more detail.
Cultural	McClellan Ranch Park is a nature preserve. Therefore, no pesticides or chemical fertilizers can be used in the park. Community gardeners are forbidden to use any pesticides or chemical fertilizers.
Physical	Annual mowing (per JB 6/10) in the center field area used for fire prevention (as required by the fire department) Volunteers will occasionally pull out Vinca by hand along the creek path.
Biological	None
Chemical (treatment)	None

Pest	23. Weeds in medians
Location	On medians on Stevens Creek Blvd, DeAnza Blvd., and Wolfe/Miller Ave
Threshold	High visibility areas will remain groomed—with few or no weeds. 0-5% weeds allowed.
Monitoring	Field observation
History	The City maintains vegetative cover on medians for aesthetic reasons, to prevent soil erosion, to trap pollutants, and to slow the rate of storm water runoff. Median areas are typically landscaped with trees, vines, bushes and cobble stones, and therefore, are not mowed.
Cultural (prevention)	Mulch dirt areas 4” thick with compost or wood chips to prevent weed seed germination. Where possible, plant low-growing groundcover plants, thick enough to suffocate out weeds or shadow bare areas where weed seeds could germinate (e.g. Gazanias on the ends of the medians at DeAnza and Stevens Creek, and the Myoporum on the Stelling Ave. median).
Physical (treatment)	Hoe weeds in medians during full maintenance session (with adjoining lane shut down). Hand pull weeds occasionally. Hedge trimmers are also used. (Note: Do not hoe or disc areas already sprayed with pre-emergents. That would break the chemical barrier and allow weed seeds to germinate. Crew has a posted list of recently treated areas that should not be hoed.)
Biological (treatment)	none
Chemical (treatment) Pre-emergents	Pre-emergents: Spray bare dirt areas with pre-emergent in spring to kill weed seeds before summer. Pre-emergents must be watered-in to be effective, so time the spraying for just before late spring rains. (The pre-emergents bind to the soil and form a type of barrier (which can be broken by hoeing). Therefore, once dry, the chemicals would not be washed off by rain. Don’t apply when windy—to avoid drift.

	One of these four pre-emergents would be used:
<i>Brand name</i>	Suflan AS (k)
<i>Active ingredient</i>	Oryzalin 40% (4 lbs active ingredient per gallon of product) (Not on SF list)
<i>Toxicity Category</i>	Caution (Category III) (Not on SF list)
<i>Concentration</i>	
<i>Brand name</i>	Roundstar (i) -avoid using due to strong odor.
<i>Active ingredient</i>	???
<i>Toxicity Category</i>	
<i>Concentration</i>	
<i>Brand name</i>	Gallery (oo) w/Surflan
<i>Active ingredient</i>	Isoxaben 75% (Not on SF list)
<i>Toxicity Category</i>	
<i>Concentration</i>	
<i>Brand name</i>	Pendulum
<i>Active ingredient</i>	Pendimethalin (On SF list-not on 2010 SF list?)
<i>Toxicity Category</i>	
<i>Concentration</i>	
<i>Treated Location</i>	Medians
<i>Appl.technique/ Equipment</i>	City staff use the following equipment when spraying pre-emergents on the median: a 200-gal tank (on a truck) for spraying herbicides.

	Always check equipment for chemical, oil, fuel, or coolant leaks before leaving for the job site. All equipment vehicles are to be fueled at the corporation yard. If a leak or spill does occur, follow the City's Emergency Spill Response Plan.
<i>Timing/Weather</i>	Pre-emergents must be watered-in to be effective, so time the spraying for just before late spring rains. No re-entry restrictions are required for these herbicides; pedestrians can cross the median as soon as the chemicals are dry.
Chemical (treatment) Post-emergent	Post-emergent—Spot spray: Spot spray Roundup for any weeds that germinate following pre-emergent spraying. Roundup is also used as a pre-emergent before rainy season.
<i>Active ingredient</i>	Glyphosate salts
<i>Brand name</i>	Round-Up Pro
<i>Toxicity category</i>	Caution, Category III
<i>Concentration</i>	
<i>Treated Location</i>	On medians.
<i>Appl.technique/ Equipment</i>	Do not broadcast spray. Spot spray weeds only.
<i>Timing /Weather</i>	Do not spray Roundup when rain is forecast within 6 hrs. Dried chemical would be bound to the plant by that time. No re-entry restrictions are required for Roundup; pedestrians can cross the median as soon as the chemicals are dry.

Pest	24. Whitefly on Ashes
Location	Throughout Rancho Rinconada
Threshold	
Monitoring	
History	Whitefly infestations appear periodically. May be caused by a dramatic weather change. No action is taken by the city. Previously, County Ag released Encarsia wasps (predatory insect) which, together with warmer weather, resolves the infestation. City staff is now responsible for releasing the predatory wasps as well as lady bugs (lady bugs were last used appx. 2 years ago.)
Cultural (prevention)	None
Physical (treatment)	None
Biological (treatment)	Predatory wasps and lady bugs.

Pest	25. Woolly apple aphid & Tent caterpillar on Pyracantha
Location	Stevens Creek Blvd. medians across from Memorial Park. Very little Pyracantha present.
Threshold	
Monitoring	
History	Plants became deformed from serious infestation.
Cultural (prevention)	Plants were removed and replaced with non-host plant varieties such as Agapanthus and Rhapsodolapsis
Physical (treatment)	None
Biological (treatment)	None

Pest	26. Yellow leaves on Cherry trees
Location	In Memorial Park
Threshold	
Monitoring	Not a current problem
History	
Cultural (prevention)	Applied zinc and iron. Determined the problem with yellow leaves on cherry trees was a zinc and iron deficiency.
Physical (treatment)	None
Biological (treatment)	None
Chemical (treatment)	Apply fertilizer with iron if needed.

Pest	27. Fungus on Greens (Pink Snow Mold; Summer Patch)
Location	Golf course greens
Threshold	Apply material before mold symptoms show themselves? This application is a preventative to control a predictable, annual winter problem. Once the mold causes damage, preventative measures are not helpful—fungicides must be used.
Monitoring	Daily walking greens
History	Diseases occur on greens due to too low mowing heights, weather conditions, and traffic. Spot treatment (with fungicide) is performed when possible. Several greens on the course are located in shady areas that do not have sufficient natural ventilation to dry off the grass, resulting in an increase in fungal problems. There has been inadequate drainage in the greens areas.
Cultural	Raise mowing heights; whip greens; fertilize with low nitrogen fertilizers and high potassium fertilizer; keep soils in balance. Over-seed any damage on the greens with bent grass seed—less susceptible to snow mold than other types of grass. Installed drainage system in several of the greens and tee-off areas.
Physical	Whip greens (to disturb any dew or sitting water on grass blades that could cause mold to grow)
Biological	None
Chemical (treatment)	
Active ingredient	Pentachloronitrobenzene (contact fungicide-per Don N. 3/30/07)
Brand name	Scotts FFII
Toxicity Category	Category 3; (Not included in San Francisco list. However, approved for use by Diane Mahan 3/31/03)
Concentration & Rate of Applicatn	
Treated Location	All golf course greens
Appl.technique/ Equipment	
Timing	
Weather	

Pest	28. Fungus on Greens (Pink Snow Mold; Summer Patch)
Location	Golf course greens
Threshold	Apply material before mold symptoms show themselves? This application is a preventative to control a predictable, annual winter problem. Once the mold causes damage, preventative measures are not helpful—fungicides must be used.
Monitoring	Daily walking greens
History	Diseases occur on greens due to too low mowing heights, weather conditions, and traffic. Spot treatment (with fungicide) is performed when possible. Several greens on the course are located in shady areas that do not have sufficient natural ventilation to dry off the grass, resulting in an increase in fungal problems. There has been inadequate drainage in the greens areas.
Cultural	Raise mowing heights; whip greens; fertilize with low nitrogen fertilizers and high potassium fertilizer; keep soils in balance. Over-seed any damage on the greens with bent grass seed—less susceptible to snow mold than other types of grass. Installed drainage system in several of the greens and tee-off areas.
Physical	Whip greens (to disturb any dew or sitting water on grass blades that could cause mold to grow)
Biological	None
Chemical (treatment)	
Active ingredient	Thiophanate methyl (granules) (systemic fungicide) This isn't specifically listed for pink snow mold. Haven't used for at least four years.
Brand name	Scotts Systemic Fungicide
Toxicity Category	Category 3; (Included on San Francisco list)
Concentration & Rate of Applicatn	1.35-2.7 lbs per 1000 sq ft.
Treated Location	All golf course greens
Appl.technique/t	Hand spreader; water-in granules—carefully preventing any runoff from greens.
Timing	In morning (because wind is minimal)
Weather	When rain is not likely

Pest	29. English Daisy/Pineapple Weed in Greens
Location	greens
Threshold	Action needed when the putting on greens is interrupted due to too many weeds.
Monitoring	Daily walking the greens.
History	<p>Bellis perennis and soliva sp. Native of Europe used as an ornament in some grass mixtures. For finer turf (i.e. golf turf) it is considered a noxious weed, especially on the coastal areas of the U.S.</p> <p>Has been a perennial problem at Blackberry Farm golf course. Daisy indicates that greens are not draining well. Daisy prefers to grow shallow rooted, in damp, compacted soil. Blackberry has a history of bad drainage throughout.</p>
Cultural	Fertilize the greens to strengthen the grasses to outgrow the daisy.
Physical	<p>Hand removal.</p> <p>Installed drainage system at several of the greens.</p>
Biological	None.
Chemical (treatment)	
Active ingredient	Dicamba (post-emergent, contact herbicide)
Brand name	Scotts K-O-G (granular)
Toxicity Category	Warning—Category 2 (On SF list)
Concentration & Rate of Application	35.5 pounds per acre
Treated Location	Greens
Appl.technique/ Equipment	Hand rotary spreader, allowing broad buffer zone from any surface waters. Special care to prevent any runoff into surface waters.

Timing	When weeds are actively growing.
Weather	75 degrees, maximum; wind less than 5 mph.
Chemical (treatment)	Sapphire used in '09 and '10 on fairways and roughs to reduce pesticide quantity with better effectiveness
Active ingredient	
Brand name	
Toxicity Category	
Concentration & Rate of Application	
Treated Location	
Appl.technique/ Equipment	
Timing	
Weather	

Pest	30. English Daisy in Fairways and Roughs
Location	Fairways and roughs
Threshold	Action needed when weeds are so bad that golfers cannot distinguish between weeds and golf balls.
Monitoring	1) Daily touring golf course 2) Weekly conversations with golf pro.
History	Annually a problem on golf course. May cause golfers to leave golf course to play at another course. In previous years, blanket applications of herbicides were made multiple times. Smaller quantity of Sapphire is used than other pesticides. Now we target the pest and only apply where needed.
Cultural	Fertilize more, so the competition of the grasses crowds the pest out.
Physical	Hand removal.
Biological	None.
Chemical (treatment)	Sapphire
Active ingredient	
Brand name	
Toxicity Category	
Concentration & Rate of Application	
Treated Location	
Appl.technique/ Equipment	
Timing	
Weather	

Pest	31. Weeds in Non-crop areas, using <u>Pendalum</u> (No longer available 4/2006)
Location	Non-Crop areas in/around Golf Course—along fence lines and around trees
Threshold	Preventative
Monitoring	Daily touring golf course. Apply pre-emergent as season dictates.
History	Weeds have been annual problem. Prevention, using pre-emergent, will result in less application of post-emergent herbicides.
Cultural	Mulch where possible
Physical	Weed-eat and hand removal where possible
Biological	None
Chemical (treatment)	City's Pest Control advisor recommends alternating Surflan and Pendalum to avoid building resistance in weeds. Pendulum is an oil-based formulation of the pre-emergent pendimethalin
Active ingredient	BASF pendimethalin
Brand name	
Toxicity Category	
Concentration & Rate of Application	
Treated Location	
Appl.technique/ Equipment	
Timing	
Weather	

Pest	32. Weeds in Non-crop areas, using Surflan
Location	Non-Crop areas in/around Golf Course—along fence lines and around trees
Threshold	Preventative
Monitoring	Daily touring golf course. Apply pre-emergent as season dictates.
History	Weeds have been annual problem. Prevention, using pre-emergent, will result in less application of post-emergent herbicides.
Cultural	Mulch where possible
Physical	Weed-eat and hand removal where possible
Biological	None
Chemical (treatment)	City's Pest Control Advisor recommends alternating Surflan and Pendalum to avoid building resistance in weeds.
Active ingredient	Oryzalin
Brand name	Surflan A.S.
Toxicity Category	Category 3 Not in San Francisco list. However, permission from City's Pest Control Advisor 3/31/03
Concentration & Rate of Application	2-4 qts. of product in 50-100 gals. of water per acre
Treated Location	Fence lines and under trees
Appl.technique/ Equipment	Hand sprayers
Timing	In Spring, before weeds emerge
Weather	In wind less than 5 mph.

Pest	33. Weeds in Non-crop area, post-emergent Glysophate
Location	In Non-Crop Areas in/around golf course—along fence lines and around trees
Threshold	When weeds grow too much as to become a danger to the equipment operator. Also, remove poison oak and blackberries for public safety. Don: Can you quantify in some way how many weeds are too many weeds along fence lines and around trees—asthetically speaking?
Monitoring	Daily monitoring.
History	Unightly weeds have been left to grow too tall in the past. Weed-eating sometimes can be too dangerous that operator may fall into lake or creek. Weed-eating on fence lines can kick back and cause injury to operator.
Cultural	Mulch where possible. Hand removal where possible. Mulching around many of the trees for weed suppression has been successful—avoiding need for herbicides in many cases.
Physical	Weed-eat where possible. Hand removal where possible.
Biological	None
Chemical (treatment)	
Active ingredient	Glyphosate
Brand name	Roundup Pro (liquid, contact herbicide)
Toxicity Category	Category 2; (on San Francisco’s list)
Concentration & Rate of Applicatn	2 quarts of Roundup Pro in 10-40 gals. water, per acre.
Treated Location	Non-crop areas in and around golf course
Appl.technique/ Equipment	Hand sprayer
Timing	As needed
Weather	Fair weather; no rain predicted for 24 hrs; less than 5 mph wind

Pest	34. Brown & Yellow Patch on Greens, using Fungicide V11 and FF II (PCNB)
Location	Golf course greens
Threshold	Action needed when rings are present to prevent death to occur.
Monitoring	Daily walking greens
History	Occurs on greens naturally in late spring, early summer.
Cultural	Verticutting to break up the spores.
Physical	Use of iron to disguise the yellow rings; add holes (aerifying) to allow water.
Biological	None
Chemical (treatment)	
Active ingredient	Bayleton-Triadimefon
Brand name	Scotts (Andersons) FF VII. Also using FF II (PCNB) June 2010
Toxicity Category	FF VII-Catergory 3; (Not included in SF List. Approved for use by City's Pest Control Advisor (6/30/04)
Concentration & Rate of Application	FF VII-0.34 lbs active ingredient/acre, 0.59% Triadimefon
Treated Location	All golf course greens
Appl.technique/ Equipment	
Timing	
Weather	

Pest	35. Ants, Argentine
Location	City buildings—interiors and surrounding grounds: Library, City Hall, Quinlan, Corporation Yard bldgs, Senior Ctr, Sports Ctr.
Threshold	The city's Public Works Supervisor in charge of Facilities calls the city's structural pest control contractor, because the supervisor has received a report from staff that there are ant trails.
Monitoring	If we use ant baits, monthly visual inspection of exterior bait stations, plants, and foundations is necessary to confirm that it's the right bait for the season.
History	The city's contractor will only uses EcoSmart Products on city structures after 2009. The contractor has used Termidor for ant control using a direct application method to the foundation of the building, not near any streets or storm drains, rather than spraying. The contractor has stated ant baits can be used.
Cultural	Observe and resolve any sanitation problems and the cleanliness of structure, inside and outside.
Physical	Avoid excessive watering of lawns and flowerbeds. Trim shrubs, trees, and vegetation back two feet from structure.
Chemical	Granular bait
<i>Active ingredient</i>	Orthoboric Acid (On SF list)
<i>Brand name</i>	Niban-FGG
<i>Toxicity Category</i>	
<i>Concentration & Rate of Application</i>	5% active ingredient; 6 ozs. per 100 sq ft.
<i>Treated Location</i>	Apply in a 2 ft. band around exterior perimeter areas.
<i>Appl.technique/ Equipment</i>	Hand broadcast
<i>Timing</i>	
<i>Weather</i>	

Chemical (treatment)	
<i>Active ingredient</i>	Deltamethrin used in FY 02-03
<i>Brand name</i>	Suspend SC
<i>Toxicity Category</i>	Caution, Category 3.
<i>Concentration & Rate of Application</i>	1 fl. oz./gal in hand tank
<i>Treated Location</i>	
<i>Appl.technique/ Equipment</i>	B&G hand tank
<i>Timing</i>	
<i>Weather</i>	
Chemical (treatment)	
<i>Active ingredient</i>	Fipronil
<i>Brand name</i>	Termidor -per 6/10/10-contractor is planning to try EcoSmart alternatives in the future.
<i>Toxicity Category</i>	9.1% active ingredient
<i>Concentration & Rate of Application</i>	One gallon of Termidor contains 0.8lb of fipronil
<i>Treated Location</i>	Apply directly to foundation.
<i>Appl.technique/ Equipment</i>	
<i>Timing</i>	
<i>Weather</i>	

Pest	36. Oriental Cockroaches (Recommendation only. No call for treatment yet.)
Location	Basement, crawl space, crack and crevices of foundations, and walkways adjacent to buildings
Threshold	
Monitoring	Monthly monitoring in basement Contractor recommendation: wants to put bait on glue board for monitoring for roaches
History	Active year round. Contractor has not had to treat for cockroaches, but would use bait on glue board if needed.
Cultural	Seal cracks and crevices around exterior foundation
Physical	Install door sweeps on bottom of doors. Decrease dampness in basements.
Biological	none
Chemical (treatment)	Bait
<i>Active ingredient</i>	Deltamethrin
<i>Brand name</i>	Suspend SC
<i>Toxicity Category</i>	Caution—Category 3
<i>Concentration & Rate of Application</i>	1 fl oz./ gallon; would treat 1,000 sq ft.
<i>Treated Location</i>	Foundation and cracks and crevices
<i>Appl.technique/ Equipment</i>	Handtank /B&G
<i>Timing</i>	
<i>Weather</i>	

Chemical (treatment)	Bait
<i>Active ingredient</i>	Orthoboric Acid—5% active ingredient;
<i>Brand name</i>	Niban-FG
<i>Toxicity Category</i>	Caution—Category 3
<i>Concentration & Rate of Application</i>	6 ozs. per 100 sq. ft.
<i>Treated Location</i>	2 ft. band around exterior perimeter areas
<i>Appl.technique/ Equipment</i>	Hand broadcast
<i>Timing</i>	
<i>Weather</i>	

Pest	37. Rats
Location	Exterior shrubs and foliage at all city facilities
Threshold	Evidence of rats in the structure— the city’s Public Works Supervisor, in charge of Facilities, calls the city’s structural pest control contractor when droppings, and “rub” marks on walls (from rat’s body oils) are noticed.
Monitoring	Monthly checks for rat evidence in bait stations and the exterior of building.
History	There has been a large rat population at Quinlan Ctr, City Hall, and the library.
Cultural	Proper storage of possible rodent food. Remove undesirable vegetation (e.g. ivy) and rubbish around exterior of bldg.
Physical	Exclusion of all ¼” holes or bigger around structure. Install door sweeps where needed. Trim trees 2 feet from roofs.
Chemical	Bait
<i>Active ingredient</i>	Bromadiolone
<i>Brand name</i>	Contract All-Weather Blox
<i>Toxicity Category</i>	
<i>Concentration & Rate of Application</i>	Change bait every month (Bait needs to be fresh).
<i>Treated Location</i>	
<i>Appl.technique/ Equipment</i>	Use tamper-proof bait station—secured to the ground
<i>Timing</i>	
<i>Weather</i>	Using a water proof station

Pest	38. Spiders
Location	Can appear at all city facilities. Service is “on-call.”
Threshold	
Monitoring	Visually inspect structure for webs. Check for spiders while checking rat bait stations.
History	Spiders are most active in summer months. Contractor removes webs as necessary.
Cultural	Eliminate or shield outdoor lights or bright indoor lights that attract the spider’s insect food source.
Physical	Remove webs with web sweeper. No pesticide application used by contractor for spiders. Trim weeds around the bldg foundation and remove debris to discourage insects and spiders’ insect food source. Seal openings and install screens and door-sweeps to prevent spiders from living next to a structure.
Chemical (treatment)	
<i>Active ingredient</i>	
<i>Brand name</i>	
<i>Toxicity Category</i>	
<i>Concentration & Rate of Application</i>	
<i>Treated Location</i>	
<i>Appl.technique/ Equipment</i>	
<i>Timing</i>	
<i>Weather</i>	



Appendix 9-2

Cupertino IPM Contract Specifications

- B. are not contaminated by garbage.

Separated recyclable materials are materials that are separated into individual containers, each containing just one type of recyclable material. Typical examples of recyclable materials include: metal, wood, concrete, steel-reinforced concrete, asphalt, tree trimmings, white goods, toilets, rocks and clean fill dirt. Separated recyclables must ultimately be recycled or otherwise reused, and not disposed of in a landfill.

Contractor should be prepared to provide the name and phone number of any recycling companies being used on the project. A list of some local recycling companies that can accept separated recyclable materials is available in the literature display rack in the downstairs Planning/Building Department lobby in City Hall.

3.14 Storm Water Pollution Control

In compliance with the State and Federal regulations regarding storm water management during construction, no waste materials or pollutants will be allowed to enter the storm drainage system. In addition to reducing downstream erosion and sedimentation, keeping pollutants and other debris out of storm drains reduces the direct discharge of materials and wastes to local creeks and San Francisco Bay.

The Contractor shall contain and remove any waste generated by the Contractor's construction operation using the appropriate Best Management Practices (BMPs) and shall properly dispose of the waste or pollutants off-site. If solid or liquid waste materials or pollutants originating from the Contractor's operation enter the storm drain system, the Contractor will be required to thoroughly clean up the affected catch basins, storm sewer and storm manholes to the satisfaction of the Engineer. If the Contractor fails to meet the requirements of this section, the City will issue a stop-work notice and take necessary action to require the Contractor to set up the preventive measures or clean up the storm drainage system as the case may be. All costs related to the stop-work action and corrective work shall be solely borne by the Contractor.

The following requirements shall be implemented to prevent the pollution of storm water runoff from construction projects.

General Requirements

Water pollution control work shall conform to the provisions in this Document, the National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction Activity No. CAS000002 (NPDES Construction General Permit) and these provisions. For additional information regarding the requirements of the NPDES Construction General Permit, refer to the State Water Resources Control Board web site at <http://www.swrcb.ca.gov/stormwtr/construction.html>.

The Contractor shall be responsible for the costs and liabilities imposed by law as a result of the Contractor's failure or negligence in complying with the provisions set forth in this section and in the "Erosion and Storm Water Quality Control" section of the technical specifications for this project. For the purposes of this section, costs and liabilities include, but are not limited to, fines, penalties and damages whether assessed against the City or the Contractor, including those levied under the Federal Clean Water Act and the State Porter Cologne Water Quality Act.

In addition to the remedies authorized by law, partial payments due the Contractor under the contract may be retained by the City until financial and legal disposition has been made of the costs and liabilities.

The retention of money due the Contractor shall be subject to the following:

- A. The Engineer will give the Contractor thirty (30) days notice of the City's intention to retain funds from partial payments that may become due to the Contractor prior to acceptance of the contract. Retention of funds from payments made after acceptance of the contract may be made without prior notice to the Contractor.
- B. No retention of additional amounts out of partial payments will be made if the amount to be retained does not exceed the amount being withheld from partial payments pursuant to Section 9-1.06, "Partial Payments," of the Standard Provisions.

- I. CONTRACTOR shall store paint, solvents, chemicals, and waste materials in compliance with the City of Cupertino Hazardous Materials Storage Ordinance and all applicable State and Federal regulations. The CONTRACTOR shall store these materials in a designated area that will not allow run-on of storm water or runoff of spills.
- J. CONTRACTOR shall dispose of excess thinners, solvents, oil and water-based paint as hazardous waste.
- K. CONTRACTOR shall dispose of dry, empty paint cans/buckets, old brushes, rollers, rags, and drop cloths in the trash.

Earthwork

CONTRACTOR shall maximize the control of erosion and sediment by using the Best Management Practices for erosion and sedimentation in the *California Storm Water Best Management Practice Handbook - Construction Activity* or *ABAG Manual of Standards for Erosion and Sediment Control Measures*.

Thermoplastic

- A. The CONTRACTOR shall transfer and load hot thermoplastic away from drainage systems or watercourses.
- B. The CONTRACTOR shall sweep thermoplastic grindings into plastic bags. Yellow thermoplastic grindings may require special handling as they may contain paint.

Pesticide Usage and Pest Management

- A. Follow all federal, state, and local policies (including the City's Integrated Pest Management Policy, see below), law and regulations governing the use, storage, and disposal of pesticides and training of pest control advisors and applicators.
- B. Employ integrated pest management methods, including:
 1. No controls;
 2. Physical and/ or mechanical methods;
 3. Environmental controls (mulching, pest-resistant vegetation)
 4. Biological controls (predators, parasites, etc.);
 5. Less toxic controls (soaps and oils etc.) and;
 6. Hot water.
- C. Use the least toxic pesticides that will do the job, provided there is a choice. The agency will take into consideration the LD50, overall risk to the applicator, and impact to the environment.
- D. Apply pesticides at the appropriate time to maximize their effectiveness and minimize the likelihood of discharging non-degraded pesticides in stormwater runoff. Avoid application of pesticides if rain is expected.
- E. Employ techniques to minimize off-target application (e.g. spray drift) of pesticides, including consideration of alternative application techniques. For example, when spraying is necessary, increase drop size, lower application pressure, use surfactants and adjuvants, using wick application, etc.
- F. Mix and apply only as much material as is necessary for treatment. Calibrate application equipment prior to and during use to ensure desired application rate.
- G. Do not mix or load pesticides in application equipment adjacent to a storm drain inlet culvert or watercourse.
- H. Irrigate slowly to prevent runoff and then only as much as is needed.
- I. Use of Clopyralid, Diazinon, Chlorpyrifos (Dursban or Lorsdan), Chloradane, DDT, Dieldrin or other organophosphates, and any product containing copper, is prohibited.

Prior to application of any pesticides, Contractor must receive approval for application from the City's licensed pest control advisor (777-3343). Contractor must provide the pest control advisor with monthly summaries of pesticide use (City to provide forms for the summary).

IPM Policy: The City adopted an IPM policy that calls for employees and city contractors to use reduced-risk Integrated Pest Management (IPM) techniques, giving preference to reasonably available non-pesticide

alternatives, and reduced-risk pesticides. Contractors that conduct pest control and pesticide application on municipal property are responsible to ensure that pest control methods are consistent with the city's IPM Policy,

Reporting: Contractor is required to provide the city with specific information about pesticide use on city property, monthly. Cupertino is required by law to collect and consolidate and report information about all pesticides applied on city property by city staff and city contractors.

Contractor's reporting to City shall include the following:

- commercial name of pesticide
- active ingredient
- EPA ID #
- total quantity of product used
- percent of active ingredient in the product

Pesticide Storage

- A. To minimize quantities of pesticides stored, purchase what is needed for use in the near future.
- B. Implement storage requirements for pesticide products with guidance from the local fire department and the Santa Clara County Agricultural Commissioner. Provide secondary containment for pesticides, if required.
- C. Provide spill kits, store the kits near pesticides, and train employees to use them.
- D. Store pesticides in a locked and posted individual storage unit. Pesticides should not be stored where they could be exposed to rain or irrigation water, causing pesticide runoff to storm drains or creeks.
- E. Store pesticides only in labeled containers.

Pesticide Use

- A. Dispose of empty pesticide containers according to the instructions on the container label.
- B. Dispose of unused pesticides as hazardous wastes in accordance with applicable regulations.

References and Sources for Pesticide Regulations

- California Code of Regulations, Title 3 (www.calregs.com/default.htm)
- California Food and Agricultural Code Division 6 and Division 7
- Santa Clara County Agricultural Commissioner
- Department of Pesticide Regulation
- Structural Pest Control Board, California Department of Consumer Affairs

**CITY'S INTEGRATED PEST MANAGEMENT PLAN
STANDARD OPERATING PROCEDURES**

This section contains the City of Cupertino's pest management standard operating procedures (SOPs), and supporting documents.

- Introduction
- Guidelines
- Definitions

INTRODUCTION

These Standard Operating Procedures (SOPs) describe the city's IPM approach to controlling the city's common pest problems. The SOPs must be followed unless, either the City's Pest Control Advisor (PCA), or the designated City Representative, decides to alter an SOP in response to the discovery that:

- an SOP is ineffective and should be improved
- effective and reduced-risk new pest control products have become available

- new techniques have been discovered, or
- in the case of an emergency.

If the City's Pest Control Advisor or the City Representative have determined that the SOPs description in this document no longer accurately reflects the city's field practices, these SOPs descriptions should be updated.

The City of Cupertino has inventoried the departments in the city that use pesticides and has created formal SOPs that reflect the existing practices followed by city staff and contractors to resolve pest problems on city properties. The SOPs presented here are grouped by the responsible Department or Division:

Medians, Right-of-Way, and Parks

Performed by the Public Works Dept, Grounds Div. and Streets Div. city staff

City Facilities – structural

Performed by the Public Works Dept.: Facilities Division's contractor

City's Golf Course

Performed by the Parks and Recreation Dept.: Blackberry Farm golf course maintenance contractor

GUIDELINES

SOPs include the following elements:

1. Target pest

Pest must be identified.

2. Location

Including the type of plant, or a specific site in a specific building.

3. Threshold level that would require a corrective action.

The city's PCA, or the contracted PCA, will determine the tolerance level for each pest, taking into account the following: Use of the property

- Aesthetic value of the site
- Health considerations (of workers and of the public)
- Economic loss (e.g., potential for damage to existing landscape)

When threshold limits are reached in city parks, medians, or street trees, the problem should be reported to the city's PCA.

When threshold limits are reached at city buildings, the problem should be reported to the Public Work Dept., Facilities Division supervisor.

When threshold limits are reached at the city's golf course, the problem should be reported to the city's Recreation Supervisor at Blackberry Farm Golf Course and the Public Works Environmental Division.

4. Monitoring procedures

- To allow staff or contractor to become aware that the threshold level is reached.
- To allow staff or contractor to evaluate the effectiveness of the control measure.

Monitoring should be performed by the designated personnel responsible for each area (i.e., for each of the city parks, or city facilities). Monitoring should be performed periodically, as part of routine maintenance. The designated responsible personnel should keep records of

monitoring observations. Annual evaluations of the currently used control measures should be included in an annual pest control evaluation (part of the city's Urban Runoff Management Program Annual Report that is submitted every August).

5. History of the problem

Any patterns observed? Specific conditions that trigger pest infestation?

For example: Is pest problem triggered by a season, weather change, use of facility, behavior of occupants, particular individuals, incorrect cultural/maintenance practices, sanitary problems, choice of plants, etc.?

Include here detail of any specific cultural control measures that have been implemented already to avoid pest problems by providing a long-term solution.

6. Control techniques: (to be considered in this order)

A. Cultural control measures that could reduce or eliminate the conditions that encourage the presence of pests. Examples:

- **Eliminate Habitat:** Designing, constructing, or modifying indoor and outdoor areas to reduce or eliminate pest habitats
- **Plant Choice:** Choose the appropriate plant for the location or choose pest-resistant plants
- **Cultural practices** like: timing watering to avoid plant diseases; mulching to suppress weeds; improving waste management and food storage; setting a high mowing height to smother weeds; mowing roadside weeds for fire suppression purposes (instead of spraying); etc.

B. Physical control measures

Examples: barriers, caulking, screening windows, pulling weeds, vacuuming insects

C. Biological pest controls Include the following detail:

- active ingredient
- brand name
- concentration & rate of application
- specific location
- application technique detail and necessary equipment
- timing information
- weather considerations

D. Chemical control measures

Include the following detail:

- active ingredient
- brand name
- toxicity category (e.g. Toxicity Category I pesticides)
- concentration & rate of application
- specific location
- application technique detail and necessary equipment
- timing information
- weather considerations

General guidelines for chemical treatment:

- **Select non-chemical physical and biological treatments** before choosing chemical treatments, wherever possible.
- Use products that are included in the City of San Francisco's "**Reduced Risk Pesticide List**," wherever possible. If a chemical product is not on that list, consult with the city's Pest Control Advisor to discuss its use. The list is continually reviewed and adjusted by San Francisco staff and their IPM consultant to respond to new information about the products that are listed, those that are excluded, and new products that meet the list's criteria. Cupertino city staff and contractors must annually visit the San Francisco IPM website:

http://www.sfenvironment.org/downloads/library/2009_rrpl_checklist_sorted_by_ingredient_31709jw.pdf to review any recent changes in the list. Informed by any changes in the list, and any new information available about pesticide safety and effectiveness, Cupertino's Pest Control Advisor should determine if the city wishes to change our pest management SOPs to reflect the new information.

- **Favor the use of focused and targeted controls** over the practice of spraying or broadcasting pesticide applications.
- **Avoid the use of Toxicity Category I pesticides** by City staff and city contractors (the label's signal word is "Danger").
- **Clopyralid, Diazinon or Chlorpyrifos (Dursban)** cannot be used by city staff or a city contractor on city property or property maintained by the city.

Availability of Documents:

A copy of these **Pest Control SOPs**, the "**San Francisco Reduced-Risk Pesticide List**," and the **Pesticide Use Summary** will be available at:

- the Public Works Dept. at City Hall (Environmental Div. office)
- the corporation yard (Service Ctr. Mgr's office)

The Cupertino Urban Runoff Management Program Annual Report will be available at the Public Works Dept., Environmental Div, at City Hall.

DEFINITIONS

1. Pesticides are defined as any substance or mixture of substances intended for preventing, destroying, or repelling any pest. Pests can be insects, rodents, unwanted plants (weeds), or fungi. The term pesticide applies to insecticides, herbicides, fungicides, rodenticides, and other substances used to control pests.

2. Integrated Pest Management and IPM means a decision-making process for managing pests that uses monitoring to determine pest injury levels and combines biological, cultural, mechanical, physical, and chemical tools and other management practices to control pests in a safe, cost-effective, and environmentally sound manner that contributes to the protection of public health. This method uses extensive knowledge about pests, such as infestation thresholds, life cycles, environmental requirements (i.e., the need for water, sunlight, heat and air), and natural enemies to complement and facilitate biological and other types of natural control of pests. The method involves the use of non-chemical pest control methods and the careful use of least-toxic chemical methods when non-chemical methods have been exhausted or are not feasible.

3. Toxicity Category I Pesticide Product means any pesticide product that meets United States Environmental Protection Agency criteria for Toxicity Category I under Section 156.10 of Part 156 of Title 40 of the Code of Federal Regulations. These pesticides will have the word "Danger" on the product label. (Category II pesticides have the word "Warning" on the label. Category III pesticides have the word "Caution" on the label.)

4. Threshold Level is the level of pest damage that would trigger city staff or the city's contractor to initiate a corrective action.



FY 09 - 10 Annual Report

Section 10

Provision C.10 Trash Load Reduction

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:

Not required for this Annual Report

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 develop a Baseline Trash Load and Trash Load Reduction Tracking Method (due February 1, 2012).

Description:

A summary of Program accomplishments for this sub-provision is included within the C.10 Trash Load Reduction section of Program's FY 09-10 Annual Report. Cupertino's direct participation is noted in the following excerpt from the Program's Report.

During FY 09 10, BASMAA agreed that the development of a trash load reduction tracking method, as required by Provision C.10.a.ii, will be a regional project with the BASMAA Trash Committee providing project oversight. The project scope of work includes the development of a tracking method, including associated formulas; baseline formation; and future data needs. In combination with the Baseline Trash Loading Estimate, the tracking method will assist MRP permittees in demonstrating progress towards trash load reduction goals (i.e., 40%, 70% and 100%) through quantification of the effectiveness of trash load reduction activities.

To assist with this process, in 2009 Program staff and co-permittees identified a list of potential control measures to be considered for load reduction tracking methodology development. Once the list was developed, Program, Cupertino, and San Jose staff conducted a literature review to evaluate quantification methods that have been used by others to assess trash control measure effectiveness or progress towards quantitative goals (e.g., TMDL allocations). Results of the literature review will be documented in a Technical Memorandum scheduled for completion in fall 2010.

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

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide a 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:

The City's Environmental Programs Mgr. and Public Works Engineer attended the May 4, 2010 ABAG meeting and trash vendor fair and reviewed

the "Fact Sheets" for the devices certified as full capture to prepare for the City's selection of full trash capture devices. The City plans to install these devices by July 1, 2014 to treat approximately 64 acres in Cupertino's high-priority litter areas.

A summary of Program accomplishments for this sub-provision are included within the C.10 Trash Load Reduction section of Program's FY 09-10 Annual Report. In addition, the Program recently finalized a technical report detailing the results of its Pilot Trash Structural Treatment Control Study implemented in 2007. This technical report is also available within the C.10 Trash Load Reduction section of Program's FY 09-10 Annual Report.

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. Provide required photo documentation.

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

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)
CUO01-Calabazas Creek	5/15/10	8-30 gal bags and many large items (car axle, bricks, cement, wood, etc.)	Plastic bags and plastic products, broken glass, construction debris, cigarette butts	Illegal dumping, litter, downstream accumulation
CUO02-Stevens Creek	5/8/10	9-30 gal bags and multiple large items (fencing, metal pieces, tires, buckets, shopping cart, etc.)	Beverage containers (plastic, aluminum, and glass), metal products, convenience/fast food items, plastic bags	Illegal dumping and litter

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/Dropoff 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

Not all trash load reduction actions were tracked by "loads removed" 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 (as feasible). See the Program's FY 09-10 Annual Report for schedule.

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	City Staff provided comments and helped develop the WEO anti-litter campaign		Aimed at reducing Pedestrian/Vehicle litter
Curbside Recycling Programs	FY 09-10	After the MRP was adopted the City negotiated a new curbside collection agreement that will expand curbside		Curbside collection will be expanded to include cooking oil & fluorescent bulbs. This will reduce the amount of grease being rinsed into the sanitary sewer and will reduce improper disposal of mercury containing lights.

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
		services as of Nov 1, 2010.		
Education and Outreach Efforts	Piloted in FY 08-09; Revised and continued in FY 09-10	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		Effort is to reduce Plastic Bag litter. The City is looking for a way to quantify this reduction.
Free Trash Pickup/Dropoff 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.		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 this event, paper shredding of confidential documents (at least two boxes per vehicle) was conducted onsite to assure residents that shredding is better than burning sensitive information. The shredding event has become by far the City's most popular free residential service.
County HHW Program Activities	FY 09-10	Cupertino increased funding mid-year to the Countywide HHW Program in addition to funding an annual increase. Landfill-disposal fees fund residential HHW		Household hazardous waste: paint, pesticides, cleansers, fertilizers, garden and pool chemicals, batteries and U-waste, E-waste are collected.

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
		<p>participation in SCC cities for approx. 4% of a city's population. Cupertino augments funding annually, and is currently serving at least 8% of the City's residents. Each year the participation has exceeded the anticipated annual growth.</p>		
Improved Trash Bin Management	FY 09-10	<p>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. The garbage company is looking into providing free used bins with attached lids to a few elementary schools to cut down on uncovered trash cans.</p>		<p>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.</p>
Inspection/Maintenance of Storm Drain Outfalls	FY 09-10	<p>The City's IDDE Inspector identified eleven priority</p>		<p>Unknown – Outfall screening results will be noted in the FY 10-11 Annual Report.</p>

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
		screening check points in two watersheds. Checkpoints will be screened and photographed in July 2010 to meet MRP req.		
Litter Pickup and Control	Ongoing	City Maintenance crews routinely collect litter in all City parks and from medians.		Food wrappers and beverage container litter. City parks & medians usually appear pristine and litter-free.
Removal of Homeless Encampments	City staff and cleanup volunteers have not yet identified any notable homeless encampments in Cupertino creek areas.			N/A
Solid Waste Recycling Efforts	FY 09-10	After the MRP adoption, the City negotiated a waste collection and recycling agreement that will expand recycling services for businesses & multi-family residential units Citywide as of Nov 1, 2010. Implementation will be reported in FY 10-11.		Reduction in littered recyclables, plastic bottles, aluminum cans, and paper cups.

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
Source Controls/Bans/Prohibitions	FY 09-10	After the adoption of the MRP, Cupertino's Environmental Programs Mgr became Chair of the Recycling and Waste Reduction Commission's (RWRC) Source Reduction and Recycling sub-group. This sub-group researched alternatives to polystyrene take-out food containers and the feasibility of local polystyrene bans.		A reduction in the ubiquitous 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 to identify all aspects and structures of the City's storm drain system.		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 Signage/Marking	FY 09-10	City began planning for a pilot project to		Goal is reduction in pedestrian-generated litter.

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
		replace painted storm drain stencils with more permanent signage in FY 09-10. In FY 10-11 stainless steel and brass markers will be purchased and tested, in priority traffic areas.		
Street Sweeping Activities	Annually	City maintained a contract to sweep residential streets twice a month and commercial streets weekly.		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 between the City and its franchised hauler has improved enabling the two entities to work		Reduces 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.

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
		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 cleanup event for a group of college students as part of its volunteer creek cleanup events in FY 09-10. In addition, City provided cleanup equipment, outreach materials, and supervision for a smaller group of college students who wanted to learn about creek cleanup and preservation.		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, car axle, tires, etc.), cigarette butts, rusted cans, and metal furniture pieces.



Appendix 10-1

Stevens Creek Trash Hot Spot Assessment Photos

Stevens Creek
Site ID: CU002

Before Photos-Creek Photos from every 50ft
April 29, 2010



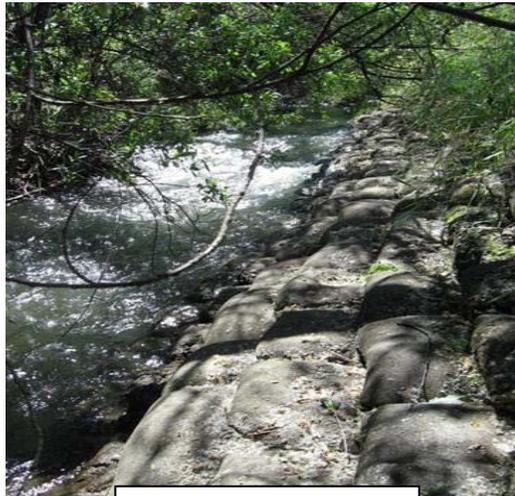
100429_CU002_A_1



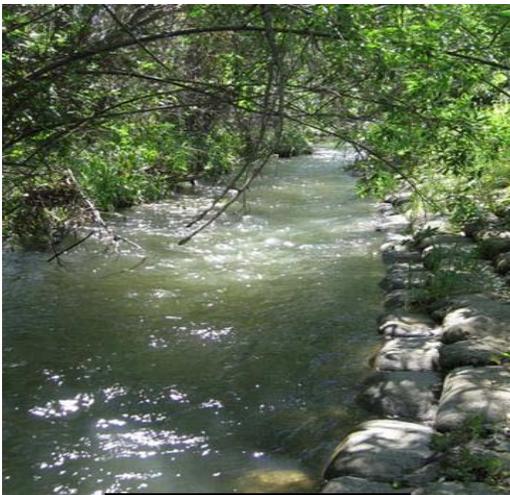
100429_CU002_B_1



100429_CU002_C_1



100429_CU002_D_1



100429_CU002_E_1



100429_CU002_F_1

Stevens Creek
Site ID: CU002

Before Photos of trash from every 50 ft taken April 29, 2010.
(In most cases trash is not visible from photos of the creek length, only from close up photos.)



100429_CU002_A_1



100429_CU002_B_1



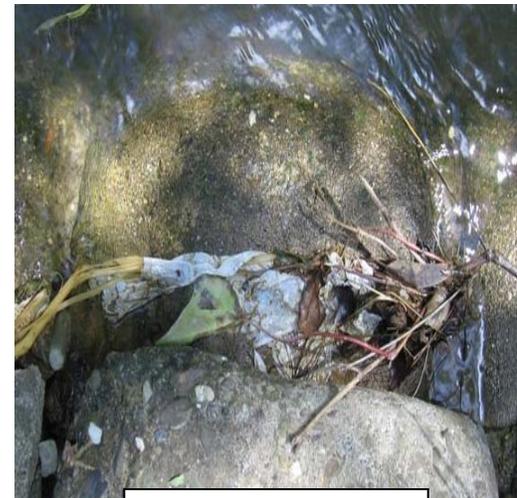
100429_CU002_C_1



100429_CU002_D_1



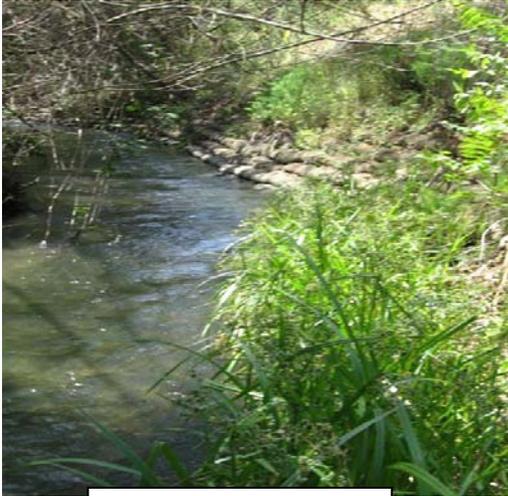
100429_CU002_E_1



100429_CU002_F_1

Stevens Creek
Site ID: CU002

After Photos
May 8, 2010



100508_CU002_A_2



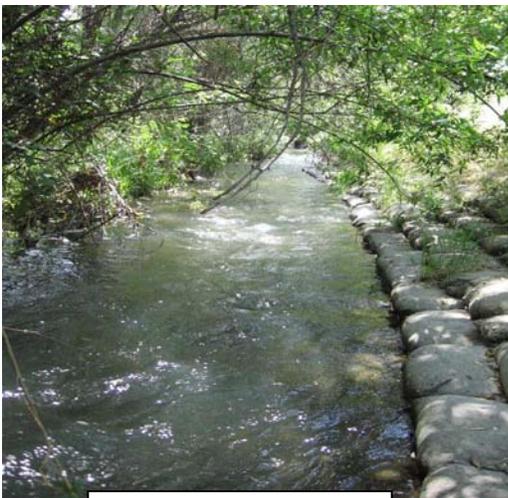
100508_CU002_B_2



100508_CU002_C_2



100508_CU002_D_2



100508_CU002_E_2



100508_CU002_F_2

Stevens Creek
Site ID: CU002

Materials Collected at 5/8/10 Cleanup

Nine (9) full 30 gallon bags of trash collected from 300ft of Stevens Creek, from both sides of the creek, along with large items such as tires, fencing, and metal objects.

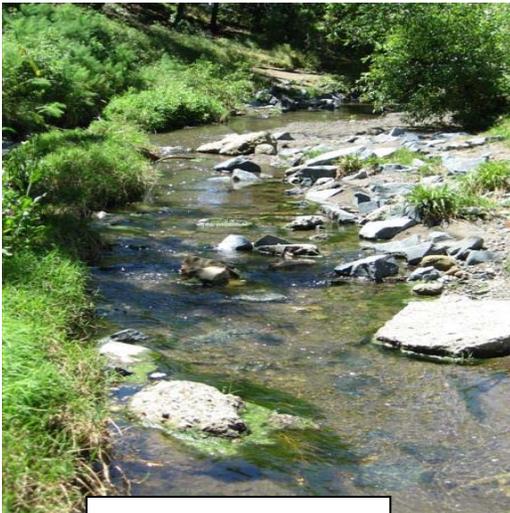




Appendix 10-2

Calabazas Creek Trash Hot Spot Assessment Photos

Calabazas Creek
Site ID: CU001
Before Photos Taken Every 50ft
May 5, 2010



100505_CU001_A_1



100505_CU001_B_1



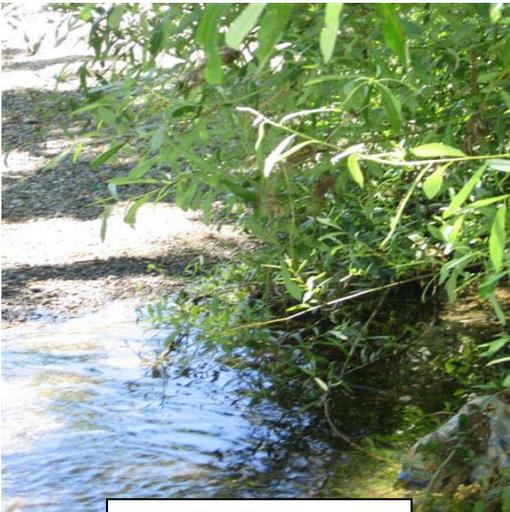
100505_CU001_C_1



100505_CU001_D_1



100505_CU001_E_1



100505_CU001_F_1

Calabazas Creek

Site ID: CU001

Before Photos of Trash Taken Every 50ft

(In most cases trash is not visible from photos of the creek length, only from close up photos.)

May 5, 2010



100505_CU001_A_1



100505_CU001_B_1



100505_CU001_C_1



100505_CU001_D_1



Plastic bags entangled in bank

100505_CU001_E_1



100505_CU001_F_1

Calabazas Creek
Site ID: CU001
After Photos
May 15, 2010



100515_CU001_A_2



100515_CU001_B_2



100515_CU001_C2_2



100515_CU001_D_2



100515_CU001_E_2



100515_CU001_F_2

Calabazas Creek
Site ID: CU001
Materials Collected 5/15/10



Approximately two(2) full-30 gallon bags of trash collected from 300ft of Calabazas Creek (both sides of creek), as well as several large metal pieces,





FY 09 - 10 Annual Report

Section 11

Provision C.11 Mercury Controls

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).

A summary of Program accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 09-10 Annual Report and the BASMAA Regional POC Report.

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

The City participates in 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 annual Corp Yard or Municipal Service Center (MSC) staff training was held on 8/5/09 and included a discussion on how to safely clean up mercury spills (contained in the City's Mercury policy). A laminated mercury spill fact sheet (poster) with safe cleanup tips was put together by *Environmental Programs* staff in response to a resident that called to report that she had broken a thermometer in the house and was worried about the safety of her small children. The laminated guidance was kept on hand to help *Environmental Programs* staff respond quickly to callers and another copy was placed in the MSC office. A binder-sized copy was provided to include in the MSC SWPPP.

Mercury Thermometer Exchange Events for non-mercury thermometers:

- Cupertino's Fall Festival on 9/19/09 & 9/20/09-collected 50 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 2nd Annual Earth Day Film and Fun Festival Date on 4/17/10- collected 25 mercury thermometers and exchanged them for non-mercury thermometers. Information on mercury pollution prevention and safe collection sites for mercury containing products was provided.

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.

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 August, as well as ongoing disposal services of the HHW Program and drop-off sites available throughout the City.

Residents are regularly referred to the County HHW drop-off program to properly to dispose of hazardous material, including mercury-containing products. In FY 09/10, the City negotiated a new waste and recycling collection agreement that will provide for door-to-door collection of household hazardous waste from all Cupertino residents (including multi-family). The door-to-door service will give residents an additional free opportunity for mercury product disposal beginning on the Agreement implementation date (Nov. 1, 2010.)

A County HHW Event, including the collection of fluorescent bulbs, was held at De Anza College in Cupertino on 8/29/09. A total of 856 Cupertino households participated in this event. Based on past participation, the County projects that 1,544 Cupertino households will bring their hazardous waste to the drop off events in FY 10-11. With the implementation of door-to-door collection, the City hopes to increase that number by another 500 – 700 households. Actual participation will be reported in next year's annual report.

Cupertino supports Santa Clara County's Fluorescent Light-Recycling partnership with 34 hardware stores within the County.

The City of Cupertino and its garbage & recycling company offered three free Environmental Recycling Days allowing residents to drop off used fluorescent bulbs, U-Waste and E-Waste. A total of 1,068 Cupertino residents participated in the collection events on 10/17/09, 1/23/10, and 3/20/10.

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 October 2009, 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 FY09-10.

Public Education on emissions of mercury from Portland Cement manufacturing plants

On January 12, 2010, Cupertino's City Council hosted a Study Session on the environmental impacts of Lehigh Cement Plant on the surrounding community. The Lehigh plant is in the County of Santa Clara's unincorporated area, but the facility has a Cupertino street address. Current and future environmental regulations were reviewed for impacts on air, water, and level of noise within the community. Both the council members and concerned citizens were granted the opportunity to ask questions of the experts with regulatory and enforcement responsibilities for plant emissions. The following agencies gave presentations on their roles in regulating the Lehigh facility: US Environmental Protection Agency (EPA) Region 9, Lehigh Title V Permits Environmental Engineer (Shaheera Kelly); Bay Area Air Quality Management District (BAAQMD), Chief Executive Officer (Jack Broadbent), and Director of Engineering (Brian Bateman); Regional Water Quality Control Board, Chief Engineer, Division Chief

Watershed Management Division (Shin-Roei Lee); County of Santa Clara, Director of the Department of Planning (Jody Hall Esser) and Development and Senior Planner Gary Rudholm); and Jim Pompy from the State Office of Mine Reclamation. Each agency representative gave an introduction to the role their agency plays in regulating the cement plant. The residents and Council members were informed that new EPA permit rules decreasing the amount of allowable mercury emissions from the cement plant would be adopted in the spring or summer of 2010.

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. The methodologies for estimating the mass of mercury collected through mercury collection and recycling efforts are currently in development and are due to the Water Board by September 15, 2010. Therefore, estimates could not be made for FY 09-10. Estimates of the mass of mercury collected through recycling efforts during FY 10-11 will be provided with the FY 10-11 Annual Report (see FY 10-11 BASMAA Regional POC Report).

Collection of mercury containing products from City facilities for FY 09-10:

Quantity	Material to be Recycled
Fluorescent 2 FT	14
Fluorescent 3 FT	33
Fluorescent 4 FT	580
Fluorescent 8 FT	10
Fluorescent Compacts	255
Fluorescent U Shape & Circular	1
HID (High Intensity Discharge)	398
SYL300t3Q/Clehm/02 120 V Quartz Lamp	20
Batteries (lbs) (Batteries, Wt, filled with Acid or Alkali 8,UN2794 or UN2795, PGIII)	81

C.11.a.ii ► Mercury Collection

- 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 Program accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report.



FY 09 - 10 Annual Report

Section 12

Provision C.12 PCBs Controls

Section 12 - Provision C.12 PCBs Controls

C.12.a.i,iii ▶ Municipal Inspectors Training	
<i>(For FY 09-10 Annual Report only)</i> 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 through in-kind contributions of SCVURPPP to BASMAA. Training materials can be found in the BASMAA Regional POC Report. Training for Cupertino Industrial Commercial Inspectors on identifying PCBs or PCB-containing equipment during annual inspections will be conducted on September 21, 2010. The City's IDDE Inspector will also attend. A report on the training will be provided in Cupertino's FY 10-11 Annual Report.	
C.12.a.ii,iii ▶ Ongoing Training	
<i>(For FY 10-11 Annual Report and Each Annual Report Thereafter)</i> 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.	
Not required for this Annual Report.	
<p>C.12.b ▶ Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities</p> <p>C.12.c ▶ Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations</p> <p>C.12.d ▶ Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices</p> <p>C.12.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit</p> <p>C.12.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs</p> <p>C.12.g ▶ Monitor Stormwater PCB Pollutant Loads and Loads Reduced</p> <p>C.12.h ▶ Fate and Transport Study of PCBs In Urban Runoff</p> <p>C.12.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region</p>	
A summary of Program accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report.	

Section 12 - Provision C.12 PCBs Controls

C.12.a.i,iii ▶ Municipal Inspectors Training	
<p><i>(For FY 09-10 Annual Report only)</i> 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.</p>	
<p>In FY 09-10, inspector training materials were developed through in-kind contributions of SCVURPPP to BASMAA. Training materials can be found in the BASMAA Regional POC Report.</p>	
C.12.a.ii,iii ▶ Ongoing Training	
<p><i>(For FY 10-11 Annual Report and Each Annual Report Thereafter)</i> 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.</p>	
<p>Not required for this Annual Report.</p>	
<p>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</p>	
<p>A summary of Program accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report.</p>	



FY 09 - 10 Annual Report

Section 13

Provision C.13 Copper Controls

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
<p>The City's Stormwater Pollution Prevention and Watershed Protection Ordinance does not allow for exterior architectural copper in any new or redevelopment projects within the City. See 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</p>				

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
<p>See Cupertino 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</p>				

C.13.c ► Vehicle Brake Pads

<p>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 09-10 Annual Report and/or the BASMAA Regional POC Report.</p> <p>To help prevent pollution from car wash events, the City purchased a Sudsafe storm drain protection kit that was borrowed by nonprofit and school groups on 3/17/10 & 6/26/10. The City's IDDE Inspector provided the training for proper use of the Car Wash Kit. Guidelines for 'How to Hold a Fund-Raising Car Wash' and information on the City's free Car Wash Kit are available on the City's website at: http://www.cupertino.org/index.aspx?page=169 Link to Car Wash Kit PDF: http://www.cupertino.org/Modules/ShowDocument.aspx?documentid=320</p>
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C.13.d.iii ► Industrial Sources Copper Reduction Results

List below or attach annotated lists or tables from your Industrial and Commercial Site Controls portion of this report, that highlight copper reduction results among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed. For FY09-10 describe below or highlight in the C.4 Evaluation portion (if provided) of this report the steps taken to revise your program to meet new data tracking and reporting requirements for implementation levels described in C.13.d.ii.

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. To see a list of all industrial and commercial facility inspection results please see the table included in Appendix 6-1 of this Annual Report.

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. See Section 4-1 of this report for inspection results.

The City continued to track planned discharges from fire sprinkler system and fire hydrant tests with the assistance of the Santa Clara County Fire Department. In FY 09-10 the City's IDDE Inspector stayed onsite during all fire water tests and collected tracking forms from businesses to ensure proper use of BMPs during testing on private property within the City of Cupertino.

Regional Contributions

In FY 09-10, inspector training materials were developed through in-kind contributions of SCVURPPP to BASMAA. Training materials can be found in the BASMAA Regional POC Report.

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

A summary of the Program's efforts (i.e., participation in RMP committee and work group meetings) to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program's FY 09-10 Annual Report and/or BASMAA Regional POC Report.



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Section 14

Provision C.14 PBDE, Legacy Pesticides and Selenium Controls

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

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

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

A summary of the Program's efforts (i.e., participation in RMP committee and work group meetings) to develop a Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 09-10 Annual Report and/or BASMAA Regional POC Report.



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Section 15

Provision C.15 Exempted and Conditionally Exempted Discharges

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

C.15.b.iii.(1), C.15.b.iii.(2) ► Planned and Unplanned Discharges of Potable Water			
Is your agency a water purveyor?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If No , skip to C.15.b.vi.(2):			
If Yes , Complete the attached reporting tables or attach your own table with the same information. Describe program highlights below. For FY 09-10 only, describe steps taken to revise your program to meet new monitoring, data tracking and reporting requirements.			
C.15.b.vi.(2) ► Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering			
Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:			
<ul style="list-style-type: none"> • Promote conservation programs • Promote outreach for less toxic pest control and landscape management • Promote use of drought tolerant and native vegetation • Promote outreach messages to encourage appropriate watering/irrigation practices • Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff. 			
Summary:			
City adopted a Water Efficient Landscape Ordinance, which went into effect June 3, 2010. The ordinance can be viewed at the City's website at http://www.cupertino.org/index.aspx?page=951 see "Please click here for the Ordinance"			
City has held two large community events where the BASMAA Pest Control Fact Sheets were featured as handouts along with Our Water Our World "Pests Bugging You?" pocket guides to promote least-toxic methods of pest control and garden chemical applications. The City negotiated with its franchised waste hauler, Recology, to promote Citywide composting with the purchase 400 backyard home composting bins as free gifts for residents who take a home composting class or a Bay Friendly Gardening class. The City has already seen an increase in Cupertino residents registering for upcoming Bay Friendly classes. Bay Friendly Gardening encourages residents to make environmentally friendly gardening choices which protect the watersheds of San Francisco Bay by, among other things, avoiding the use of synthetic fertilizers and toxic pesticides. See Section 7 of the City's Annual Report for additional IPM and pesticide-reduction public outreach activities conducted by the City in FY 09-10. 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. These conditions are a requirement of the City's water efficient landscape ordinance as well as a requirement for all C.3 regulated projects. The City's IDDE Inspector investigates for excessive irrigation runoff at private businesses and residential properties. A verbal warning is provided for a first offense and a notice of violation is written for a second offense. Ongoing problems after a verbal warning and a written notice may result in an administrative citation with fines starting at \$100. The City's escalated enforcement was implemented on April 1, 2010.			

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

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

Is your agency a water purveyor? Yes No

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

If **Yes**, Complete the attached reporting tables or attach your own table with the same information. Describe program highlights below. For FY 09-10 only, describe steps taken to revise your program to meet new monitoring, data tracking and reporting requirements.

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

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

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

Summary:

City adopted a Water Efficient Landscape Ordinance, which went into effect June 3, 2010. The ordinance can be viewed at the City's website at <http://www.cupertino.org/index.aspx?page=951> see "Please [click here](#) for the Ordinance"

City has held two large community events where the BASMAA Pest Control Fact Sheets were featured as handouts along with Our Water Our World "Pests Bugging You?" pocket guides to promote least-toxic methods of pest control and garden chemical applications. See Section 7 of the City's Annual Report for additional IPM and pesticide-reduction public outreach activities conducted by the City in FY 09-10.

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. These conditions are a requirement of the City's water efficient landscape ordinance as well as a requirement for all C.3 regulated projects.

The City's IDDE Inspector investigates for excessive irrigation runoff at private businesses and residential properties. A verbal warning is provided for a first offense and a notice of violation is written for a second offense. Ongoing problems after a verbal warning and a written notice may receive an administrative citation with fines starting at \$100. The City's Illicit Discharge Detection and Elimination Enforcement Response Plan was completed and put into effect on April 1, 2010.