

City of Palo Alto

Public Works Department

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 Palo Alto FY 2009-2010 Annual Report

Dear Mr. Wolfe:

Divisions

Administration
650.329.2373
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Engineering
650.329.2151
650.329.2299 fax

Environmental
Compliance
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650.494.3531 fax

Equipment
Management
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Facilities
Management
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Operations
650.496.6974
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Regional Water
Quality Control
650.329.2598
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This letter and Annual Report with attachments is submitted by the City of Palo Alto 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:

- A. Certification Statement
- B. Annual Report Form
 - Table of Contents
 - Completed Annual Report Form: Sections 1-15
- C. Appendix
 - Table of Contents
 - Appendices

Please contact me at 650-329-2129 regarding any questions or concerns about the attached report.

Very truly yours,



Joe Teresi
Senior Engineer
SCVURPPP Management Committee Representative
Public Works Engineering

Attachments

cc:	Glenn Roberts	Jon Hospitalier
	Phil Bobel	Ken Torke
	Mike Sartor	Chris Fujimoto
	Paul Dornell	Brad Eggleston
	Sean Kennedy	Javad Ghaffari

P.O.Box 10250
Palo Alto, CA 94303

**CITY OF PALO ALTO
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:



Joe Teresi
Senior Engineer

September 15, 2010

ATTACHMENT B

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Section 1 – Permittee Information

Background Information				
Permittee Name:	City of Palo Alto			
Population:	59,395			
NPDES Permit No.:	CAS612008			
Order Number:	R2-2009-0074			
Reporting Time Period (month/year):	July 1 2009 through June 30 2010			
Name of the Responsible Authority:	Joe Teresi	Title:	Senior Engineer	
Mailing Address:	Public Works Engineering / 250 Hamilton Avenue			
City:	Palo Alto	Zip Code:	94301	County: Santa Clara
Telephone Number:	(650) 329-2129	Fax Number:	(650) 329-2299	
E-mail Address:	Joe.teresi@cityofpaloalto.org			
Name of the Designated Stormwater Management Program Contact (if different from above):		Title:		
Department:				
Mailing Address:				
City:		Zip Code:		County:
Telephone Number:		Fax Number:		
E-mail Address:				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:
 Public Works staff conducted the following activities related to Municipal Operations during FY2009-10:

- Compilation of an inventory of the City’s storm water pump stations.
- Review of the Storm Water Pollution Prevention Plan (SWPPP) for the Municipal Service Center (corporation yard) for compliance with MRP requirements.
- Annual inspection of the Municipal Service Center for SWPPP compliance.
- Public Works Superintendent Sean Kennedy participated in the Program’s Municipal Operations Ad Hoc Task Group (AHTG) and reviewed products developed by the AHTG.
- Developed a protocol and schedule for storm water pump station discharge water quality sampling and testing, scheduled to commence in FY2010-11.

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 and the BASMAA Municipal Operations Committee.

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 storm water
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:

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 storm water |
| X | Implementation of the BASMAA Mobile Surface Cleaner Program BMPs |

Comments:

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

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

- | | |
|----------|--|
| X | Control of discharges from bridge and structural maintenance activities directly over water or into storm drains |
| X | Control of discharges from graffiti removal activities |
| X | Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities |
| X | Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal |

Comments:

C.2.d. ► Stormwater Pump Stations

Does your municipality own stormwater pump stations: **Yes** **No**

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

(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
Not required for this Annual Report.				

(For FY 10-11 Annual Report only) Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:

Summary:
 Not required for this Annual Report.

Attachments:

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

Pump Station Name and Location	Date (2x/year required)	Presence of Trash (Cubic Yards)	Presence of Odor (Yes or No)	Presence of Color (Yes or No)	Presence of Turbidity (Yes or No)	Presence of Floating Hydrocarbons (Yes or No)
Not required for this Annual Report.						

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:		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If your answer is No then skip to C.2.f.			
Place an X in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:			
<input checked="" type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas		
<input checked="" type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources		
<input checked="" type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts		
<input checked="" type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality		
<input checked="" type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion		
<input checked="" type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate		
<input checked="" type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings		
<p>Comments including listing increased maintenance in priority areas: We have been implementing the Program's Rural Public Works Maintenance Performance Standard and associated BMPs since 2003. Maintenance staff attended the Program's "Rural Roads Maintenance BMPs" Workshops on September 25 and 26, 2008, presented by Ledwith Watershed Services.</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.

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 N/A 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-storm water 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 type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments: Hazardous materials and waste products stored at the Municipal Service Center (MSC) are covered and not exposed to storm water. There are, however, bulk storage bunkers for sand, base rock, compost, construction debris, etc. that are uncovered. MSC staff use housekeeping Best Management Practices (e.g. spill controls, street sweeping, and catch basin filters, etc.) to prevent loose materials from entering the storm drain system. Requests have been made to provide covered storage areas as part of the future remodel of the MSC.			
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	3/4/2010	Industrial Waste Investigator Chris Fujimoto found minor deficiencies and required maintenance staff to 1) remove sediment, loose trash, and leaf materials adjacent to storm drains, 2) relocate chemicals into proper containment areas or indoors, and 3) to re-mark all storm drains inlets with a "No Dumping!" message.	As of March 30, 2010, all identified inspection findings had been corrected, except for the inlet markers. Staff required more time to purchase metal storm drain marker discs. Follow-up: All storm drain markers were installed by August 31. This site will be inspected again this fall, prior to the first rain.

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).

Summary:

Not required for this Annual Report.

C.3.b. ► Green Streets Status Report

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

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

Summary:

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.

Palo Alto is considering the future implementation of a Green Street project in the Southgate neighborhood of the city. The project may include the routing of storm water runoff from neighborhood streets to an underground cistern for use as irrigation water at an adjacent park, and/or replacement of sections of existing street pavement with pervious pavement materials.

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

Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information

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

<p>(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information</p>
<p>(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.</p>
<p>Summary: Storm water treatment devices at inspected facilities are generally performing well and are being adequately maintained by the facility owners. It has been observed during facility inspections that the use of vegetated swales, media filters, and infiltration trenches as storm water treatment controls in high traffic areas require substantial maintenance to ensure that they work as designed to not allow trash / debris to enter the storm drain system. It is recommend that areas that serve high public demand also have appropriate trash and recycling containers installed nearby.</p>
<p>(3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).</p>
<p>Summary: The City of Palo Alto storm water treatment systems O&M verification inspection program continues to be effective in inspections and associated fees per signed individual maintenance agreements. Staff is pursuing an ordinance change in Fall 2010 to require permit applicants to retain an independent 3rd party to visit the project site and verify that storm water treatment controls have been installed in accordance with the approved plans.</p>

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 ³ , Street Address	Name of Developer	Project Phase No. ⁴	Project Type & Description ⁵	Project Watershed ⁶	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New and/or Replaced Impervious Surface Area ⁷ (ft ²)	Total Pre-Project Impervious Surface Area ⁸ (ft ²)	Total Post-Project Impervious Surface Area ⁹ (ft ²)
Private Projects										
Town & Country Shopping Center	855 El Camino Real	Ellis Partners	N/A	Redevelopment; reconstruction of existing parking lot at retail shopping mall	San Francisquito Creek	11.2	5.4	214,000	221,000	214,000
Palo Alto Medical Foundation building	49 Wells Avenue	Palo Alto Medical Foundation	N/A	Redevelopment; construction of new medical office bldg.	San Francisquito Creek	0.4	0.4	16,147	16,897	16,147
Elks Club Lodge	4249 El Camino Real	Elks Club	N/A	Redevelopment; construction of replacement club lodge	Barron Creek	2.8	2.8	94,836	114,559	94,836
Public Projects										
Mitchell Park Library & Community Center	3700 Middlefield Road	City of Palo Alto	N/A	Redevelopment; construction of replacement library and community center buildings	Adobe Creek	3.4	3.4	112,829	107,900	112,829

³ Include cross streets

⁴ If a project is being constructed in phases, use a separate row entry for each phase.

⁵ 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.

⁶ State the watershed(s) that the Regulated Project drains to. Optional but recommended: Also state the downstream watershed(s).

⁷ State both the total new impervious surface area and the total replaced impervious surface area, as applicable.

⁸ For redevelopment projects, state the pre-project impervious surface area.

⁹ 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 ¹⁰	Source Control Measures ¹¹	Site Design Measures ¹²	Treatment Systems Approved ¹³	Operation & Maintenance Responsibility Mechanism ¹⁴	Hydraulic Sizing Criteria ¹⁵	Alternative Compliance Measures ^{16/17}	Alternative Certification ¹⁸	HM Controls ^{19/20}
Private Projects									
Town & Country Shopping Center	7/7/2009	Storm drain stenciling; covered trash dumpster	Permeable pavement	Filterra tree planter filter units; infiltration basin	Recorded O&M agreement with owner	Flow based option 2c (0.2 inches/hr rainfall)	N/A	N/A	Drains to tidal area
Palo Alto Medical Foundation building	7/17/2009	Storm drain stenciling; covered trash dumpster		Bioretention planter boxes	Recorded O&M agreement with owner	Flow based option 2c (0.2 inches/hr rainfall)	N/A	N/A	Drains to tidal area
Elks Club Lodge	8/6/2009	Storm drain stenciling; covered trash dumpster	Permeable pavement	Bioswales; Manufactured media filter	Recorded O&M agreement with owner	Flow based option 2c (0.2 inches/hr rainfall)	N/A	N/A	Drains to hardened channel

¹⁰ 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.

¹¹ 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.

¹² 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.

¹³ 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.).

¹⁴ 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.

¹⁵ 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)

¹⁶ 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.

¹⁷ 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.

¹⁸ Note whether a third party was used to certify the project design complies with Provision C.3.d.

¹⁹ If HM control is not required, state why not.

²⁰ 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 ¹⁰	Source Control Measures ¹¹	Site Design Measures ¹²	Treatment Systems Approved ¹³	Operation & Maintenance Responsibility Mechanism ¹⁴	Hydraulic Sizing Criteria ¹⁵	Alternative Compliance Measures ^{16/17}	Alternative Certification ¹⁸	HM Controls ^{19/20}
Public Projects									
Mitchell Park Library & Community Center	6/30/2010	Storm drain stenciling; covered trash dumpster	Tree preservation; green roofs; porous concrete; native landscaping palette	Bio-retention swale	Signed agreement with Public Works Facilities Division	Volume based – Urban Runoff Quality Approach (1a)	N/A	N/A	Drains to hardened channel

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

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

Facility/Site	Party Responsible For Maintenance	Date of Inspection	Type of Inspection	Type of Treatment /HM Controls Inspected	Inspection Findings or Results	Enforcement Actions Taken	Comments
Stanford / Palo Alto Playing Fields - 2700 El Camino Real, Palo Alto 94306	City of Palo Alto - Community Services Division	6/1/2010	Annual	Vegetated Swale, Porous Pavement, and Underground Detention Systems	No Visible / Apparent Problems	None	
800 High Street Condominiums - 800 High Street, Palo Alto, CA 94301	SWIMS - P.O. Box 1627, Discovery Bay, CA 94505	6/1/2010	Annual	Bioretention and Vortex Separator	No Visible / Apparent Problems	None	
VTA Transit Center - 95 University Avenue, Palo Alto, CA 94301	VTA Facilities Maintenance	6/2/2010	Annual	Vegetated Swale, Media Filter, and Infiltration Trench	Trash / Debris Accumulation and Clogged Inlets	Warning Notice	VTA Maintenance shall make all necessary repairs, clear debris from storm drain inlets, and remove garbage from vegetated areas.
New Watson Court - 2450 Watson Court, Palo Alto, CA 94303	Property owner	6/7/2010	Annual	Vegetated Swale	No Visible / Apparent Problems	None	
Arbor Real Townhomes - 4219 El Camino Real, Palo Alto, CA 94306	SWIMS - P.O. Box 1627, Discovery Bay, CA 94505	6/3/2010	Annual	Vegetated Swale, Porous Pavement, and Vortex Separator	No Visible / Apparent Problems	None	
Echelon Townhomes - 1101 East Meadow Drive, Palo Alto, CA 94303	Echelon HOA - P.O. Box 20094, San Jose, CA 95160	6/3/2010	Annual	Porous Pavement and Vortex Separator	No Visible / Apparent Problems	None	Echelon HOA shall contract with appropriate maintenance operator to conduct regular prescribed maintenance and inspections.
Keys Middle School - 3981 El Camino Real, Palo Alto, CA 94306	Keys Middle School - 3981 El Camino Real, Palo Alto, CA 94306	6/3/2010	Annual	Vortex Separator	No Visible / Apparent Problems	None	Keys Middle School shall contract with appropriate maintenance operator to conduct regular prescribed maintenance and inspections.
Campus for Jewish Life - 899 Charleston Road, Palo Alto, CA 94303	Moldaw Family Residences - 899 Charleston Road, Palo Alto, CA 94303	6/9/2010	Annual	Vegetated Swale	No Visible / Apparent Problems	None	

FY 2009-2010 Annual Report

Permittee Name: City of Palo Alto

C.3 – New Development and Redevelopment

Walgreens - 310 University Avenue, Palo Alto, CA 94301	Premier Properties Management - 172 University Avenue, Palo Alto, CA 94301	6/10/2010	Annual	Vortex Separator	No Visible / Apparent Problems	None	Premier Properties Management shall contract with appropriate maintenance operator to conduct regular prescribed maintenance and inspections.
SAP Building 2 - 3412 Hillview Avenue, Palo Alto, CA 94304	ECOSystems Landscape Solutions - 458 Park Street, Redwood City, CA 94061	6/11/2010	Annual	Vegetated Swale	No Visible / Apparent Problems	None	
Altaire Townhomes - 901 San Antonio Road, Palo Alto, CA 94303	Regis Construction - 901 Mariners Island Blvd, San Mateo, CA 94404	6/10/2010	Annual	Vortex Separator and Vegetated Swale	No Visible / Apparent Problems	None	Site is still under construction. Contractor will turn over maintenance to HOA in the future.

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 storm water pollutant control on industrial sites? Yes No

If **No**, explain:

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

If **No**, explain:

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

The City of Palo Alto continues to conduct an aggressive storm water pollution prevention program coordinated with the sanitary sewer source control program. All inspections of industrial and commercial facilities include a storm water inspection.

- Inspections were conducted at all food service facilities to confirm that polystyrene (Styrofoam™) containers have been eliminated as required by a recent ordinance banning such products.
- The forms and database used to collect information regarding storm water inspection and enforcement activities have been updated to include all the information required for the new reporting specified in the Municipal Regional Permit.
- The Sewer Use Ordinance (Palo Alto Municipal Code Chapter 16.09) received a significant update, including expanded storm water provisions.
- The existing Enforcement Response Plan was updated to specifically include provisions required by the Municipal Regional Permit.
- The existing industrial/commercial database contains all facilities lists which are current and cover all required sectors. A very small number of new facilities were added to the inspection list as a result of the new program requirements.
- City staff have participated in the Program's IND/IDDE Ad Hoc Task Group and have reviewed and incorporated relevant information into the products and reports produced. Further details of the activities and accomplishments of the Ad Hoc Task Group are included in the C.4 Industrial and Commercial Site Controls section of the Program's FY 09-10 Annual Report.

C.4.b.i. ► Business Inspection Plan

(For FY 09-10 Annual Report only) Do you have a Business Inspection Plan? Yes No

If No, explain:
 Commercial and industrial facilities in regulated categories are inspected for wastewater and storm water pollution prevention issues as documented in the City of Palo Alto’s annual Pretreatment Report and Clean Bay Plan. Portions of these documents are attached in Appendix 4-1. The complete plans can be found online at <http://www.cityofpaloalto.org/civica/filebank/blobdload.asp?BlobID=19090> and <http://www.cityofpaloalto.org/depts/pwd/news/details.asp?NewsID=1527&TargetID=150> respectively.
 Potential facilities identified by the MRP/AHTG but not covered under our existing activities have been added to the Potential Facilities List. Most of these facilities have already been visited during the course of other activities but will receive their first formal storm water inspections during the coming fiscal year to determine if they need to be added to the regular inspection schedule.

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

List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of storm water runoff.

Commercial and industrial facilities in regulated categories are inspected for wastewater and storm water pollution prevention issues as documented in the City of Palo Alto’s annual Pretreatment Report and Clean Bay Plan. Facility data, status and inspection results are stored in a database. A list of the facilities subject to periodic inspection is attached in Appendix 4-2.
 Potential facilities identified by the MRP/AHTG but not covered under our existing activities have been added to the Potential Facilities List. Most of these facilities have already been visited during the course of other activities but will receive their first formal storm water inspections during the coming fiscal year to determine if they need to be added to the regular inspection schedule.

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

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

A list of facilities subject to inspection in FY 09-10 and planned inspection frequencies is attached in Appendix 4-3.

C.4.c.iii.(1) ► Facility Inspections

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

	Number	Percent
Number of businesses inspected (if known)	201	100%
Total number of inspections conducted	275	
Violations issued (excluding verbal warnings)	26	

Sites inspected in violation	46	17%
Violations ¹ resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	46	100%

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.
 Discharges reaching storm drains and/or receiving waters was not a parameter tracked in our database for FY09-10. The city's new inspection database has the capability to track this information. City IT contractor will add these fields to the database in order to facilitate reporting for FY 10-11.

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. non-storm water discharge)	Unknown
Potential discharge (e.g. BMPs not in place or ineffective)	Unknown

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	20	43%
Level 2	Written Warning	24	52%
Level 3	Administrative Citation	2	5%
Level 4	Judicial/Criminal/Civil Action	0	0%
Total		46	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	Actual Discharge Violations	Potential Discharge Violations
A summary list of violations by business category is attached in Appendix 4-4.		

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:

No facilities were identified as non-filers during this fiscal year.

C.4.d.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
C.3. Annual Storm water Workshop	June 8, 2010	Permit Provision C.3 requirements	1	100%
Statewide Construction General Permit Overview Workshop	April 27, 2010	Construction General Permit	1	100%
CWEA – West Coast Storm Scenario	April 15, 2010	Storm Preparedness	1	100%
Construction Site Compliance Workshop	January 19, 2010	Construction Site Controls	3	100%
Construction Site Compliance Workshop	October 21, 2009	Construction Site Controls	1	100%
CWEA P3 Conference	March 2, 2010	Various pollution prevention topics	1	100%
The Public Works Environmental Compliance Division employs one full-time dedicated storm water investigator and four additional inspectors/investigators who conduct storm water inspections as part of their routine activities or as cross-training for supplemental response. All staff receive training in storm water inspection topics as well as updates during regular weekly staff meetings.				

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? Yes No

If **No**, explain:

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? Yes No

If **No**, explain:

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

All appropriate Public Works and Utilities field crews receive annual training on storm water pollution prevention topics to increase awareness. Illicit discharges and potential storm water pollution issues are reported directly to the Environmental Compliance Division by field crew members.

Storm water collection system maps are maintained on the City Geographic Information System (GIS) and are available to all City staff. Maps are available for inspection by members of the public at the City’s Development Center, located at 285 Hamilton Avenue. The Oakland Museum watershed map covering the City of Palo Alto has been posted for public inspection on the Program website. Printed map sets are prepared and have been distributed to appropriate staff to aid in identification, response, and prevention of illicit discharges.

Palo Alto has not implemented a revised storm drain collection system screening process. We continue to rely on Public Works Operations maintenance crews to report illicit discharges during their annual visits to clean each storm drain catch basin throughout the City each fall and monthly preventative maintenance visits to the storm water pump stations. Any unusual discharges are reported to the Public Works Environmental Compliance staff for follow-up investigation as to potential discharge sources. Although our existing screening program was not specifically designed to conform to the USEPA guidance document referenced in the MRP, we believe that its effectiveness exceeds the referenced standard.

The forms and database used to collect information regarding storm water inspection and enforcement activities have been updated to include all the information required for reporting per the Municipal Regional Permit.

The Sewer Use Ordinance (Palo Alto Municipal Code Chapter 16.09) received a significant update, including expanded storm water provisions.

The existing Enforcement Response Plan was updated to specifically include provisions required by the Municipal Regional Permit.

City staff have participated in the Program’s IND/IDDE Ad Hoc Task Group and have reviewed and incorporated relevant information into the products and reports produced. Further details of the activities and accomplishments of the Ad Hoc Task Group are included in the C.5 Illicit Discharge Detection and Elimination section of the Program’s FY 09-10 Annual Report.

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
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The appropriate spill response numbers and contacts have been updated and are attached in Appendix 5-1.

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

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

Description:

The City participates in the BASMAA Mobile Surface Cleaners regional program and responds to all internal and external referrals. Public Works and Utilities Operations staff are trained to identify and report violations to Environmental Compliance Division staff. The City of Palo Alto requires all contractors retained by the City to perform exterior cleaning to be certified through the BASMAA Program or equivalent.

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

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

Description:

Palo Alto has not implemented a revised storm drain collection system screening process. We continue to rely on Public Works Operations maintenance crews to report illicit discharges during their annual visits to clean each storm drain catch basin throughout the City each fall and monthly preventative maintenance visits to the storm water pump stations. Any unusual discharges are reported to the Public Works Environmental Compliance staff for follow-up investigation as to potential discharge sources. Although our existing screening program was not specifically designed to conform to the USEPA guidance document referenced in the MRP, we believe that its effectiveness exceeds the referenced standard.

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)
 Discharges reaching storm drains and/or receiving waters was not a parameter tracked in our database for FY09-10. The city's new inspection database has the capability to track this information. City IT contractor will add these fields to the database in order to facilitate reporting for FY 10-11.

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	61	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	unknown	N/A
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.

A majority of FY 2009-2010 ICID Inspections were conducted at "Other" locations (public facilities).

The first location that generated 16% of the total inspections was the San Francisquito Creek Storm Water Pump Station. In accordance with the approval, development, and operation of the City's newest pump station located on San Francisquito Creek at East Bayshore Road, the City of Palo Alto was required by the Regional Water Quality Control Board to collect water samples from 9/4/2009 to 4/20/2010 to measure the pump station effluent for pH, Dissolved Oxygen, Specific Conductivity, Coliform, and E-coli.

The other location that generated 37% of the total inspections was the Matadero Creek Trash Boom placed across Matadero Creek at West Bayshore Road. Matadero Creek has been listed by State and Federal regulatory agencies as "impaired" due to trash. Sources of trash include windblown litter, illegal dumping, homeless encampments, and trash from storm drain outfalls. The boom, which was purchased by the City, was installed on June 8, 2009 by the Santa Clara Valley Water District. Trash and debris was removed on September 4, 2009, September 19, 2009, and October 26, 2009. The total amount of trash and debris collected was approximately 100 pounds. The boom is located just downstream of a major storm water pump station that has 2 removable bar screens (4" bar spacing) and 1 permanent bar screen (3" bar spacing on center) upstream of the pumps to prevent large debris from being discharged from the station's 1200-acre tributary area of the City's storm drain system. The pump station was thoroughly cleaned of all trash and debris prior to the first storm and pump discharge into Matadero Creek. Most large items captured by the boom (e.g. tennis balls, water bottles) did not travel through the pump station. The relatively small amount of smaller-sized trash captured by the boom confirms that little trash comes through the pump station during the dry season. Overall, there is little trash that travels down Matadero Creek during the dry season. This reinforces the hypothesis that a majority of the trash collected at the hot spot location downstream of the boom is being blown or thrown into the creek either from Highway 101 or downstream of it. The trash boom was removed per the agreement with the Water District on October 26, 2009. Trash and debris from the first large storm event was removed from behind the boom. The boom was reinstalled for the 2010 dry season.

Summary of ICID Inspections by Incident Type

Type	Total
Carpet Cleaning Discharge	1
Complaint not found	6
Dumping (Non-hazardous)	1
Food Facility Oil and Grease Discharge	1
Grey Water Discharge	1
Other (Trash Boom / Pump Stations / Open Space)	51
Paint Discharge	1
Pools / Spas / Fountain Discharge	1
Sanitary Spill or Leak	1
Tracking Soil	1
Unhardened Cement Discharge	1
Used Oil Dumping	1
Vehicle / Equipment Leaking	1

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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

If **No**, explain:

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

If **No**, explain:

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

Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (C.6.e.iii.1.c)
0	40	175

For a list of construction site inspections, see Appendix 6-1.

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations¹	% of Total Violations²
Erosion Control	2	13%
Run-on and Run-off Control	1	7%
Sediment Control	9	60 %
Active Treatment Systems	0	0
Good Site Management	3	20%
Non Stormwater Management	0	0
Total	15	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 Taken²
Level 1	Verbal Warning	15	100%
Level 2	Warning Letter	0	0
Level 3	Administrative Citation	0	0
Level 4	Judicial/Criminal/Civil Action	0	0
Total		15	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)	0
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)	0

C.6.e.iii.1.h, i ► Violation Correction Times		
	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	15	100%
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0%
Total number of violations for the reporting year¹	15	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.).
<p>Description:</p> <p>The City has updated the inspection forms and database used to track construction inspections and associated data to meet the new requirements of the Municipal Regional Permit.</p>

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.
<p>Description:</p> <p>The City has conducted an aggressive storm water program for construction activities for nearly 20 years. Regulations and BMPs are stressed during all phases from planning through completion and for all sizes of projects. The number and severity of violations observed over the years has decreased due to this consistent message and improved awareness within the construction industry as well as staff throughout the City. Problems and issues with dewatering of excavations at construction sites have improved as a result of recent modifications to the public works engineering, planning and building policies and permitting processes that require effective best management practices to be implemented.</p> <p>The City continues to employ a dedicated storm water investigator and a significant fraction of the position’s time is spent on construction site inspections at the known sites and field survey work. Other members of the Environmental Compliance Division are cross trained in these</p>

responsibilities and watch for issues throughout the City. Close cooperation with the Building, Planning, Utilities and Public Works Engineering staff allows us to be aware of projects throughout the City and problems as they arise.

City of Palo Alto Environmental Compliance Division staff participated in the SCURVPP Construction Ad Hoc Task Group (AHTG) in reviewing and improving a new construction inspection forms, inspection data tracking forms, and guidance for identifying high priority sites.

The procedures and data tracking have been modified to meet the requirements of the new MRP and the Construction General Permit. H Staff developed and implemented a Construction Inspection Access Database for all inspections of active construction sites. However, we expect that some elements of the new program will require additional programmatic changes for successful implementation.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
C.3. Annual Stormwater Workshop	June 8, 2010	Permit Provision C.3 requirements	1	100%
Statewide Construction General Permit Overview Workshop	April 27, 2010	Construction General Permit	1	100%
CWEA – West Coast Storm Scenario	April 15, 2010	Storm Preparedness	1	100%
Construction Site Compliance Workshop	January 19, 2010	Construction Site Controls	3	100%
Construction Site Compliance Workshop	October 21, 2009	Construction Site Controls	1	100%
CWEA P3 Conference	March 2, 2010	Various	1	100%

The Environmental Compliance Division employs one full-time dedicated storm water investigator and four additional inspectors/investigators who conduct storm water inspections as part of their routine activities or as cross-training for supplemental response. All staff receives cross-training in storm water inspection topics as well as updates during regular weekly staff meetings.

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:

- 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.

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:

- 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:

X	Not required for this Annual Report.
	Survey report attached
	Reference to regional submittal:

C.7.c ► Media Relations

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

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

Summary: The BASMAA Media Relations Final Report developed by BASMAA summarizes media relations efforts conducted during FY 09-10: This report is included within the C.7 Public Information and Outreach section of Program’s FY 09-10 Annual Report.

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:

www.cleanbay.org

<http://www.cityofpaloalto.org/depts/pwd/compliance/default.asp>

Water Quality Control Plant telephone number: 650-329-2598

Police Communications telephone number (24 hours): 650-329-2413

These numbers and web addresses are advertised on the City website, on all outreach materials, on utility bill stuffers, and on other printed materials.

The City also participates in regional outreach efforts such as Watershed Watch Campaign hotline (1-866-WATERSHED), Watershed Watch Campaign website (www.mywatershedwatch.org) and SCVURPPP outreach materials and websites.

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.

FY 2009-2010 Annual Report
Permittee Name: City of Palo Alto

C.7 – Public Information and Outreach

Event Details	Description (messages, audience)	Evaluation of Effectiveness
<p>Name: Pumpkins in the Park Date: October 10, 2009 Location: Guadalupe River Park and Gardens, San Jose Region: Countywide</p>	<p>Type of Event: Community fair Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of household hazardous waste (HHW).</p>	<p>General Feed Back: The event was very well attended. A lot of attendees stopped at the booth to play the bean bag game and pick up brochures. This is a good event for educating families with children. Estimated Overall Event Attendance: 12,000-14,000. Number of Brochures Distributed: 432 Number of Giveaways Distributed: over 1,000</p>
<p>Name: Muslim Green Fair Date: October 18, 2009 Location: 3003 Scott Blvd., Santa Clara Region: Countywide</p>	<p>Type of Event: Community fair Audience: Families with children Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW</p>	<p>General Feed Back: This is a good event for reaching members of the Muslim community. The bean bag game was used at this event. Estimated Overall Event Attendance: 1,000 Number of Brochures Distributed: 14 Number of Giveaways Distributed: 221</p>
<p>Name: Haunted History Date: October 31, 2009 Location: History Park at Kelley Park, San Jose Region: Countywide</p>	<p>Type of Event: Halloween Event Audience: Families Message: Stormwater pollution prevention.</p>	<p>General Feed Back: This event is good for getting the Program's name out, but not for educating attendees. Most children stop at the booth only for candies and are not receptive to information. Estimated Overall Event Attendance: 1,500 Number of Brochures Distributed: 12 Number of Giveaways Distributed: 267</p>
<p>Name: Spring Garden Market Date: April 10, 2010 Location: History Park at Kelley Park, San Jose Region: Countywide</p>	<p>Type of Event: Plant sale Audience: Home owners/gardeners Message: Stormwater pollution prevention, less-toxic pest control</p>	<p>General Feed Back: Most people came to the event to buy plants and did not want to pick up information. The Program will probably not attend this event next year. Estimated Overall Event Attendance: 3,000 Number of Brochures Distributed: 181 Number of Giveaways Distributed: 61</p>
<p>Name: NVIDIA Corp. Earth Day Event Date: April 22, 2010 Location: 2701 San Tomas Expwy, Santa Clara Region: Countywide</p>	<p>Type of Event: Corporate event Audience: Information Technology Professionals Message: Stormwater pollution prevention, less-toxic pest control</p>	<p>General Feed Back: The event was held during lunch hour in the cafeteria and very well attended. Most employees stopped at the booth to ask questions and take brochures. Estimated Overall Event Attendance: 500</p>

		<p>Number of Brochures Distributed: 60 Number of Giveaways Distributed: 183</p>
<p>Name: Spring in Guadalupe Gardens Date: April 24, 2010 Location: Guadalupe River Park and Gardens, San Jose Region: Countywide</p>	<p>Type of Event: Community fair, plant sale. Audience: Families with children, homeowners and gardeners 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 5, 2010 Location: Robertsville Classic Car Wash, 5005 Almaden Expwy, San Jose Region: Countywide</p>	<p>Type of Event: Car Wash Audience: Car wash customers Message: Stormwater pollution prevention, proper car washing.</p>	<p>General Feed Back: Excellent turn-out, resulted in a 50% increase of business for the car wash during the 2-hour time period. Event staff spoke with customers and provided them information on proper car washing. Most people were interested in taking the Watershed Watch discount card. Estimated Overall Event Attendance: 150 Number of Brochures Distributed: 103 Number of Watershed Watch Discount Cards Distributed: 129</p>
<p>Name: Watershed Watch Car Wash Event Date: May 19, 2010 Location: Delta Queen Classic Car Wash, 981 E Hamilton Ave, Campbell Region: Countywide</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 Distributed: 49</p>
<p>Name: Watershed Watch Car Wash Event, Date: June 2, 2010 Location: Capitol Premier Car Wash, 735 Capitol Expwy Auto Mall, San Jose Region: Countywide</p>	<p>Type of Event: Car Wash Audience: Car wash customers Message: Stormwater pollution prevention, proper car washing.</p>	<p>General Feed Back: Good turn-out. Car wash owner indicated there was an increase in business from their normal expectations. Estimated Overall Event Attendance: 100 Number of Brochures Distributed: 101 Number of Watershed Watch Discount Cards Distributed: 107</p>

<p>Name: Festival in the Park Date: June 26, 2010 Location: Hellyer County Park, San Jose Region: Countywide</p>	<p>Type of Event: Community Health Fair Audience: Families with children. Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.</p>	<p>General Feed Back: Good event for reaching the Hispanic community. The bean bag game drew a lot of families with children to the booth. Estimated Overall Event Attendance: 5,000 Number of Brochures Distributed: 418 Number of Giveaways Distributed: 365</p>
<p>A selection of City of Palo Alto outreach efforts is listed below. A list of all additional public events that Palo Alto staff attended in 2009 is included in Appendix 7-1.</p>		
<p>April 22, 2009 Nvidia Earth Day Fair</p>	<p>Earth Day fair and tabling event which focused on educating people about preventing pollutant releases into storm drains.</p>	<p>Approximately 200 people were connected with during this three hour event.</p>
<p>April 23, 2009 Roche Earth Day Fair</p>	<p>Earth Day fair and tabling event (and Take Your Child To Work Day) focusing on less-toxic pest control.</p>	<p>Approximately 225 people participated in the "toxics toss" activity and received information.</p>
<p>July 3, 2009 Outreach table at the Summer Winds Garden Center</p>	<p>Promoted the OWOW program, offering gardening help and helping customers purchase less-toxic pest control products.</p>	<p>Approximately 30 people were contacted during this three hour event. While this particular day was slow, staff anticipates that this is a worthwhile event and will likely schedule another day when traffic may be greater.</p>
<p>August 4, 2009 National Night Out event</p>	<p>Provided variety of handouts, answered questions about pharmaceutical disposal, less-toxic pest control and other pollutants of concern.</p>	<p>Four block parties were attended reaching approximately 90 people.</p>

C.7.f. ► Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

During FY 09-10, the Program actively supported the Santa Clara Basin Watershed Management Initiative (SCBWMI), including the Core Group, the Land Use Subgroup, and the Trash Subgroup (now the Santa Clara Valley Zero Litter Initiative); the Bay Area Macroinvertebrate Bioassessment 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.

The City of Palo Alto provided monetary support of \$18,000 to the San Francisquito Creek Watershed Project. The Project's activities include creek cleanups, creek restoration, quarterly Watershed Forum meetings, and a streamkeepers program. The semi-annual creek cleanups organized by the Project are now coordinated with the City's Trash hot spot designations.

In addition to its support of the SCBWMI through the Program, City of Palo Alto staff continue to support the Initiative, serving as co-chair of the SCBWMI, providing leadership for the Trash and Product Action subgroups, and participating actively in the Watershed Education and Outreach subgroup.

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.

The Program provided funding for the following citizen involvement events:

- 1) National River Clean up Day – The Program supports the involvement of Santa Clara County citizens by providing advertising support for the National River Clean-up Day.
- 2) Citizen involvement events at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) – A number of citizen involvement and stewardship programs are conducted as part of the Program funded Watershed Watchers Program at the Refuge. Participants usually work in the Refuge gardens planting native plants, pulling non-native plants, and mulching. More details are included in the Watershed Watchers Report in the Program Annual Report Appendix 7-5.

The following reports developed by SCVURPPP and other organizations include information about citizen involvement events conducted during FY 09-10:

- Watershed Watchers: Keeping Our Waterways Clean: FY 09-10 Fourth Quarter Report (includes end-of-year Summary from Alviso Education Center)
- Going Native Garden Tour 2010- Summary Report

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

Event Details	Description	Evaluation of effectiveness
Name: Summer of Service Programs Date: 7/16/09, 7/30/09, 8/13/09 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide	Partnership program between Santa Clara Valley youth groups and the Watershed Watchers program. Youth spend a day at the Refuge and they work in the gardens in the morning and explore the Refuge in the afternoon.	Number of attendees on 7/16/09: 2 elementary school students and 6 middle school students. Number of attendees on 7/30/09: 10 middle school students. Number of attendees on 8/13/09: 8 middle school students.
Name: Gardening at the Refuge Date: 11/21/09 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide	Participants usually work in the Refuge gardens planting native plants, pulling non-native plants, and mulching.	Number of attendees: 4 elementary school students, 2 high school students, and 9 adults.
Name: Community Service Days Date: 1/16/10, 3/20/10, 4/17/10, 5/17/10 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide	This is an open day for the general public. Participants work in the gardens planting native plants, pulling non-native plants, and mulching.	Number of attendees on 1/16/10: 1 elementary school student, 1 high school student, and 6 adults. Number of attendees on 3/20/10: 1 elementary school student and 6 adults. Number of attendees on 4/17/10: 4 elementary school students and 4 adults. Number of attendees on 5/17/10: 13 elementary school students and 7 adults.
Name: National River Cleanup Day Date: 5/15/10 Location: Various locations throughout the County Focus: Countywide	In FY 09-10, the Creek Connection Action Group sponsored two creek clean-up events: Coastal Clean-up Day on September 19, 2009 and National Rivers Clean-up Day on May 15, 2010. The Program provided funding for the National Rivers Clean-up Day advertising.	A total of 1,068 volunteers participated in cleaning 34 sites and removed approximately 29,098 pounds of trash and 6,394 pounds of recyclables from creeks.

A selection of City of Palo Alto citizen involvement efforts is listed below. A list of all additional public events that Palo Alto staff attended in 2009 is included in Appendix 7-1.

September 19, 2009 Coastal Cleanup Day	Creek clean up including San Francisquito, Adobe, and Matadero Creeks.	285 volunteers worked in four creek reaches to collect 525 pounds of recyclables and 3,768 pounds of trash.
May 15, 2010 National River Cleanup Day	Creek clean up including San Francisquito, Adobe, and Matadero Creeks.	91 volunteers worked in four creek reaches to collect 636 pounds of recyclables and 4,003 pounds of trash.

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.

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 reports developed by SCVURPPP and other organizations detail school-age children outreach conducted in 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 within the C.7 Public Information and Outreach section of Program’s FY 09-10 Annual Report.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Name : ZunZun Musical Assembly Grade or level: elementary	Interactive, musical school assemblies educating K-6 children about watersheds and pollution prevention.	14,161 students	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. A few highlights of the evaluations are:

			<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 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.</p> <p>In addition, an "Urban Runoff Bead Drop" display is used to record actions (e.g., pick up litter, spread the word, take car to car wash) that children promise to do the help keep storm drains clean.</p> <p>Results of both these evaluation mechanisms are summarized in the Watershed Watchers Fourth Quarter Report included in the Program Annual Report Appendix 7-5.</p>

Additional Palo Alto School Outreach Events			
Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Microbes in Sewage / 7th	In a laboratory setting, students use microscopes to observe, document and identify microbes used in the wastewater treatment process. Impact of pollution on the Baylands and water environment as well as prevention solutions are discussed. (Students study protist in the 7th grade.)	71 classes, 1,775 students	76% of teachers returned a postage-paid evaluation postcard, with a cumulative rating of 5 out of 5 in both quality of program and clarity of presenter. 100% stated students' understanding of the difference between storm drain/sewer systems increased and 99% stated students' understanding of what they can do to prevent water pollution increased.
Who Dirtied the Bay? / 3rd	The focus of this program is on storm water and how the pollutants impact the Baylands and H2O environment. Pollution prevention solutions are discussed. Students also learn: the difference between waste water and storm water (where it comes from, where it goes); the water cycle; the definition and function of a watershed; and "reduce/reuse/recycle/rot/respect".	23 classes/ 460 students	See above
Watershed Warriors (Enviroscape) / 3rd-4th	Utilizing hands-on, simulated environments, in this program students learn the sources of pollution, and about solutions to reduce or eliminate pollution. Students also learn: the difference between waste water and storm water (where it comes from, where it goes); the water cycle; the definition and function of a watershed; and "reduce/reuse/recycle/rot/respect."	11 classes/ 230 students	See above

Mercury: Past and Present / 4th	<p>In this program students learn how mercury from the past (California Gold Rush) and the present, accumulates and impacts the waters of San Francisco Bay. Pollution prevention strategies are discussed. Students also learn: the difference between waste water and storm water (where it comes from, where it goes); the water cycle; the definition and function of a watershed; and "reduce/reuse/recycle/rot/respect."</p>	13 classes/ 326 students	See above
What's Bugging You? (IPM) / 2nd	<p>In this program, students are introduced to the concepts of "Integrated Pest Management" by learning about insects and the food chain, and the impacts of pesticides on water pollution. Students also learn: the difference between waste water and storm water (where it comes from, where it goes); the water cycle; the definition and function of a watershed; and "reduce/reuse/recycle/rot/respect."</p>	3 classes/ 60 students	See above
What's Up with the Bags? / 2nd	<p>In this program, students learn about the impact of plastic bags that enter the watershed through human use and misuse. Plastic bag alternatives are discussed; students are given a re-usable bag to decorate and take home. Students also learn: the difference between waste water and storm water (where it comes from, where it goes); the water cycle; the definition and function of a watershed; and "reduce/reuse/recycle/rot/respect."</p>	6 classes/ 120 students	See above

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C.7 – Public Information and Outreach

ZunZun / K-6	Students attend a music-based school assembly performed by ZunZun which provides water cycle and watershed education, as well as pollution prevention messages for storm water (provided by SCVURPPP).	2 classes/ 240 students	Evaluations distributed and collected by ZunZun. See Watershed Watch Campaign- FY 09-10 Academic Year Final Report
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Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary

The City of Palo Alto exceeds the minimum MRP requirements with respect to sampling our local creeks, water bodies, and waterways. Listed below are the locations, sampling periods, and test groups collected and analyzed.

Renzel Marsh Pond (Weekly / Monthly Sampling) – Enterococcus, Dissolved Oxygen, Dissolved Sulfides, pH, Temperature, Total Ammonia Nitrogen, Specific Conductivity, Salinity, Hardness, Turbidity, and Metals.

Matadero Creek (Weekly / Monthly Sampling) –Dissolved Oxygen, Dissolved Sulfides, pH, Temperature, Total Ammonia Nitrogen, Specific Conductivity, Salinity, Hardness, and Metals.

San Francisquito Creek Pump Station (Sampling from 9/4/2009 – 4/20/2010 per Regional Board Requirements) – pH, Dissolved Oxygen, Specific Conductivity, Coliform, and E.coli.

San Francisquito Creek at Newell Road (Sampling during rain events with enough collected water at site) – Metals, Dissolved Metals, Nitrates, Pyrethroids, Mercury (Methyl, Dissolved, and Total), and Pesticides.

During FY 09-10, we 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, we contribute financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and actively participate 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.

Section 9 – Provision C.9 Pesticides Toxicity Controls

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

<i>(For FY 09-10 Annual Report only)</i> Attach a copy of your individual IPM ordinance or policy.	<input type="checkbox"/>	Attached	<input checked="" type="checkbox"/>	Not attached , explain below
A copy of the City of Palo Alto IPM Policy is attached as Appendix 9-1.			X	
If Not attached , explain:				

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.
<p>Summary: City of Palo Alto staff and contractor pesticide use is tracked continuously and quantified annually on a calendar year basis. No pyrethroids, carbaryl or fipronil were used in 2009 by staff or contractors. Palo Alto's pesticide use and the toxicity of the pesticides that are in use continue to decrease. Please see summary bullet points below from the <i>2009 Palo Alto Pest Management and Pesticide Use Report</i> and see the full report attached in Appendix 9-2 for details.</p> <p>Summary of 2009 Program Achievements and Pesticide Use Changes</p> <ol style="list-style-type: none"> 1. The City's total active ingredient and ecotoxic pesticide use decreased to historically low levels since the program's inception in 2001. Ecotoxic pesticides use fell by 43% which is significant because ecotoxicity reduction is the primary driver of the City's pesticide reduction efforts. 2. The golf course implemented a successful perimeter trapping program for gophers. This action significantly reduced the use of ecotoxic rodenticides. Trapping has proven to be better at controlling gopher populations than the chemical controls used in previous years. 3. The Parks Department launched a pesticide-free park program that began with Sarah Wallis Park. One or two parks will be added each year as funding allows, alternating between north and south Palo Alto. 4. Language for a new Landscape Maintenance Contract was updated to include requirements for Bay Friendly techniques (which supports IPM), the use of organic fertilizers and IPM requirements. The contract will be awarded in 2010 and an update on its impacts will be provided in the 2010 IPM Report. Sample contract language is attached in Appendix 9-3.

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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.	5
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	5
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%

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"/> X	Yes	<input type="checkbox"/>	No
If yes, attach one of the following:				
<input checked="" type="checkbox"/> X	Contract specifications that require adherence to your IPM policy and standard operating procedures (see Appendix 9-3), OR			
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR			
<input type="checkbox"/>	Equivalent documentation.			
<p>Note:</p> <p>IPM contract language has been placed in contracts for structural pest control, park maintenance and golf course maintenance. Due to the size of these scopes of service and contracts, only the structural pest control contract is attached. The other contracts are available upon request.</p>				

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

<p>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.</p>
<p>Summary:</p> <p>During FY 09-10, the City participated in regulatory processes related to pesticides through 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.</p>

C.9.f ► Interface with County Agricultural Commissioners

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

Summary:

No improper uses of pesticides were identified in FY 2009-2010 for reporting to the County Agricultural Commissioner.

C.9.h.ii ► Public Outreach: Point of Purchase

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); **OR** reference a report of a regional effort for public outreach in which your agency participates.

Summary:

The following separate reports developed by SCVURPPP and BASMAA summarize point of purchase outreach efforts conducted during FY 09-10:

- 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)

These reports are included within the C.9 Pesticides Toxicity Control section of Program's FY 09-10 Annual Report.

C.9.h.vi ► Public Outreach: Pest Control Operators

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); **OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:

The following separate report developed by SCVURPPP summarizes Public Outreach: Pest Control Operators efforts conducted during FY 09-10:

- FY 09-10 Green Gardener Training Report

This report is included within the C.9 Pesticides Toxicity Control section of Program's FY 09-10 Annual Report.

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

Description: 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.

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

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

Description:

Guidance: 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)
PA001 – Matadero Creek Site	5-15-2010	480 lbs	Tennis balls / food wrappers and containers / plastic bags and bottles	Upstream sports facilities, adjacent freeway, and upstream storm water pump station.
PA002 – Adobe Creek Site	5-15-2010	1075 lbs	Tennis balls / food wrappers, building materials and containers / plastic bags and bottles	Upstream sports facilities, adjacent freeway, and upstream storm water pump station.

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

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
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.				

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).

The City of Palo Alto made the following efforts to collect and recycle mercury containing devices in FY 2009-2010:

- The City’s HHW program collected mercury containing devices from Palo Alto residents at monthly HHW events and at new weekly appointment-based events.
- The Regional Water Quality Control Plant (RWQCP), which is owned and operated by the City, collected mercury containing devices from residents of Palo Alto, Mountain View, Los Altos, East Palo Alto, Los Altos Hills, and Stanford University through its permanent HHW program that is available during weekday business hours.
- The RWQCP continued to educate the public about mercury and the need to properly manage mercury containing devices through its Cleanbay.org website, outreach events, and School Outreach program.
- RWQCP industrial waste inspectors continued to identify mercury thermometers during inspections and to require businesses to comply with ordinance provisions that require most mercury thermometers to be replaced with safer alternatives.

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.

Amount collected:

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).

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

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

Summary

A summary of 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.

Section 12 - Provision C.12 PCBs Controls

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

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

Description: 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.

The BASMAA training materials have been distributed to industrial inspection staff and will be reviewed during staff training and incorporated into facility inspection procedures. If formal training is offered through BASMAA or the Program, all inspectors will attend.

C.12.a.ii,iii ► Ongoing Training

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

Description: Not required for this Annual Report.

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

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

Summary

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 13 - Provision C.13 Copper Controls

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

(For FY 10-11 Annual Report only) 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?

X	Yes		No
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If **No**, explain and provide schedule for obtaining authority within 1 year:

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

(For FY10-11 Annual Report only) Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?

X	Yes		No
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If **No**, explain and provide schedule for obtaining authority within 1 year:

C.13.c ► Vehicle Brake Pads

Reported in a separate regional report.
 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.

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.

Summary
 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.

Ongoing copper source identification and control has been a part of the City's pretreatment and source control programs since their inception. Each industrial and commercial facility inspection includes review of copper storage, use and discharge activities with respect to both the sanitary and storm drain systems. The details of the City's activities can be found in the Copper Program section of the 2010 Clean Bay Pollution Prevention Plan (Appendix 13-1). There are two metal finishing facilities remaining within the City that conduct copper metal finishing activities. These facilities each receive no less than semi-annual inspections which include rigorous storm water review.

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

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

Summary

A summary of 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.

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

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

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

Summary

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.

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.

Summary:

Water Utility Operations staff revised their field practices to comply with MRP requirements for sampling, testing, and documentation of planned and unplanned discharges of potable water. Staff samples discharges and performs field tests for turbidity, pH, and chlorine residual. Staff is in the process of updating the City’s Water Utility Operations & Maintenance Discharge Pollution Prevention Plan. Staff participates in the Program’s Water Utility Ad Hoc Task Group. Public Works staff also met with Fire Department staff in order to discuss revisions to the Departmental General Order related to discharge of water during firefighting operations. The General Order will be modified in FY 2010-11.

A summary of the Program’s efforts to update the Water Utility Operations & Maintenance Discharge Pollution Prevention Plan (WUDPPP) to assist municipal water purveyors in complying with this provision of the MRP is included within the C.15 Exempted and Conditionally Exempted Discharges section of Program’s FY 09-10 Annual Report.

The attached tables document sampling and testing of planned discharges of potable water performed by Water Utilities Operations staff during FY 2009-10. No sampling and testing data is available for unplanned discharges during FY 2009-10.

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:

The City Utilities Department offers several rebate and technical assistance programs to residents and businesses that promote water

conservation, drought-tolerant landscaping, and less-toxic pest management. Further details are available online at <http://www.cityofpaloalto.org/news/displaynews.asp?NewsID=473&targetid=139> (residential) and at <http://www.cityofpaloalto.org/news/displaynews.asp?NewsID=472&targetid=139> (commercial).

Water conservation for outdoor landscaping is required for new development and redevelopment projects through the City's Green Building Ordinance. The City is in the process of adopting the CalGreen Building Code later this year, which will integrate green building practices with water conservation requirements.

The Public Works Environmental Compliance Division actively promotes the Bay-Friendly Landscaping Program and the Our Water, Our World campaign to promote the use of less-toxic pest management techniques and native, drought-tolerant landscaping.

The Program-wide *Watershed Watch* Campaign, which conducts outreach for less toxic pest control and appropriate irrigation practices is described in the C.7. Public Information and Outreach section of the Program's FY 09-10 Annual Report. The Program-wide *IPM Store Partnership* and *Green Gardener Training* Programs are described in the C.9. Pesticide Toxicity Control section of the Program's FY 09-10 Annual Report.

FY 2009-10 FIRE HYDRANTS AT DEAD ENDS AND CRITICAL LOCATIONS

Abbreviations: B=brown water, Y=yellow water, C=clear water

	Location	Receiving Water*	Length of Main	Size	Date	Flush Time Start	Flush Time End	Chlorine Residual (mg/l)	After dechlor (mg/l)	PH	NTU	Flow read	Est. Flow (gpm)	Description	Initials
1	MSC hydrant by GWG trucks	MC													
2	Corporation Way hydrant	AC	450'		11/18	130	145	1.92						b-c	mt/mp
3	Elwell Court Hydrant	AC	575'		11/18	149	200	1.89						y-c	mt/mp
4	Baylands parking lot hydrant	SFC	725'		2/3	300	325	1.5	0	9.6	4			y-c	mt/mp
5	Landfill hydrant (next to recycle yard)	MC	980'		12/28	231	246	1.84		9				y-c	mt/mp
6	Baylands Interpretive Center hydrant	MC	310'		3/4	0:00	0:00	1.81	0.00	9	2			y-c	jw/mt
7	Geng Road dead end hydrant	SFC	1377'		12/21	225	0:00	2.2						c	mt/mp
8	Airport (by Gas Station)	SFC	2600'		11/17	107	148	1.95						y-c	jw/mt
9	Post Office Hydrant (Laura Lane)	SFC	300'		12/21	155	220	2.31						b-c	mt/mp
10	Transport & Industrial hydrant	AC			12/28	134	217	2.47						b-c	mt/mp
11	E. Bayshore & San Antonio Hyd.	AC			11/18	110	125	2.08						b-c	mt/mp
12	East Bayshore Rd. (North Deadend hydrant)	SFC	335'	12"	12/21	1245	140	1.92						b-c	mt/mp
13	Hydrant Manuela Ct. (before Manuela Ave.)	BC													
14	Hydrant Manuela Ave. (before Manuela Ct.)	BC													
15	Old Adobe hydrant	BC	1025'		3/2	108	115	2.1	0.13	8.5	2			c	jw/mt
16	Mockingbird Ln. hydrant	BC	430'	6"	3/2	146	154	1.96	0.01	8.5	3			c	jw/mt
17	Old Trace Rd. hydrant	BC	265'	8"	3/2	127	132	2.21	0.07	8.5	5			y/c	jw/mt
18	2927 Alexis Dr.	MC	2150'	8"	1/28	255	306	1.85	1.67	9.7	4			y/c	jw/mt
19	3010 Country Club Ct.	MC	775'	6"	2/4	1009	1016	1.3	0.02	9.4	7			y/c	mp/mt
20	3106 Bandera Ct.	MC	975'	6"	2/4	945	955	1.63	0	9.5	6			y/c	mp/mt
21	925 Laurel	MC	2830'	8"	2/4	915	920	1.64	0.02	9.4	3			c	mp/mt
22	1791 Arastradero Dr. (Caballo)	SFC			2/4	1038	1105	1.72	0:00	9	19			y/c	mp/mt
23	Boronda Park Maintenance area hydrant	MC	1900'	8"	2/4	809	840	1.58	0.02	10	3			y/c	mp/mt
24	Hydrant 1 Los Trancos Rd.	MC													
25	Hydrant 10 Los Trancos Rd.	MC			3/11	1220	1240	1.78	0.00	9	8			y-c	mp/mt

FY 2009-10 FIRE HYDRANTS AT DEAD ENDS AND CRITICAL LOCATIONS

Abbreviations: B=brown water, Y=yellow water, C=clear water

	Location	Receiving Water*	Length of Main	Size	Date	Flush Time Start	Flush Time End	Chlorine Residual (mg/l)	After de chlor (mg/l)	PH	NTU	Flow read	Est. Flow (gpm)	Description	Initials
26	Hydrant 16 Los Trancos Rd.	MC			3/11	145	200	1.65	0.01	8	6			y-c	mp/mt
27	Hydrant E.C.R. SF METER/Lytton	SFC													
28	Hydrant at Lytton Train Station entrance	SFC													
29	Hydrant E.C.R. across Red Cross Office	SFC			1/25	126	151	2.18	2.15	10	0			b-c	mt/jw
30	531 Stanford Terrace Inn (notify)	MC			2/8	219	232	2.14	0.09	10	6			y-c	mt/jw
31	2098 Oxford(x ECR)	MC			2/8	243	252	2.07	0.00	10	12			y-c	mt/jw
32	2180 College (x ECR)	MC			2/24	201	210	2.42	0.10	9	10			y-c	mp/mt
33	2903 Simpkins Ct	MC	360'		2/3	229	241	2.28	0.00	9	11			y-c	mp/mt
34	Golf Court Maintenance Yard (inside / at the fence)	BC			11/17	1250	102	1.89						y-c	mt/jw
35	419 Palm St	MC	250'	6"	1/25	251	303	2.32	1.64	10	4			b-c	mt/jw
36	419 Maple St	MC	210'	6"	1/25	306	317	2.28	2.28	10	2			b-c	mt/jw
39	1372 Lincoln	MC	270'	6"	1/25	237	246	2.1	1.53	10	2			y-c	mt/jw
40	475 Newell	MC	220'	6"	2/3	150	200	1.78	0.02	9	18			y-c	mp/mt
41	102 Middlefield (North)	MC	170'	6"	2/24	110	139	2.09	1.11	9	4			y-c	mt/jw
42	370 George Hood Lane	BC	130'	4"	2/22	200	205	2.1	0.09	9	2			y-c	mt/jw
43	920 Peirs Court	MC	174'		2/2	845	849	1.91	0.02	9	19			y-c	mt/jw
44	751 Talisman Court	AC	650'	6"	2/2	908	934	1.91	0.01	9	47			y-c	mt/jw
45	3164 Manchester Ct	MC	375'	6"	2/2	1001	1005	2.06	0.02	9	5			y-c	mt/jw
46	398 Witclm Dr	BC	2120'	6"	2/1	300	311	1.74	0.03	10	9			y-c	mt/jw
47	650 Toyon Pl	MC	230'	6"	2/2	1016	1021	1.83	0.00	9	2			b-c	mt/jw
48	4337 Cesano Ct	AC	504'	4"	2/1	145	209	2.2	0.06	10	2			y-c	mt/jw
49	4392 Silva	AC	591'	8"	2/1	222	245	2.28	0.00	10	4			y-c	mt/jw
50	516 Georgia	BC	1070'	6"	2/2	1051	1100	2.21	0.05	9	20			b-c	mt/jw
51	4022 Villa Vera	BC			2/2	1111	1117	2.23	0.00	9	11			y-c	mt/jw
52	648 San Antonio (apartment)	AC			2/2	1215	1221	2.24	0.04	9	14			c	mt/jw

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53	2904 Emerson	MC			3/3	222	230	2.25	0.08	8	9			b-c	mt/jw
54	3375 Alma (lot 179, back of Apts)	BC													
55	4200 Terman	AC	820'	8"	3/2	1247	1255	2.35	0.11	9	8			b-c	mt/jw
56	3580 La Mata Way (2 man job)	MC	410'	6"	2/2	1241	1252	2.2	0.01	9	5			b-c	mt/jw
57	8289 La Jennifer Wy	MC			2/2	120	126	2.15	0.06	9	6			y-c	mt/jw
58	840 Timlott	MC	350'	6"	2/2	204	221	2.04	0.03	10	15				
59	3758 Cass Way	MC	344'	4"											
60	2241 Wellesley St (x College Ave)	MC	252'												
61	925 Robles Ridge	MC	290'												
62	975 Robles Ridge	MC	1226'												
63	914 Matadero Ct	MC	314'												
64	991 Matadero Ave	MC	1120'												
65	4210 Ynigo	BC	220'												
66	4080 Manzana Lane	BC	677'	6"											
67	4099 Laguana Ave	MC	885'	6"											
68	3858 Timlott	MC	365'	6"											
69	273 Ventura (in the apartment complex)	BC	402'	6"											
70	2420 Tasso (by Marion)	MC													

Receiving water legend: ac = Adobe Creek; bc = Barron Creek; mc = Matadero Creek; sfc = San Francisquito Creek

FY 2009-10 BLOW-OFF FLUSHING LIST- (DEAD ENDS)

Abbreviations: B=brown water, Y=yellow water, C=clear water

#	Location	Receiving Water*	Length of Main	Size	Date	Flush Time Start	Flush Time End	Chlorine Residual (mg/l)	After De-Chlor (mg/l)	PH	NTU	Flow read	Est. Flow (gpm)	Description	Initials
1	1056 Colorado Place blowoff	mc	70'	4"	3/15	856	909	2.21	0.05	7.8	10			b-c	jw/mt
2	1070 Colorado Place blowoff	mc	123'	4"	3/15	918	926	2.07	0.00	7.5	2			o-c	jw/mt
3	3089 Higgins Place	mc	338'	6"	3/15	840	845	1.93	0.00	7.1	43			o-c	jw/mt
4	2955 Otterson Ct.	mc			3/15	800	806	2.03	0.07	7.5	6			o-c	jw/mt
5	3149 Genevieve Ct.	mc	255'	4"											
6	Palo Alto Airport/wash rack area	mc	2600'	10"											
7	1175 Lincoln Blowoff/easement	sfc													
8	3202 Maddux	mc	227'	4"											
9	853 Sharon Ct.	mc	287'	4"											
10	861 Newell Pl.	mc	182'	4"	3/22	142	150	2.21	0.15	8.4	4			o-c	mt/mp
11	1536 Louisa Ct.	mc	228'	4"	3/22	200	207	2.07	0.00	8.3	5			o-c	mt/mp
12	97 Erstwild Ct.	mc	447'												
13	90 Jordan Pl.	mc	221'	4"											
14	80 Alannah Ct.	sfc	219'	4"	3/15	139	145	2.31	0.04	7.7	8			y-c	jw/mt
15	60 Hamilton Ct.	mc	216'	6"											
16	40 Tevis Pl.	mc	234'	6"											
17	1453 Kings Lane	mc	685'	6"											
18	80 Kirby Pl.	mc	212'	6"											
19	1017 Forest Ct.	mc	204'	6"											
20	80 Kent Pl.	mc	230'	6"											
21	40 Regent Pl.	mc	218'	6"											
22	40 Somerset Ct.	mc	213'	6"											
23	275 Southwood Dr.	mc	141'	6"											
24	EPA and CPA Interconnect (once/year)	sfc													
25	100 Middlefield & 600 blk of Palo Alto Ave.	sfc	170'	6"											
26	2046 Edgewood Dr.	mc	210'	4"	3/15	1256	106	2.26	0.15	8.2	10			y-c	jw/mt
27	1978 Edgewood Dr.	mc	215'	4"	3/15	108	114	2.32	0.48	8.3	6			y-c	jw/mt
28	1918 Edgewood Dr.	sfc	215'	4"	3/15	123	130	2.44	0.02	8.0	4			o-c	jw/mt
29	2053 Sandalwood Ct.	mc	225'	4"	3/15	1241	1247	2.08	0.03	8.1	7			b-c	jw/mt
30	2100 Bellview Dr.	mc	290'	4"											
31	750 Greenwich Pl.	mc	208'	6"	4/21	827	837	2.14	0.46	8.5	7			o-c	mt/jw
32	100 Waverly Oaks	mc	216'	6"											
33	2319 Sierra Ct.	mc	380'	4"	3/15	1053	1059	2.24	0.00	7.9	6			o-c	jw/mt
34	2331 Carmel Dr.	mc	407'		3/15	1038	1042	1.87	0.06	8.0	9			o-c	jw/mt
35	2479 Chabot Terrace	mc	390'		3/15	957	1007	2	0.06	7.5	9			y-c	jw/mt
36	865 Garland Dr.	mc	172'	4"	4/21	948	1025	2.19	0.00	8.1	7			b-c	jw/mt
37	845 Garland Dr.	mc	172'	4"	4/21	1034	1038	2.04	0.00	8.0	6			b-c	jw/mt

FY 2009-10 BLOW-OFF FLUSHING LIST- (DEAD ENDS)

Abbreviations: B=brown water, Y=yellow water, C=clear water

#	Location	Receiving Water*	Length of Main	Size	Date	Flush Time Start	Flush Time End	Chlorine Residual (mg/l)	After De-Chlor (mg/l)	PH	NTU	Flow read	Est. Flow (gpm)	Description	Initials
75	2551 Webster St.	mc	218'	6"											
76	2522 Webster St.	mc	299'	6"											
77	754 San Carlos Ct.(550' /11pcs-50' hose)	mc	540'												
78	2745 Byron St.	mc	302'	6"											
79	605 Towle Wy.	mc	162'	4"											
80	646 Towle Pl.	mc	200'	4"											
81	606 Wellsbury Ct.	mc	160'	4"											
82	3103 Flowers Ln.	mc	431'	4"											
83	3101 Avalon Ct.	mc	461'	6"											
84	3190 Mackall Wy.	mc	275'	4"											
85	467 Gary Ct.	mc	170'	4"											
86	469 Martinsen Ct.	mc	175'	4"											
87	2930 Kipling	mc	618'	6"											
88	3346 Kipling St.	mc	160'	4"											
89	3351 St. Michael Dr.	mc	355'	4"											
90	3462 Murdoch Ct.	ac	160'	4"											
91	3472 Cowper Ct	ac	415'	4"											
92	3463 Ashton Ct.	ac	250'	4"											
93	728 Layne Ct.	mc	350'	6"											
94	3187 Loma Verde Place	mc	200'	6"											
95	852 Ross Ct.	mc	415'	4"											
96	3700 Nathan Ct.	ac	150'	4"											
97	3738 Ortega Ct.	ac	600'	8"											
98	3868 Corina Ct.	ac	185'		6/21	300	320	2.03	0.03	7.7	5			b-c	mp/jw
99	4125 Sutherland Dr.	ac	303'	6"	4/8	138	324	2.05	0.06	7.8	1			b-c	mt/mp
100	455 El Capitan	ac	420'	4"	6/15	214	221	2.28	0.04	8.5	6			o-c	mt/jw
101	3956 Nelson Ct.	ac	230'	4"	6/15	202	206	2.21	0.06	8.3	4			o-c	mt/jw
102	410 Adobe Pl.	ac	240'	4"	6/15	148	155	2.27	0.03	8.5	2			o-c	mt/jw
103	3945 Duncan Pl.	ac	143'	4"	6/21	224	245	2.12	0.04	8.8	2			b-c	mp/jw
104	3893 Mumford	ac	510'	4"	6/21	204	218	2.01	0.04	8.9	5			o-c	mp/jw
104	3872 Dixon Pl.	ac	347'	4"	6/21	153	200	2.23	0.06	7.6	1			o-c	mp/jw
106	115 Lundy	ac	340'	4"	6/21	132	150	1.95	0.00	4.2	4			o-c	mt/mp
107	244 Greenmeadow Wy.	ac	270'	4"	6/15	135	140	2.25	0.01	8.5	0			y-c	mt/jw
108	369 Calcaterra Ct.	ac	305'	4"	6/14	1054	1101	2.2	0.02	8.2	4			y-c	mt/jw
109	4140 Mackay Ct.	ac	212'	4"	6/14	1042	1048	2.24	0.01	8.3	3			o-c	mt/jw
110	458 Ferne	ac	160'	4"	6/14	100	113	2.27	0.06	8.4	11			y-c	mt/jw
111	482 Ferne	ac	180'	4"	6/14	1116	1130	2.22	0.11	8.4	9			o-c	mt/jw

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Abbreviations: B=brown water, Y=yellow water, C=clear water

#	Location	Receiving Water*	Length of Main	Size	Date	Flush Time Start	Flush Time End	Chlorine Residual (mg/l)	After De-Chlor (mg/l)	PH	NTU	Flow read	Est. Flow (gpm)	Description	Initials
185	3802 Magnolia Ct.	mc		6"											
186	810 Mesa Ct.	bc	487'												
187	4196 Mesa Ave. Blowoff	bc	150'	4"											
188	830 Arroyo Ct.	ac	225'		3/24	1213	1241	2.26	0.00	8.8	2			y-c	mp
189	854 Miranda Green	ac	600'	6"	3/24	1250	110	2.1	0.01	8.6	3			y-c	mp
190	840 Moana Ct.	ac	450'	6"	3/23	300	320	2.18	0.01	7.8	20			y-c	mp/mt
191	4339 Miranda Ct.	ac	125'	4"	3/23	235	251	2.13	0.01	7.9	6			y-c	mp/mt
192	4369 Miranda Ave. Blowoff	ab	3700'	8"	3/23	200	225	2.3	0.01	8.0	32			y-c	mp/mt
193	4290 Manuela Way Blowoff	mc	570'	6"											
194	550 Chimalus Dr.(hydrant better than B/off)	mc	425'	6"											
195	719 West Place(Garland)	mc	157'	6"	4/21	1104	1107	1.98	0.00	8.0	4			b-c	jw/mt
196	766 East Place (Garland)	mc	172'	6"	4/21	1048	1059	2.24	0.00	8.0	13			o-c	jw/mt
197	860 San Jude Ave.	mc	497'	6"											
198	748 San Jude Ave.	mc	354'	6"	7/12	855	903	2.16	0.00	7.0	41			o-c	mt/mp
199	2250 St. Francis	mc	400'		5/13	1255	130	2.08	0.07	8.6	5			b-c	mp/mt
200	25955 Estacada Way Blowoff	mc	220'	8"											
201	4158 Crosby Pl.	bc	123'												
202	4172 Wallis Ct.	bc	155'												
203	890 Robb Rd.	bc	845'												
204	4160 Rincon Circle	bc		4"											
205	Clark Wy. 2" blowoff at Stanford interconnect	sfc													
206	1850 Oak Creek Apts.	sfc													
207	1791 Caballo Lane	sfc													

Receiving water legend: ac = Adobe Creek; bc = Barron Creek; mc = Matadero Creek; sfc = San Francisquito Creek

FY 2009-10 City of Palo Alto Storm Water Annual Report

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Appendix 4-1

C.4.b.i Business Inspection Plan

INSPECTIONS AND SAMPLING PROGRAM

A summary of all inspections conducted by the POTW staff and all samples collected by both POTW and IUs is presented in Table 6-1.

INSPECTIONS

RWQCP Pretreatment staff conducts the following types of inspections:

Pre-Permit Inspection

These inspections are scheduled with the date and time mutually agreed upon with the industrial user. This inspection gathers and verifies information on manufacturing and treatment processes, regulated and unregulated processes, chemical storage and handling, waste disposal practices, proper secondary containment, flow rate, plumbing and piping layouts and other pertinent information. This information is used to confirm information provided by the discharger and to determine the appropriate permit type for the facility .

Violation Follow-up Inspections

Any inspection and monitoring needed to determine the status of previously found problems and violations.

Compliance Inspections

Annual or semiannual inspections scheduled with notice to industry to verify information contained in Periodic Reports of Continued Compliance and to update permit information.

Demand Inspection

Inspections conducted as a result of industry request, spill events, process or treatment changes, or other unanticipated events.

Sampling Inspections

Unannounced inspections conducted during POTW visits to site for sample collection. This is a brief inspection geared to spotting illegal discharges, plumbing changes, or other compliance related observations.

POTW staff conducted 113 inspections of industrial facilities during 2009. These inspections were in addition to 361 sampling inspections conducted by staff.

Criteria for determining inspection frequencies

Inspection frequency are set and may be modified based on changes in the type of facility, discharge volume, size of facility and compliance history. Typical frequencies are summarized in Table 6-0.

TABLE 6-0
Inspection Frequency

Type of Facility	Discharge Status	Inspection Frequency
Categorical/ SIUs	Active	2 per year
Categorical/SIUs	Zero	1 per year
Non-Categorical (potential toxic)	Active	2 per year
Non-Categorical(minor)	Active	1 per year
BMP	Active	1 per year
Non- Permitted	Active	1 per year
Ground Water	Active	Upon permit renewal
Machine Shops	Active	1 per year
Photo Processing	Active	1 per year
Automotive facilities	Active	2 per year
Restaurants	Active	Every 3 years or as needed

SAMPLING PROGRAM

Compliance sampling of significant industrial dischargers by Regional Water Quality Control Plant personnel occurs twice per year, at a minimum. More frequent follow-up sampling occurs when necessary due to compliance issues. Facilities with Best Management Practices (BMP) permits are not included in the sampling schedule. However, samples are collected to verify effectiveness of the BMPs when the regular sampling schedule permits, or if compliance issues are identified during inspections. Some facilities with BMP permits do not have building configurations that allow sampling.

Appendix 4-2

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

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Criteria for determining inspection frequencies

Inspection frequency are set and may be modified based on changes in the type of facility, discharge volume, size of facility and compliance history. Typical frequencies are summarized in Table 6-0.

TABLE 6-0
Inspection Frequency

Type of Facility	Discharge Status	Inspection Frequency
Categorical/ SIUs	Active	2 per year
Categorical/SIUs	Zero	1 per year
Non-Categorical (potential toxic)	Active	2 per year
Non-Categorical(minor)	Active	1 per year
BMP	Active	1 per year
Non- Permitted	Active	1 per year
Ground Water	Active	Upon permit renewal
Machine Shops	Active	1 per year
Photo Processing	Active	1 per year
Automotive facilities	Active	2 per year
Restaurants	Active	Every 3 years or as needed

SAMPLING PROGRAM

Compliance sampling of significant industrial dischargers by Regional Water Quality Control Plant personnel occurs twice per year, at a minimum. More frequent follow-up sampling occurs when necessary due to compliance issues. Facilities with Best Management Practices (BMP) permits are not included in the sampling schedule. However, samples are collected to verify effectiveness of the BMPs when the regular sampling schedule permits, or if compliance issues are identified during inspections. Some facilities with BMP permits do not have building configurations that allow sampling.

Photo Facilities

Facility Name	Street No	Street Name	Unit	City	State	Zip Code
BAYSHORE ANIMAL HOSPITAL	630	DONOHUE STREET		EAST PALO ALTO	CA	94303
DREW HEALTH FOUNDATION	2111	UNIVERSITY AVENUE		EAST PALO ALTO	CA	94303
NATURAL PHOTOGRAPHY	1127	SAGE STREET		EAST PALO ALTO	CA	94303-2029
ACACIA PRESS	386	STATE STREET	BOX 599	LOS ALTOS	CA	94023
ADOBE ANIMAL HOSPITAL	396	1ST STREET		LOS ALTOS	CA	94022
APERTURE	127	MAIN STREET		LOS ALTOS	CA	94022
BACK TO HEALTH CHIROPRACTIC	371	FIRST STREET		LOS ALTOS	CA	94022
CREST COPIES & BLUEPRINTS	909	SAN ANTONIO ROAD, NORTH		LOS ALTOS	CA	94022
DEN MEDICAL GROUP, INC.	746	ALTOS OAKS DRIVE		LOS ALTOS	CA	94024
FRANCIS /GWEN GRAPHIC DESIGN	334	STATE STREET		LOS ALTOS	CA	94022
GUILD WEST GRAPHIC DESIGN	4966	EL CAMINO REAL		LOS ALTOS	CA	94022
KINDNESS PET HOSPITAL	440	1ST STREET		LOS ALTOS	CA	94022
LEITNER ASSOCIATES	1745	OAK AVENUE		LOS ALTOS	CA	94024
Los Altos Family Chiropractic Center	851	FREMONT AV	# 111	LOS ALTOS	CA	94024
LOS ALTOS SILKSCREENING	308	STATE STREET		LOS ALTOS	CA	94022
MANSELL GRAPHICS	199	1ST STREET		LOS ALTOS	CA	94022
McGUINNESS DESIGN	1122	GOLDEN WAY		LOS ALTOS	CA	94024
MURRY KALISH PHOTOGRAPHY	317	STATE STREET		LOS ALTOS	CA	94022
PEREIRA PRODUCTIONS	127	1ST STREET		LOS ALTOS	CA	94022
RITCHIE. DDC /CHARLES	437	SANTA BARBARA		LOS ALTOS	CA	94022
RITE AID #5886	2310	HOMESTEAD ROAD		LOS ALTOS	CA	94024
RITZ CAMERA CENTERS #1342	398	MAIN STREET		LOS ALTOS	CA	94022
SCHOENFELD, MONIQUE	138	MAIN STREET		LOS ALTOS	CA	94022
THOMPSON. DC /KELLY F.	948	DOLORES AVENUE		LOS ALTOS	CA	94022
VIK CHIROPRACTIC CLINIC	4700	EL CAMINO REAL		LOS ALTOS	CA	94022
WALGREEN DRUG STORE #7088	303	SECOND ST		LOS ALTOS	CA	94022
FOOTHILL COLLEGE	12345	EL MONTE ROAD		LOS ALTOS HILLS	CA	94022
NASA AMES RESEARCH CENTER				MOFFET FIELD	CA	94035-1000
ABRAMS DESIGN GROUP	100	VIEW STREET		MOUNTAIN VIEW	CA	94043
ACCENT ON OFFSET	1100	L'AVENIDA		MOUNTAIN VIEW	CA	94043
ACCLAIM BY ROBERT	676	CUESTA DRIVE		MOUNTAIN VIEW	CA	94040
ADOBE SYSTEMS INCORPORATED	1565	CHARLESTON ROAD	BLDG B	MOUNTAIN VIEW	CA	94043
ADOBE SYSTEMS INCORPORATED	1098	ALTA AVENUE	BLDG D	MOUNTAIN VIEW	CA	94039-7900
ADOBE SYSTEMS INCORPORATED	1585	CHARLESTON ROAD	BLDG A	MOUNTAIN VIEW	CA	94043
ADOBE SYSTEMS INCORPORATED	1625	CHARLESTON ROAD		MOUNTAIN VIEW	CA	94043-7900
AD'S SIGNS CO.	999	INDEPENDENCE AVENUE		MOUNTAIN VIEW	CA	94040
ALEXANDER TESHIN ASSOCIATES	1605	WEST EL CAMINO REAL		MOUNTAIN VIEW	CA	94040
ALL PREMIUM SPORTSWEAR	2624	FAYETTE DRIVE		MOUNTAIN VIEW	CA	94041
ALPINE ANIMAL HOSPITAL	2460	EL CAMINO REAL, WEST		MOUNTAIN VIEW	CA	94040
ALPINE PRINTING	985	TERRA BELLA AVENUE		MOUNTAIN VIEW	CA	94043
ALTA VIEW ANIMAL HOSPITAL	690	SHOWERS DRIVE		MOUNTAIN VIEW	CA	94040
ANNEX PRINTING CENTER	711	NORTH SHORELINE BOULEVARD		MOUNTAIN VIEW	CA	94043
APLIN UNO & CHIBANA INC.	2685	MARINE WAY		MOUNTAIN VIEW	CA	94043
AZTEC PRINTING	1931	OLD MIDDLEFIELD WAY	# A	MOUNTAIN VIEW	CA	94043

Facility Name	Street No	Street Name	Unit	City	State	Zip Code
BAILEY PLAZA PHARMACY	570	N. SHORELINE BLVD		MOUNTAIN VIEW	CA	94039
BARCLAY MAPS, INC.	922	SAN LEANDRO AVENUE		MOUNTAIN VIEW	CA	94043
BENIVA	740	SIERRA VISTA AVENUE		MOUNTAIN VIEW	CA	94043
BEST OF COUPONS	1050	INDEPENDENCE AVENUE	# B	MOUNTAIN VIEW	CA	94043
BROOKINS SIGNS	461	EL CAMINO REAL, WEST		MOUNTAIN VIEW	CA	94043
BROWN /MARK M DESIGN	468	PALO ALTO AVENUE		MOUNTAIN VIEW	CA	94043
BUTINA, C - PHOTO	897	INDEPENDENCE AVENUE		MOUNTAIN VIEW	CA	94043
CALLO SIGN CO.	2224	OLD MIDDLEFIELD WAY		MOUNTAIN VIEW	CA	94043
CARLICK ADVERTISING	707	CALIFORNIA STREET		MOUNTAIN VIEW	CA	94041
CHIROPRACTIC PERFORMANCE CENTER	1411	WEST EL CAMINO REAL	# B	MOUNTAIN VIEW	CA	94040
Chiropractic Sport Center-TropeaChiroCe	278	HOPE ST		MOUNTAIN VIEW	CA	94041-1364
CINCONE GRAPHICS, INC.	953	SIERRA VISTA AVENUE		MOUNTAIN VIEW	CA	94043
COLOR MAGIC LASER COPIES	2551	CASEY AVENUE	# A	MOUNTAIN VIEW	CA	94043
COLORMAGIC COLOR LASER COPIES	2551	CASEY AVENUE		MOUNTAIN VIEW	CA	94043
COSMETIC SURGERY MEDICAL GROUP	305	SOUTH DRIVE	# 1	MOUNTAIN VIEW	CA	94040
COSTCO WHOLESALE #143	1000	RENGSTORFF AVENUE, NORTH		MOUNTAIN VIEW	CA	94043
CREATIVELY SPEAKING DESIGN	812	WAKE FOREST ROAD		MOUNTAIN VIEW	CA	94043
DANCE PHOTOGRAPHY	417	HEDGEROW COURT		MOUNTAIN VIEW	CA	94041
DAVID MADISON PHOTOGRAPHY	2330	OLD MIDDLEFIELD WAY	# 6	MOUNTAIN VIEW	CA	94043
DESIGNSCAPE	2455	OLD MIDDLEFIELD WAY	# H	MOUNTAIN VIEW	CA	94043
DESIGNWRITE GRAPHICS	2407	CHARLESTON ROAD		MOUNTAIN VIEW	CA	94043
DeVoss Chiropractic Office	682	VILLA ST	# E	MOUNTAIN VIEW	CA	94041
DOONE /RICHARD DESIGN	2672	BAYSHORE PARKWAY	# 502	MOUNTAIN VIEW	CA	94043
EDWARDS. DPM /LARRY J.	305	SOUTH DRIVE	# 6	MOUNTAIN VIEW	CA	94040
EL MONTE VETERINARY CLINIC. INC.	675	ESCUELA AVENUE		MOUNTAIN VIEW	CA	94040
ELITE DESIGN PLUS	1931	OLD MIDDLEFIELD WAY	# C	MOUNTAIN VIEW	CA	94043
ERNST ASSOCIATES IN GRAPHICS	247	VELARDE		MOUNTAIN VIEW	CA	94041
EXPRESS PRINTING & GRAPHICS	2580	WYANDOTTE	# B	MOUNTAIN VIEW	CA	94041
FENESY. DPM /CHRISTOPHER J.	1704	MIRAMONTE AVE	# 7	MOUNTAIN VIEW	CA	94040
FOTRON PHOTO LAB	143	CASTRO STREET		MOUNTAIN VIEW	CA	94041-1201
GENESIS PHOTOGRAPHY	185	MOFFETT BOULEVARD		MOUNTAIN VIEW	CA	94043
GILCHRIST PHOTOGRAPHY /GUY	2170	OLD MIDDLEFIELD WAY		MOUNTAIN VIEW	CA	94043
GOODCO PRESS. INC.	2480	OLD MIDDLEFIELD WAY		MOUNTAIN VIEW	CA	94043
HALL & ASSOCIATES	229	POLARIS AVENUE		MOUNTAIN VIEW	CA	94043
HOUSE OF PRINTING	2544	LEGHORN STREET		MOUNTAIN VIEW	CA	94043
IDENTIFICATION SERVICES	985	TERRA BELLA AVENUE		MOUNTAIN VIEW	CA	94043
INKSMITH PRINTING	2520	WYANDOTTE ST		MOUNTAIN VIEW	CA	94043
J.P. DIGITAL IMAGING	230	POLARIS AVENUE		MOUNTAIN VIEW	CA	94043
JASCO CHEMICAL CORPORATION	0	P.O. DRAWER J		MOUNTAIN VIEW	CA	94042
KINKO'S COPIES	1915	EL CAMINO REAL, WEST		MOUNTAIN VIEW	CA	94040
LARSON ORTHODONTICS	777	CUESTA DRIVE	# 100	MOUNTAIN VIEW	CA	94040
LEE PHILLIPS PHOTOGRAPHY	1350	PEAR AVENUE	# H	MOUNTAIN VIEW	CA	94043
LETTERLAND	999	INDEPENDENCE AVENUE	# B3	MOUNTAIN VIEW	CA	94040
LION PRINTER	823	EL CAMINO REAL, WEST		MOUNTAIN VIEW	CA	94040
LONGS DRUG STORE (1041 EL MONTE)	1041	EL MONTE AVENUE		MOUNTAIN VIEW	CA	94040
LONGS DRUG STORE#66	2630	EL CAMINO REAL, WEST		MOUNTAIN VIEW	CA	94040
LOS ALTOS FOOT CLINIC	105	SOUTH DRIVE	# B	MOUNTAIN VIEW	CA	94040

Facility Name	Street No	Street Name	Unit	City	State	Zip Code
LOS ALTOS-MTN. VIEW CHIROPRACTIC CLINIC	1702	MIRAMONTE AVENUE	# A	MOUNTAIN VIEW	CA	94040
LUCKY PRINTING	914	EL CAMINO REAL, WEST		MOUNTAIN VIEW	CA	94040
MAD MACS	465	FAIRCHILD DRIVE		MOUNTAIN VIEW	CA	94041
MAYFIELD PUBLISHING COMPANY	1240	VILLA STREET		MOUNTAIN VIEW	CA	94041
MINUTE-MAN PRESS	1339	EL MONTE AV	# L	MOUNTAIN VIEW	CA	94040
MONTIGRAPHICS	1914	PLYMOUTH STREET	# B	MOUNTAIN VIEW	CA	94043
MOON-LITH PRESS	2330	OLD MIDDLEFIELD WAY		MOUNTAIN VIEW	CA	94043
MORTENSEN DESIGN	416	BUSH		MOUNTAIN VIEW	CA	94043
MOUNTAIN VIEW VETERINARY CLINIC	1413	GRANT ROAD		MOUNTAIN VIEW	CA	94040-3250
MV-LA UNION HS DISTRICT	1299	BRYANT AVENUE		MOUNTAIN VIEW	CA	94040-4599
NEC ELECTRONICS. INC.	401	ELLIS STREET		MOUNTAIN VIEW	CA	94039
NELSON, GEOFFREY	2235	OLD MIDDLEFIELD WAY		MOUNTAIN VIEW	CA	94043
NO. CALIFORNIA PERMANENTE MED GRP	555	CASTRO STREET		MOUNTAIN VIEW	CA	94041-2060
Northern Cal. Retina-Vitreous Assoc.	2485	HOSPITAL DRIVE	# 200	MOUNTAIN VIEW	CA	94040
ORTHOPEDIC SURGERY	2500	HOSPITAL DRIVE	BLDG 7	MOUNTAIN VIEW	CA	94040
PANORAMA RESEARCH, INC.	2462	WYANDOTTE STREET		MOUNTAIN VIEW	CA	94043-2313
PARKS. DVM /JOHN B.	1350	GRANT ROAD	#14A	MOUNTAIN VIEW	CA	94040
PAVCO	719	SHORELINE BLVD., NORTH		MOUNTAIN VIEW	CA	94043
PEGASUS SCREEN PRINTED PRODUCTS	709	SHORELINE BLVD., NORTH		MOUNTAIN VIEW	CA	94043
PENINSULA BUSINESS FORMS	2672	BAYSHORE PARKWAY		MOUNTAIN VIEW	CA	94043
PENINSULA DIGITAL IMAGING	599	FAIRCHILD DR		MOUNTAIN VIEW	CA	94043
PHOTO GRAPHICS PRINTING	2274	MORA DRIVE		MOUNTAIN VIEW	CA	94040
PHOTOGRAPHY BY KRISTIN	0	PO BOX 4814		MOUNTAIN VIEW	CA	94040
PORTILLO, RALPH	415	CLYDE AVENUE		MOUNTAIN VIEW	CA	94043
POSTAL EXPRESS	801	EL CAMINO REAL, WEST		MOUNTAIN VIEW	CA	94043
PROTEUS GRAPHICS	2444	OLD MIDDLEFIELD WAY	# J	MOUNTAIN VIEW	CA	94043-2300
QUALITY IMPRINT	2265	OLD MIDDLEFIELD WAY		MOUNTAIN VIEW	CA	94043
R AND J COMMUNICATIONS	257	CASTRO STREET		MOUNTAIN VIEW	CA	94041
RITE AID #5888	685	SAN ANTONIO ROAD		MOUNTAIN VIEW	CA	94040
RODNEY L. WONG, M.D.	515	SOUTH DRIVE	# 16	MOUNTAIN VIEW	CA	94040
RON KIMBALL STUDIOS	1960	COLONY WAY		MOUNTAIN VIEW	CA	94040
ROPER, DON PHOTOGRAPHY	1931	OLD MIDDLEFIELD WAY		MOUNTAIN VIEW	CA	94043
ROY MINOR GRAPHIC ARTS	2255	MIDDLEFIELD ROAD, WEST		MOUNTAIN VIEW	CA	94043
ROY MINOR GRAPHIC ARTS	2255	MIDDLEFIELD ROAD, WEST		MOUNTAIN VIEW	CA	94043
RUCKER-HUGGINS	196	CASTRO STREET		MOUNTAIN VIEW	CA	94041
RW GRAPHICS	222	VIEW STREET		MOUNTAIN VIEW	CA	94041
SAUL CHIROPRACTIC OFFICE	655	EVELYN AVENUE WEST	# 6	MOUNTAIN VIEW	CA	94041
SHORELINE PRINTING AND GRAPHICS	2558	MIDDLEFIELD ROAD		MOUNTAIN VIEW	CA	94043
SILICON VALLEY STUDIO	415	CLYDE AVENUE		MOUNTAIN VIEW	CA	94043
SIMON PRINTING, INC.	2276	MORA DRIVE		MOUNTAIN VIEW	CA	94040
SPECS INDUSTRIES	831	SIERRA VISTA AVENUE		MOUNTAIN VIEW	CA	94043
SUN MICROSYSTEMS. INC.	901	SAN ANTONIO ROAD	PAL 10	MOUNTAIN VIEW	CA	94043
SUN MICROSYSTEMS. INC.	2632	MARINE WAY	MTV 11	MOUNTAIN VIEW	CA	94043
SUN MICROSYSTEMS. INC.	2700	BRODERICK WAY	MTV 10	MOUNTAIN VIEW	CA	94043
TALARIS SYSTEMS, INC.	396	MARIPOSA AVENUE		MOUNTAIN VIEW	CA	94040
TECHNITRON INC.	630	NATIONAL AVENUE		MOUNTAIN VIEW	CA	94043
THE PRINTING CLUB	225	SAN ANTONIO ROAD		MOUNTAIN VIEW	CA	94040

Facility Name	Street No	Street Name	Unit	City	State	Zip Code
THE ROBOTS, INC	2247	OLD MIDDLEFIELD WAY	# A	MOUNTAIN VIEW	CA	94043
TLC GRAPHICS	1350	PEAR AVENUE	# K	MOUNTAIN VIEW	CA	94043
U-BEST PRINTING, INC.	717	NORTH SHORELINE BOULEVARD		MOUNTAIN VIEW	CA	94043
UNO GRAPHICS	999	INDEPENDENCE AVENUE		MOUNTAIN VIEW	CA	94043
VEZZANI PRINTING CO.	950	RENGSTORFF AVENUE	# E	MOUNTAIN VIEW	CA	94043
VIERRA SCREEN PRINTING, INC.	897	INDEPENDENCE AVENUE	# 3 - E	MOUNTAIN VIEW	CA	94040
VINTAGE PRESS	897	INDEPENDENCE AVENUE	# 2D	MOUNTAIN VIEW	CA	94043
WALGREEN DRUG STORE #0689	121	EL CAMINO REAL, EAST		MOUNTAIN VIEW	CA	94040
WALGREEN'S DRUG STORE#2659	112	RENGSTORFF AVENUE, NORTH		MOUNTAIN VIEW	CA	94043
WALLACE NEESHAM STUDIOGRAPHIX	229	POLARIS AVENUE		MOUNTAIN VIEW	CA	94043
WALMART	600	SHOWERS DRIVE		MOUNTAIN VIEW	CA	94043
WATSON CHIROPRACTIC SCOLIOSIS	2425	CALIFORNIA AVENUE		MOUNTAIN VIEW	CA	94040
WEAVER, ROBERT	291	TYRELLA AVENUE		MOUNTAIN VIEW	CA	94043
WEINBERG AND CLARK PHOTOGRAPHY	160	DANA STREET EAST		MOUNTAIN VIEW	CA	94041
WILLIS PHOTO LAB	2510	OLD MIDDLEFIELD WAY		MOUNTAIN VIEW	CA	94043
WOLF CAMERA & VIDEO #1344	1898	EL CAMINO REAL WEST		MOUNTAIN VIEW	CA	94040
Y&Y TYPESETTING AND PRINTING	1916	OLD MIDDLEFIELD WAY	# H	MOUNTAIN VIEW	CA	94043
ACCELERATED PRINTING	460	CAMBRIDGE AVENUE		PALO ALTO	CA	94306
ACORN SIGNS	716	SAN ANTONIO ROAD		PALO ALTO	CA	94303
AMCOE SIGN CO.	960	SAN ANTONIO ROAD		PALO ALTO	CA	94303
AMERICAN PRINTING & COPY, INC.	494	UNIVERSITY AVENUE		PALO ALTO	CA	94301
ANDERSON /JANE DESIGN	212	HIGH STREET		PALO ALTO	CA	94301
ARMSTRONG /DON & ASSOCIATES	1900	EMBARCADERO ROAD		PALO ALTO	CA	94303
ARMSTRONG AND ASSOCIATES /DON	1900	EMBARCADERO ROAD	# 104	PALO ALTO	CA	94303
ART TEXTURES	1285	HAMILTON AVENUE		PALO ALTO	CA	94301
BARKER DESIGN	212	HIGH STREET	# 105	PALO ALTO	CA	94301
BASSO. DPM /MYRON J.	462	FOREST AVENUE		PALO ALTO	CA	94301
BAY PRINTING	974	COMMERCIAL		PALO ALTO	CA	94303
BIRD /JOHN ADVERTISING DESIGN	212	HIGH STREET		PALO ALTO	CA	94301
BIRD PUBLISHING	668	HIGH STREET		PALO ALTO	CA	94301
BLUE DOG DESIGN	373	WAVERLEY STREET		PALO ALTO	CA	94301
BOWNE	1800	EMBARCADERO ROAD		PALO ALTO	CA	94303
CANYON DESIGN	953	INDUSTRIAL AVENUE		PALO ALTO	CA	94303
COHEN IRWIN, D.P.M.	3200	MIDDLEFIELD ROAD	# B	PALO ALTO	CA	94306
COMMUNICATION ARTS	410	SHERMAN AVENUE		PALO ALTO	CA	94303
CONTEMPORARY ENGRAVING CO.	425	LAMBERT AVENUE		PALO ALTO	CA	94306
CORPORATE DESIGN STRATEGIES	540	BRYANT		PALO ALTO	CA	94301
CPI	811	HANSEN WAY		PALO ALTO	CA	94303-0750
CRYSTAL TECHNOLOGY 1040	1040	EAST MEADOW CIRCLE		PALO ALTO	CA	94303
CV THERAPEUTICS	3172	PORTER DRIVE		PALO ALTO	CA	94304
DAVE PAULY GRAPHICS	230	CALIFORNIA AVENUE	# 103	PALO ALTO	CA	94306
DESIGN SPECTRUM	125	UNIVERSITY AVENUE		PALO ALTO	CA	94301
DOLPHIN MULTI-MEDIA	2458	EMBARCADERO WAY		PALO ALTO	CA	94303
DOW JONES	1701	PAGE MILL ROAD		PALO ALTO	CA	94304
EBERHART /DELORES	880	MIDDLEFIELD ROAD		PALO ALTO	CA	94301
EL CAMINO ANIMAL HOSPITAL	2951	EL CAMINO REAL		PALO ALTO	CA	94306
ELECTRIC POWER INSTITUTE	3412	HILLVIEW AVENUE		PALO ALTO	CA	94303

Facility Name	Street No	Street Name	Unit	City	State	Zip Code
GALARNEAU & SINN LTD	378	CAMBRIDGE AVENUE		PALO ALTO	CA	94306
Gavin Carr Chiropractic, Inc.	489	MIDDLEFIELD ROAD		PALO ALTO	CA	94301
GENENCOR INTERNATIONAL	925	PAGE MILL ROAD		PALO ALTO	CA	94304
HALLECK DESIGN GROUP	470	RAMONA		PALO ALTO	CA	94301
HAMILTON COPY CENTER	156	HAMILTON AVENUE		PALO ALTO	CA	94301
HAMILTON PRESS	158	HAMILTON AVENUE		PALO ALTO	CA	94301
HEWLETT PACKARD LABORATORIES	1501	PAGE MILL ROAD	BLDG 1-6	PALO ALTO	CA	94303
HISATA-SAKOW DESIGN ASSOCIATES	327	WAVERLEY		PALO ALTO	CA	94301
IMAGE TECHNOLOGY	817	SAN ANTONIO ROAD	#821	PALO ALTO	CA	94303
INFORMATION PUBLICATIONS	3790	EL CAMINO REAL	# 162	PALO ALTO	CA	94306
INGBRITT /CHRISTENSEN DESIGN	171	FOREST AVENUE		PALO ALTO	CA	94301
JACOBS FULTON DESIGN GROUP	745	EMERSON STREET		PALO ALTO	CA	94301
JOHNSON /PAIGE DESIGN INC.	290	LOWELL AVENUE		PALO ALTO	CA	94306
JORLINK USA	425	LAMBERT AVENUE		PALO ALTO	CA	94306
JUNGLE COPY	151	UNIVERSITY AVENUE		PALO ALTO	CA	94301
KALO BIOS, INC.	3427	HILLVIEW AVENUE	# 200	PALO ALTO	CA	94304
KARIN SCHOLZ DESIGN	1343	ALMA STREET		PALO ALTO	CA	94301
KEDAR DESIGNS	433	COLLEGE AVENUE		PALO ALTO	CA	94301
KHARIBIAN R & ASSOCIATES	3906	LAGUNA AVENUE		PALO ALTO	CA	94306
KINKO'S COPIES	249	CALIFORNIA AVENUE		PALO ALTO	CA	94306
KSP INC. COLOR/BLACK AND WHITE LAB	290	CALIFORNIA AVENUE		PALO ALTO	CA	94306
LAUREN SMITH DESIGN	920	GUINDA STREET		PALO ALTO	CA	94301-3318
LAWRENCE BENDER & ASSOCIATES	512	HAMILTON AVENUE		PALO ALTO	CA	94301
LOCKHEED MARTIN SPACE SYSTEMS CO.	3251	HANOVER STREET		PALO ALTO	CA	94304
LONGS DRUG STORE (2701 MIDDLEFIELD)	2701	MIDDLEFIELD ROAD		PALO ALTO	CA	94306
LONGS DRUG STORE (352 UNIVERSITY)	352	UNIVERSITY AVENUE		PALO ALTO	CA	94301
LONGS DRUG STORE (855 EL CAMINO)	855	EL CAMINO REAL	# 116	PALO ALTO	CA	94301
LUCILE PACKARD CHILDREN'S HOSPITAL	725	WELCH ROAD		PALO ALTO	CA	94304
MARLEY TAYLOR, DPM	853	MIDDLEFIELD ROAD	# 3	PALO ALTO	CA	94301
MATRIX GRAPHIC DESIGN INC.	660	HIGH STREET		PALO ALTO	CA	94301
MICHAEL PATRICK PARTNERS	532	EMERSON		PALO ALTO	CA	94301
MICHELFELDER DESIGN GROUP	236	HAMILTON AVENUE		PALO ALTO	CA	94301
MIKE COBB ASSOCIATES	450	SAN ANTONIO ROAD	# 13	PALO ALTO	CA	94306
MIKULAK, JOHN P, DC	3521	ALMA STREET		PALO ALTO	CA	94306-3539
MULLENS. DPM /DAVID D.	1101	WELCH ROAD	# C-6	PALO ALTO	CA	94304
No. California Women's Imaging Center	900	WELCH ROAD	# 101	PALO ALTO	CA	94304
OMEGA PRINTING	441	WAVERLEY STREET		PALO ALTO	CA	94301
PAGE MILL PET HOSPITAL	461	PAGE MILL ROAD		PALO ALTO	CA	94306
PALO ALTO CHIROPRACTIC CLINIC	1691	EL CAMINO REAL	# 100	PALO ALTO	CA	94306-1009
PALO ALTO DESIGN	640	WAVERLY STREET		PALO ALTO	CA	94301
PALO ALTO DESIGN	640	WAVERLEY		PALO ALTO	CA	94301
PALO ALTO MEDICAL FOUNDATION	795	EL CAMINO REAL	BLDG B & C	PALO ALTO	CA	94301
PALO ALTO PET HOSPITAL	711	EL CAMINO REAL		PALO ALTO	CA	94301
PALO ALTO UNIF SCH'L DIST: PA HS	50	EMBARCADERO ROAD		PALO ALTO	CA	94306
PIP PRINTING	2233	EL CAMINO REAL		PALO ALTO	CA	94306
PR DESIGN	743	MONTROSE AVENUE		PALO ALTO	CA	94303
PRO PRINT & SERVICES	935	INDUSTRIAL AVENUE		PALO ALTO	CA	94303

Facility Name	Street No	Street Name	Unit	City	State	Zip Code
PRODIGY PRESS, INC.	270	LAMBERT AVENUE		PALO ALTO	CA	94306
RITZ CAMERA CENTERS #1332	222	UNIVERSITY AVENUE		PALO ALTO	CA	94301
ROGONDINO & ASSOCIATES	779	HOLLY OAK DRIVE		PALO ALTO	CA	94306
ROLAND QUINTERO PHOTOGRAPHY. INC.	732	MONTROSE AVENUE		PALO ALTO	CA	94303-4720
Schering-Plough Biopharma	855	CALIFORNIA AVENUE		PALO ALTO	CA	94304-1104
SCHORR, DAVID, D.C.	4117	EL CAMINO REAL		PALO ALTO	CA	94306
SCREENTRONIX	918	INDUSTRIAL AVENUE		PALO ALTO	CA	94303
SHERETZ PHOTOGRAPHY	2272	PRINCETON STREET		PALO ALTO	CA	94306
South Peninsula Vet. Emergency Clinic	3045	MIDDLEFIELD ROAD		PALO ALTO	CA	94306
SPACE SYSTEMS/LORAL (FABIAN)	3825	FABIAN WAY		PALO ALTO	CA	94303
STANFORD DESIGN ASSOCIATES	895	NORTHAMPTON DRIVE		PALO ALTO	CA	94303
STANFORD PET CLINIC	4111	EL CAMINO REAL		PALO ALTO	CA	94306
STANFORD UNIVERSITY CAMPUS	800	WELCH ROAD		PALO ALTO	CA	94304
STEVENS PRINTING CO	2435	BIRCH		PALO ALTO	CA	94306
Surgical & Medical Center (FacialReconst	750	WELCH ROAD	# 317	PALO ALTO	CA	94304
TEUTSCHEL DESIGN SERVICES	3790	EL CAMINO REAL		PALO ALTO	CA	94306
THE COPY SHOP	581	UNIVERSITY AVENUE		PALO ALTO	CA	94301
THE SHIRTSTOP	3419	ALMA		PALO ALTO	CA	94301
UNIVERSITY ART CENTER	267	HAMILTON AVENUE		PALO ALTO	CA	94301
UNIVERSITY CHIROPRACTIC CLINIC	326	BRYANT STREET		PALO ALTO	CA	94301
Varian Medical Systems	911	HANSEN WAY		PALO ALTO	CA	94304
VISUAL GROUP	345	CALIFORNIA AVENUE		PALO ALTO	CA	94306
WALGREEN DRUG STORE #0781	300	UNIVERSITY AVENUE		PALO ALTO	CA	94301
WALGREEN DRUG STORE #3344	4170	EL CAMINO REAL		PALO ALTO	CA	94306
WALGREEN DRUG STORE #6869	2605	MIDDLEFIELD ROAD		PALO ALTO	CA	94306
WELCH ROAD IMAGING (WRI)	400	CHANNING AV		PALO ALTO	CA	94301
WESTERN FRONT GRAPHICS	715	COLORADO AVENUE		PALO ALTO	CA	94306
YOUNG /GEORGE	667	TENNYSON AVENUE		PALO ALTO	CA	94301
STANFORD HOSPITAL AND CLINICS	300	PASTEUR DRIVE, RM N131;MC 5788		STANFORD	CA	94305

Machine Shop Facilities

Facility Name	Street No	Street Name	Unit	City	State	Zip Code
LANDS SHARKS MOBILE WELDING (MBL)					CA	
MDT WELDING (MOBILE)					CA	
MOBILE WELDING SERVICE (MOBILE)					CA	
J & J RENTALS/REPAIRS	1800	BAYSHORE ROAD WEST		EAST PALO ALTO	CA	94303
RPM STEEL FABRICATION, INC.	225	DEMETER		EAST PALO ALTO	CA	94303
NASA AMES RESEARCH CENTER				MOFFET FIELD	CA	94035-1000
ADVANCED WELDING, INC.	1088	INDEPENDENCE AVENUE	# A	MOUNTAIN VIEW	CA	94043
ASTEK PRECISION	620	NATIONAL AVENUE		MOUNTAIN VIEW	CA	94043-2222
B & K ENGINEERING INC	1080	L'AVENIDA STREET	# B	MOUNTAIN VIEW	CA	94043
BASIC VI TECHNOLOGY INC	1400	SHORELINE BLVD NORTH	# A1	MOUNTAIN VIEW	CA	94043-1346
BAY BAR PRODUCTS	625	NATIONAL AVENUE		MOUNTAIN VIEW	CA	94043
BELL INDUSTRIES	2637	MARINE WAY		MOUNTAIN VIEW	CA	94043-1196
BRANDT'S PRECISION MACHINE	1230	PEAR AVENUE	# 2	MOUNTAIN VIEW	CA	94043-1441
CAL-DO MACHINE	846	INDEPENDENCE AVENUE	# B	MOUNTAIN VIEW	CA	94043-2333
CENTERLINE PRECISION MACHINING	2587	WYANDOTTE STREET		MOUNTAIN VIEW	CA	94043-2314
CONTOURING TECHNOLOGY INC.	1400	SHORELINE BLVD NORTH		MOUNTAIN VIEW	CA	94043-1346
DOHERTY MACHINES	0	PO BOX 390091		MOUNTAIN VIEW	CA	94043
DOO-WAH PRODUCTS	855	MAUDE AVENUE		MOUNTAIN VIEW	CA	94041
ERC CONCEPTS	2177	LEGHORN STREET		MOUNTAIN VIEW	CA	94043-1605
ERICO ENGINEERING & MANUFACTURING	2220	MORA DRIVE		MOUNTAIN VIEW	CA	94040-1549
FABTRON	2287	MORA DRIVE		MOUNTAIN VIEW	CA	94040
FAIRCHILD SEMICONDUCTOR	350	ELLIS STREET		MOUNTAIN VIEW	CA	94043
GERANEN'S MACHINE SHOP	2541	LEGHORN STREET		MOUNTAIN VIEW	CA	94043-1613
GIVMAR PRECISION MACHINING	1904	COLONY STREET		MOUNTAIN VIEW	CA	94043-1710
GOODWIN DESIGN & MANUFACTURING	2510	OLD MIDDLEFIELD WAY		MOUNTAIN VIEW	CA	94043-2347
HARBUR GRINDING CO. INC.	380	LOGUE AVENUE		MOUNTAIN VIEW	CA	94043-4017
HASELTINE INDUSTRIAL ENGRAVERS	1074	WENTWORTH STREET	# B	MOUNTAIN VIEW	CA	94043-4629
HORNIG PRECISION MACHINING	1931	OLD MIDDLEFIELD WAY		MOUNTAIN VIEW	CA	94043-2563
HORNIG PRECISION MACHINING	740	SIERRA VISTA AVENUE	# H	MOUNTAIN VIEW	CA	94043-2563
JASPER ENGINEERING	1240	PEAR AVENUE	# A	MOUNTAIN VIEW	CA	94043-1442
KEMCO MACHINE & MFG	486	ELLIS STREET		MOUNTAIN VIEW	CA	94043-2204
M & M GRINDING	275	POLARIS AVENUE		MOUNTAIN VIEW	CA	94043-4514
M & O PRECISION MACHINE	770	YUBA DRIVE		MOUNTAIN VIEW	CA	94041-2441
MAYNARD'S TRAILER HITCH & WELDING	2455	OLD MIDDLEFIELD WAY		MOUNTAIN VIEW	CA	94043
MINIMATICS INC	433	CLYDE AVENUE		MOUNTAIN VIEW	CA	94043-2209
N T ENGINEERING	1050	INDEPENDENCE AVENUE		MOUNTAIN VIEW	CA	94043-1602
NS MANUFACTURING	2218	WYANDOTTE STREET		MOUNTAIN VIEW	CA	94043
P C S COMPANY	1957	OLD MIDDLEFIELD WAY		MOUNTAIN VIEW	CA	94043-2543
PALO ALTO ELECTRIC MOTOR CORP.	2584	LEGHORN STREET		MOUNTAIN VIEW	CA	94041

Facility Name	Street No	Street Name	Unit	City	State	Zip Code
PIRAMOON TECHNOLOGIES	719	SHORELINE BLVD., NORTH		MOUNTAIN VIEW	CA	94043
PLASTICS SRT	2626	BAYSHORE PARKWAY		MOUNTAIN VIEW	CA	94043
PRECISION MACHINE PRODUCTS	2541	LEGHORN STREET		MOUNTAIN VIEW	CA	94043-1613
PRECISION TOOL & GRINDING INC	265	POLARIS AVENUE		MOUNTAIN VIEW	CA	94043-4514
RND LIMITED	831	SIERRA VISTA AVENUE		MOUNTAIN VIEW	CA	94043
SCREEN TECH INC.	1110	L'AVENIDA		MOUNTAIN VIEW	CA	94043
SPACE COMPONENTS, INC.	2541	LEGHORN STREET		MOUNTAIN VIEW	CA	94043-1613
SQUAGLIA MANUFACTURING CO	275	POLARIS AVENUE		MOUNTAIN VIEW	CA	94043-4514
STOESSER INDUSTRIES	2440	LEGHORN STREET		MOUNTAIN VIEW	CA	94043
SUNRISE EAST-WEST	486	ELLIS STREET		MOUNTAIN VIEW	CA	94043
TOBAR INDUSTRIES	161	EVELYN AVENUE EAST		MOUNTAIN VIEW	CA	94041
TORQUE-A-MATIC PRECISION MACHINING	264	POLARIS AVENUE		MOUNTAIN VIEW	CA	94043-4595
TRUE SPEX PRECISION MACHINING	2286	MORA DRIVE		MOUNTAIN VIEW	CA	94040-1549
WALTEC ENGINEERING, INC.	1132	INDEPENDENCE AVENUE		MOUNTAIN VIEW	CA	94043
ALZA CORPORATION	2575	HANOVER STREET	BLDG D	PALO ALTO	CA	94304
ALZA CORPORATION	1450	PAGE MILL ROAD	BLDG N	PALO ALTO	CA	94303
BARON WELDING & IRON WORKS, INC.	255	DEMETER		PALO ALTO	CA	94303
BECKMAN INSTRUMENTS	1050	PAGE MILL ROAD	BLDG 2B, 3	PALO ALTO	CA	94304
COMMUNICATION & POWER INDUSTRY	811	HANSEN WAY	BLDG 1, 2	PALO ALTO	CA	94303-0750
GEMFIRE CORPORATION	2440	EMBARCADERO WAY		PALO ALTO	CA	94303
HAMMON PLATING CORPORATION	890	COMMERCIAL STREET		PALO ALTO	CA	94303
HEWLETT PACKARD	1601	CALIFORNIA AVENUE	BLDG 17	PALO ALTO	CA	94304
HEWLETT PACKARD LABORATORIES	1501	PAGE MILL ROAD	BLDG 1-6	PALO ALTO	CA	94303
NOVACEPT	1047	ELWELL COURT		PALO ALTO	CA	94303
QUALITY METAL SPIN/MACHIN.	4047	TRANSPORT STREET		PALO ALTO	CA	94303
SAS TAP & STUD EXTRACTION	3516	EL CAMINO REAL		PALO ALTO	CA	94306
SPACE SYSTEMS/LORAL	3825	FABIAN WAY, M/S D-07		PALO ALTO	CA	94303-4697
SPECIFIC PLATING	930	INDUSTRIAL AVENUE		PALO ALTO	CA	94303
SYNTEX CORPORATION	3401	HILLVIEW AVENUE	BLDG 1, 2	PALO ALTO	CA	94304
VA PALO ALTO HEALTH CARE SYS	3801	MIRANDA ROAD		PALO ALTO	CA	94304
VARIAN ASSOCIATES, INC	3075	HANSEN WAY	BLDG 7	PALO ALTO	CA	94304
STANFORD UNIVERSITY	327	BONAIR SIDING		STANFORD	CA	94305-8007

IU Facilities

Facility Name	Address	City	State	Zip Code
CAL SPRAY INCORPORATED	1905 BAY ROAD	EAST PALO ALTO	CA	94303
FOOTHILL COLLEGE	12345 EL MONTE ROAD	LOS ALTOS HILLS	CA	94022
NASA AMES RESEARCH CENTER	MAIL STOP 237-14	MOFFETT FIELD	CA	94035-1000
ADEMA TECHNOLOGIES, INC.	401 NATIONAL AVENUE	MOUNTAIN VIEW	CA	94043
ALEXZA PHARMACEUTICALS	2091 STIERLIN COURT	MOUNTAIN VIEW	CA	94043
AMERICA ONLINE	475 ELLIS STREET	MOUNTAIN VIEW	CA	94043
BN IMMUNO THERAPEUTICS (BNIT)	2425 GARCIA AVENUE	MOUNTAIN VIEW	CA	94043
CALIPER LIFESCIENCES	605 EAST FAIRCHILD DRIVE	MOUNTAIN VIEW	CA	94043
CHEMOCENTRYX	850 MAUDE AVENUE	MOUNTAIN VIEW	CA	94043
CITY OF MOUNTAIN VIEW LANDFILL	3070 NORTH SHORELINE BLVD	MOUNTAIN VIEW	CA	94043
CLONTECH LABORATORIES, INC.	1290 TERRA BELLA AVENUE	MOUNTAIN VIEW	CA	94043
CRYSTACOMM INC.	1599 N. SHORELINE BLVD	MOUNTAIN VIEW	CA	94043
DEPUY SPINE	365 RAVENDALE DRIVE	MOUNTAIN VIEW	CA	94043
EL CAMINO HOSPITAL	2400/2500 GRANT ROAD	MOUNTAIN VIEW	CA	94039-7025
HITACHI CHEMICAL DIAGNOSTICS, INC.	630 CLYDE COURT	MOUNTAIN VIEW	CA	94043
HUNTINGTON MECHANICAL LABS, INC.	1040 L' AVENIDA	MOUNTAIN VIEW	CA	94043
LASERCARD CORPORATION	2644 BAYSHORE PARKWAY	MOUNTAIN VIEW	CA	94043
MAP PHARMACEUTICALS, INC.	2400 BAYSHORE PARKWAY, SUITE 200	MOUNTAIN VIEW	CA	94043
MEDIMMUNE VACCINES, INC.	319 NORTH BERNARDO AVENUE	MOUNTAIN VIEW	CA	94043
MEDIMMUNE VACCINES, INC.	297 NORTH BERNARDO AVENUE	MOUNTAIN VIEW	CA	94043
OXONICA, INC.	325 EAST MIDDLEFIELD ROAD	MOUNTAIN VIEW	CA	94043
PROGENITOR CELL THERAPY, LLC	291 NORTH BERNARDO AVENUE	MOUNTAIN VIEW	CA	94043
RD CHEMICAL COMPANY	1350 PEAR AVENUE, SUITE A	MOUNTAIN VIEW	CA	94043
SBI-SYSTEM BIOSCIENCES, LLC	1616 NORTH SHORELINE BLVD., SUITE A	MOUNTAIN VIEW	CA	94043
SETI INSTITUTE	515 NORTH WHISMAN ROAD	MOUNTAIN VIEW	CA	94043
SHORELINE AMPHITHEATRE	1 AMPHITHEATRE PARKWAY	MOUNTAIN VIEW	CA	94043
SIEMENS ULTRASOUND DIVISION	1215 CHARLESTON ROAD, BLDG 2	MOUNTAIN VIEW	CA	94043
TELEDYNE MICROWAVE	1274 TERRA BELLA AVENUE	MOUNTAIN VIEW	CA	94043-1820
THIN SILICON	1400 NORTH SHORELINE BLVD., SUITE B3	MOUNTAIN VIEW	CA	94043
ACME BIOSCIENCES	3941 EAST BAYSHORE ROAD	PALO ALTO	CA	94303
AFFYMAX RESEARCH INSTITUTE	4001 MIRANDA AVENUE	PALO ALTO	CA	94304
ANACOR PHARMACEUTICALS, INC.	1060 EAST MEADOW CIRCLE	PALO ALTO	CA	94303
ANACOR PHARMACEUTICALS, INC.	1020 EAST MEADOW CIRCLE	PALO ALTO	CA	94303
ARRESTO BIOSCIENCES	3183 PORTER DRIVE	PALO ALTO	CA	94304
CARBYLAN BIOSURGERY, INC.	3181 PORTER DRIVE	PALO ALTO	CA	94304
CARDIO DX	2500 FABER PLACE	PALO ALTO	CA	94303
CELL BIOSCIENCES, INC.	1050 PAGE MILL ROAD	PALO ALTO	CA	94304
COMMUNICATIONS & POWER INDUSTRIES	811 HANSEN WAY (BLDG. 2)	PALO ALTO	CA	94304

Facility Name	Address	City	State	Zip Code
CRYSTAL TECHNOLOGY 1035	1035 EAST MEADOW CIRCLE	PALO ALTO	CA	94303
CRYSTAL TECHNOLOGY 1040	1040 EAST MEADOW CIRCLE	PALO ALTO	CA	94303
CRYSTAL TECHNOLOGY 1051	1051 EAST MEADOW CIRCLE	PALO ALTO	CA	94303
DIFFRACTION OPTICS	4035 TRANSPORT STREET	PALO ALTO	CA	94303
DOW JONES & COMPANY, INC.	1701 PAGE MILL ROAD	PALO ALTO	CA	94304-1210
DPIX, LLC	3406 HILLVIEW AVENUE	PALO ALTO	CA	94304-1345
GENENCOR (A DANISCO DIVISION)	925 PAGE MILL ROAD	PALO ALTO	CA	94304-1013
GILEAD PALO ALTO, INC.	1651 PAGE MILL ROAD	PALO ALTO	CA	94303
GILEAD PALO ALTO, INC.	3172 PORTER DRIVE	PALO ALTO	CA	94304
HAMMON PLATING CORPORATION	890 COMMERCIAL STREET	PALO ALTO	CA	94303
HEWLETT PACKARD 1-6	1501 PAGE MILL ROAD BLD 1-6	PALO ALTO	CA	94304
HEWLETT-PACKARD 4-6	1501 PAGE MILL ROAD	PALO ALTO	CA	94304
HILLVIEW CLINICAL LAB	3375 HILLVIEW AVENUE	PALO ALTO	CA	94305
IMAGE TECHNOLOGY	821 SAN ANTONIO ROAD	PALO ALTO	CA	94301
LOCKHEED MARTIN SPACE SYSTEMS COMPANY	3251 HANOVER STREET	PALO ALTO	CA	94304-1187
NANOSYS, INC.	2625, 2627, 2631 HANOVER STREET	PALO ALTO	CA	94304
NUVOSUN, INC.	3788 FABIAN WAY	PALO ALTO	CA	94303
PALO ALTO LANDFILL	2380 EMBARCADERO ROAD	PALO ALTO	CA	94303
PALO ALTO MEDICAL FOUNDATION	795 EL CAMINO REAL, BLDG. B & C	PALO ALTO	CA	94301
PALO ALTO RESEARCH CENTER, INC.	3406 HILLVIEW AVENUE, BLDG. 34	PALO ALTO	CA	94304
PALO ALTO RESEARCH CENTER, INC.	3333 COYOTE HILL ROAD	PALO ALTO	CA	94304-1314
ROCHE PALO ALTO, LLC	3431 HILLVIEW AVENUE	PALO ALTO	CA	94304-1397
SCHERING-PLOUGH BIOPHARMA - DNAX (855)	855 SOUTH CALIFORNIA AVENUE	PALO ALTO	CA	94304
SCHERING-PLOUGH BIOPHARMA - DNAX (901)	901 SOUTH CALIFORNIA AVE	PALO ALTO	CA	94304
SOUTHWALL TECHNOLOGIES	3961 EAST BAYSHORE ROAD	PALO ALTO	CA	94303
SPACE SYSTEMS/LORAL	1034/1036 E. MEADOW CIRCLE	PALO ALTO	CA	94303
SPACE SYSTEMS/LORAL	3825 FABIAN WAY	PALO ALTO	CA	94303
SPECIFIC PLATING COMPANY	936 INDUSTRIAL AVE	PALO ALTO	CA	94303
STANFORD SCHOOL OF MEDICINE	855 CALIFORNIA AVENUE	PALO ALTO	CA	94304
STANFORD SCHOOL OF MEDICINE	3373 HILLVIEW AVENUE	PALO ALTO	CA	94304
STANFORD SCHOOL OF MEDICINE	1050 ARASTRADERO ROAD	PALO ALTO	CA	94304
STANFORD SCHOOL OF MEDICINE	1501 CALIFORNIA AVENUE	PALO ALTO	CA	94304
STEMCELLS, INC.	3155 PORTER DRIVE	PALO ALTO	CA	94304
STIEFEL LABORATORIES, INC.	3160 PORTER DRIVE	PALO ALTO	CA	94304
TARGET DISCOVERY, INC.	4030 FABIAN WAY	PALO ALTO	CA	94303
TRANSLUCENT PHOTONICS	952 COMMERCIAL STREET	PALO ALTO	CA	94303
VA PALO ALTO HEALTH CARE SYSTEM	3801 MIRANDA AVENUE	PALO ALTO	CA	94304-1207
L.S.P. CHILDREN'S HOSPITAL	725 WELCH ROAD	STANFORD	CA	94305
STANFORD HOSPITAL & CLINICS	300 PASTEUR DRIVE	STANFORD	CA	94305
STANFORD SCHOOL OF MEDICINE	701B WELCH ROAD	STANFORD	CA	94305-5459
STANFORD UNIVERSITY	327 BONAIR SIDING, UTILITIES DIVISION	STANFORD	CA	94305-7270

Food Service Establishments

Facility Name	Street No	Street Name	City	State	Zip Code
7-ELEVEN FOOD STORE #18584	401	WAVERLEY ST	PALO ALTO	CA	94301
7-ELEVEN STORE #2234-14315G	708	COLORADO AV	PALO ALTO	CA	94303
A G FERRARI FOODS	200	HAMILTON AV	PALO ALTO	CA	94301
A1 LIQUORS	3866	EL CAMINO REAL	PALO ALTO	CA	94306
ABBEY'S	403	UNIVERSITY AV	PALO ALTO	CA	94301
ABUNDANT AIR CAFE	1901	EMBARCADERO RD	PALO ALTO	CA	94303
ACE OF SANDWICHES, THE	3866	EL CAMINO REAL	PALO ALTO	CA	94306
ADDISON	650	ADDISON AV	PALO ALTO	CA	94301
ADLAI E STEVENSON HOUSE	455	CHARLESTON RD	PALO ALTO	CA	94306
ALL SAINT EPISCOPAL CHURCH	555	WAVERLEY ST	PALO ALTO	CA	94301
AMARIN THAI CUISINE	407	LYTTON AV	PALO ALTO	CA	94301
ANDRONICO'S MARKET	180	EL CAMINO REAL	PALO ALTO	CA	94301
ANTONIO'S NUT HOUSE	321	CALIFORNIA AV	PALO ALTO	CA	94306
AQUARIUS THEATER	430	EMERSON ST	PALO ALTO	CA	94301
ASAP CALIFORNIA PIZZA KITCHEN	180	EL CAMINO REAL	PALO ALTO	CA	94301
BABBO'S	180	EL CAMINO REAL	PALO ALTO	CA	94304
BAJA FRESH MEXICAN GRILL	3990	EL CAMINO REAL	PALO ALTO	CA	94306
BARBEQUES GALORE	2080	EL CAMINO REAL	PALO ALTO	CA	94306
BARGAINS UNLIMITED	2129	SAINT FRANCIS DR	PALO ALTO	CA	94303
BARRON PARK ELEMENTARY SCHOOL	800	BARRON AV	PALO ALTO	CA	94306
BARRON PARK SHELL	3601	EL CAMINO REAL	PALO ALTO	CA	94306
BASIA BISTRO	201	CALIFORNIA AV	PALO ALTO	CA	94306
BASKIN ROBBINS ICE CREAM	2615	MIDDLEFIELD RD	PALO ALTO	CA	94303
BAY CAFE & GOURMET DELI	1875	EMBARCADERO RD	PALO ALTO	CA	94303
BAYLEAF CAFE	520	RAMONA ST	PALO ALTO	CA	94301
BECKMAN INSTRUMENTS CAFETERIA	1050	PAGE MILL RD	PALO ALTO	CA	94304
BEE CAFE	2479	BAYSHORE RD	PALO ALTO	CA	94303
BELLA LUNA	233	UNIVERSITY AV	PALO ALTO	CA	94301
BISTRO D'ASIE	445	EMERSON ST	PALO ALTO	CA	94301
BISTRO ELAN	448	CALIFORNIA AV	PALO ALTO	CA	94306
BISTRO MAXINE	548	RAMONA ST	PALO ALTO	CA	94301
BLOCKBUSTER #06287	102	UNIVERSITY AV	PALO ALTO	CA	94301
BLOOMINGDALE'S #31	180	EL CAMINO REAL	PALO ALTO	CA	94304
BLUE CHALK CAFE	630	RAMONA ST	PALO ALTO	CA	94301
BLUE SKY 4AW3655	3000	EL CAMINO REAL	PALO ALTO	CA	94306
BON APPETIT @ AFFYMAX	4001	MIRANDA AV	PALO ALTO	CA	94304
BON APPETIT @ WM WARE	3401	HILLVIEW AV	PALO ALTO	CA	94304
BORDERS & SEATTLE'S BEST	456	UNIVERSITY AV	PALO ALTO	CA	94301
BOSTON MARKET #2418	3375	EL CAMINO REAL	PALO ALTO	CA	94306

Facility Name	Street No	Street Name	City	State	Zip Code
BOWNE OF PALO ALTO	2455	FABER PL	PALO ALTO	CA	94303
BRAVO FONO	180	EL CAMINO REAL	PALO ALTO	CA	94304
BUCA DI BEPPO	643	EMERSON ST	PALO ALTO	CA	94301
CABANA-CROWN PLAZA	4290	EL CAMINO REAL	PALO ALTO	CA	94306
Cafa A La Carte	730	WELCH RD	PALO ALTO	CA	94304
CAFE 220	220	UNIVERSITY AV	PALO ALTO	CA	94301
CAFE BRIOCHE	445	CALIFORNIA AV	PALO ALTO	CA	94306
CAFE PIAZZA	3000	EL CAMINO REAL	PALO ALTO	CA	94306
CAFE PRO BONO	2437	BIRCH ST	PALO ALTO	CA	94306
CAFE RENAISSANCE / MISUNO	321	HAMILTON AV	PALO ALTO	CA	94301
CAFE SOPHIA	2706	MIDDLEFIELD RD	PALO ALTO	CA	94306
CAFFE DEL DOGE	419	UNIVERSITY AV	PALO ALTO	CA	94301
CAFFE RIACE	200	SHERIDAN AV	PALO ALTO	CA	94306
CALAFIA	855	EL CAMINO REAL	PALO ALTO	CA	94301
CALIFORNIA CAFE BAR & GRILL	700	WELCH RD	PALO ALTO	CA	94304
CALIFORNIA PIZZA KITCHEN	531	COWPER ST	PALO ALTO	CA	94301
CASA ISABEL	2434	PARK BL	PALO ALTO	CA	94306
CASTILLEJA SCHOOL	1310	BRYANT ST	PALO ALTO	CA	94301
CELIA'S MEXICAN RESTAURANT	3740	EL CAMINO REAL	PALO ALTO	CA	94306
CENTURY LIQUOR	2121	SAINT FRANCIS DR	PALO ALTO	CA	94303
CHANNING HOUSE	850	WEBSTER ST	PALO ALTO	CA	94301
CHEESECAKE FACTORY	375	UNIVERSITY AV	PALO ALTO	CA	94301
CHINA DELIGHT	461	EMERSON ST	PALO ALTO	CA	94301
CHINA MEI	3781	EL CAMINO REAL	PALO ALTO	CA	94306
CHIPOTLE	2675	EL CAMINO REAL	PALO ALTO	CA	94306
CHO'S RESTAURANT	213	CALIFORNIA AV	PALO ALTO	CA	94306
CIBO RESTAURANT & BAR	3398	EL CAMINO REAL	PALO ALTO	CA	94306
CINE ARTS AT PALO ALTO SQUARE	3000	EL CAMINO REAL	PALO ALTO	CA	94306
CLASSIC RESIDENCE BY HYATT	620	SAND HILL RD	PALO ALTO	CA	94304
COCONUT CARRIBEAN	642	RAMONA ST	PALO ALTO	CA	94301
COLD STONE CREAMERY	855	EL CAMINO REAL	PALO ALTO	CA	94301
COMO ESTA TAQUERIA	2605	MIDDLEFIELD RD	PALO ALTO	CA	94303
COMPADRES	3877	EL CAMINO REAL	PALO ALTO	CA	94306
COUNTER, THE	369	CALIFORNIA AV	PALO ALTO	CA	94306
COUNTRY SUN	440	CALIFORNIA AV	PALO ALTO	CA	94306
COUPA CAFE	538	RAMONA ST	PALO ALTO	CA	94301
COWPER INN	705	COWPER ST	PALO ALTO	CA	94301
CRABTREE & EVELYN	180	EL CAMINO REAL	PALO ALTO	CA	94304
CRATE & BARREL	180	EL CAMINO REAL	PALO ALTO	CA	94304
CROSSROADS WORLD MARKET	720	SAN ANTONIO AV	PALO ALTO	CA	94306
CRUSTACEAN	564	UNIVERSITY AV	PALO ALTO	CA	94301

Facility Name	Street No	Street Name	City	State	Zip Code
DANNY BROWNS	4141	EL CAMINO REAL	PALO ALTO	CA	94306
DARBAR INDIAN CUISINE	129	LYTTON AV	PALO ALTO	CA	94301
DIAZ MARKET STOP	3487	EL CAMINO REAL	PALO ALTO	CA	94306
DIDDAMS PARTY & TOY STORES	215	HAMILTON AV	PALO ALTO	CA	94301
DINAH'S POOLSIDE COFFEE SHOP	4261	EL CAMINO REAL	PALO ALTO	CA	94306
DOMINO'S PIZZA	240	CAMBRIDGE AV	PALO ALTO	CA	94306
DOUCE D'FRANCE	855	EL CAMINO REAL	PALO ALTO	CA	94301
DRIFTWOOD MARKET	3450	EL CAMINO REAL	PALO ALTO	CA	94306
DUVENECK SCHOOL	705	ALESTER AV	PALO ALTO	CA	94303
EL CARMELO SCHOOL	3024	BRYANT ST	PALO ALTO	CA	94306
ELBE RESTAURANT & RUDY'S PUB	117	UNIVERSITY AV	PALO ALTO	CA	94301
EMPIRE TAP ROOM	651	EMERSON ST	PALO ALTO	CA	94301
EQUINOX FITNESS CLUB	435	ACACIA AV	PALO ALTO	CA	94306
ERNIE'S LIQUORS	3870	EL CAMINO REAL	PALO ALTO	CA	94306
ESPRESSO BAR #5802	795	EL CAMINO REAL	PALO ALTO	CA	94301
EUROMART	3707	EL CAMINO REAL	PALO ALTO	CA	94306
EVE'S ESPRESSO	3400	HILLVIEW AV	PALO ALTO	CA	94304
EVVIA	420	EMERSON ST	PALO ALTO	CA	94301
FACEBOOK	116	UNIVERSITY AV	PALO ALTO	CA	94301
FACEBOOK	1601	CALIFORNIA AV	PALO ALTO	CA	94304
FAIRMEADOW SCHOOL	500	MEADOW DR	PALO ALTO	CA	94306
FAMBRINI'S TERRACE BISTRO	2600	EL CAMINO REAL	PALO ALTO	CA	94304
FANNY & ALEXANDER	412	EMERSON ST	PALO ALTO	CA	94301
FIRST PRESBYTERIAN CHURCH	1140	COWPER ST	PALO ALTO	CA	94301
FISH MARKET THE	3150	EL CAMINO REAL	PALO ALTO	CA	94306
FLEMING'S STEAKHOUSE	180	EL CAMINO REAL	PALO ALTO	CA	94301
FOOTHILL SWIM & TENNIS CLUB	3351	MIRANDA AV	PALO ALTO	CA	94304
FRAN'S MARKET	499	LYTTON AV	PALO ALTO	CA	94301
FRESH TASTE CHINESE GARDEN	2111	EL CAMINO REAL	PALO ALTO	CA	94306
FRY'S ELECTRONICS #1	340	PORTAGE AV	PALO ALTO	CA	94306
FUKI SUSHI	4119	EL CAMINO REAL	PALO ALTO	CA	94306
G & J ACQUISTIONS	1161	EMBARCADERO RD	PALO ALTO	CA	94303
GARDEN COURT HOTEL	520	COWPER ST	PALO ALTO	CA	94301
GATEAU ET GANACHE	3261	ASH ST	PALO ALTO	CA	94306
GELATO CLASSICO #2	435	EMERSON ST	PALO ALTO	CA	94301
GO BANANA	180	EL CAMINO REAL	PALO ALTO	CA	94304
GODIVA CHOCOLATIER	180	EL CAMINO REAL	PALO ALTO	CA	94304
GOOD EARTH CAFE & BAKERY	1520	PAGE MILL RD	PALO ALTO	CA	94304
GOOD EARTH PATIO CAFE	1899	PAGE MILL RD	PALO ALTO	CA	94304
GORDON BIRSCH BREWERY RESTAURANT	640	EMERSON ST	PALO ALTO	CA	94301
GOURMET FRANKS	180	EL CAMINO REAL	PALO ALTO	CA	94304

Facility Name	Street No	Street Name	City	State	Zip Code
GREEN ELEPHANT GOURMET	3950	MIDDLEFIELD RD	PALO ALTO	CA	94306
GUCKENHEIMER @ COOLEY GODWARD KRONISH	3175	HANOVER ST	PALO ALTO	CA	94306
GUCKENHEIMER @ PARC	3333	COYOTE HILL RD	PALO ALTO	CA	94304
GUCKENHEIMER @ ROCHE BIOSCIENCE	3431	HILLVIEW AV	PALO ALTO	CA	94304
GUCKENHEIMER @ STIEFEL/CONNETICS	3160	PORTER DR	PALO ALTO	CA	94304
GUCKENHEIMER @ WILSON SONSINI GOODRICH	601	CALIFORNIA AV	PALO ALTO	CA	94304
GUCKENHEIMER @ WILSON SONSINI GOODRICH	950	PAGE MILL RD	PALO ALTO	CA	94304
GUCKENHEIMER @ WILSON SONSINI GOODRICH	650	PAGE MILL RD	PALO ALTO	CA	94304
GUNN HIGH SCHOOL	780	ARASTRADERO RD	PALO ALTO	CA	94306
GYROS GYROS	498	UNIVERSITY AV	PALO ALTO	CA	94301
HAAGEN DAZS	180	EL CAMINO REAL	PALO ALTO	CA	94304
HAAGEN-DAZS	203	UNIVERSITY AV	PALO ALTO	CA	94301
HAMBOU CAFÉ	4329	EL CAMINO REAL	PALO ALTO	CA	94306
HAMILTON THE	555	BYRON ST	PALO ALTO	CA	94301
HAN	452	UNIVERSITY AV	PALO ALTO	CA	94301
HAPPY DONUTS	3916	EL CAMINO REAL	PALO ALTO	CA	94306
HATTORIYA	799	SAN ANTONIO AV	PALO ALTO	CA	94303
HOBEE'S	855	EL CAMINO REAL	PALO ALTO	CA	94301
HOBEE'S RESTAURANT	4224	EL CAMINO REAL	PALO ALTO	CA	94306
HOLLYWOOD VIDEO #005-592	3903	EL CAMINO REAL	PALO ALTO	CA	94306
HOMMA'S BROWN RICE SUSHI	2363	BIRCH ST	PALO ALTO	CA	94306
HONEY BAKED HAM	4113	EL CAMINO REAL	PALO ALTO	CA	94306
HOOVER SCHOOL	445	CHARLESTON RD	PALO ALTO	CA	94306
HOUSE OF BAGELS	526	UNIVERSITY AV	PALO ALTO	CA	94301
HOWIE'S ARTISAN PIZZA	855	EL CAMINO REAL	PALO ALTO	CA	94301
HUNAN GARDEN RESTAURANT	3345	EL CAMINO REAL	PALO ALTO	CA	94306
HYDERABAD HOUSE	448	UNIVERSITY AV	PALO ALTO	CA	94301
IL FORNAIO	520	COWPER ST	PALO ALTO	CA	94301
ILLUSIONS SUPER CLUB	260	CALIFORNIA AV	PALO ALTO	CA	94306
INDOCHINE	2710	MIDDLEFIELD RD	PALO ALTO	CA	94306
IZZY'S BROOKLYN BAGELS	477	CALIFORNIA AV	PALO ALTO	CA	94301
J J & F FOOD STORE	520	COLLEGE AV	PALO ALTO	CA	94306
JACK IN THE BOX	3885	EL CAMINO REAL	PALO ALTO	CA	94306
JACK IN THE BOX	2280	EL CAMINO REAL	PALO ALTO	CA	94306
JADE PALACE	151	CALIFORNIA AV	PALO ALTO	CA	94306
JAMBA JUICE #3	855	EL CAMINO REAL	PALO ALTO	CA	94301
JAMBA JUICE #325	3990	EL CAMINO REAL	PALO ALTO	CA	94306
JANE LATHROP STANFORD MIDDLE SCHOOL	480	MEADOW DR	PALO ALTO	CA	94306
JANTA INDIAN CUISINE	369	LYTTON AV	PALO ALTO	CA	94301
JIN SHO	454	CALIFORNIA AV	PALO ALTO	CA	94306
JING JING RESTAURANT	443	EMERSON ST	PALO ALTO	CA	94301

Facility Name	Street No	Street Name	City	State	Zip Code
JOANIE'S CAFE	447	CALIFORNIA AV	PALO ALTO	CA	94306
JORDAN MIDDLE SCHOOL	750	CALIFORNIA AV	PALO ALTO	CA	94306
JOYA	339	UNIVERSITY AV	PALO ALTO	CA	94301
JUANA BRIONES SCHOOL	4100	ORME ST	PALO ALTO	CA	94306
JUICY SPOT AND CREAMERY	125	UNIVERSITY AV	PALO ALTO	CA	94301
JUNNOON RESTAURANT	150	UNIVERSITY AV	PALO ALTO	CA	94301
KAN ZEMAN	270	UNIVERSITY AV	PALO ALTO	CA	94301
KANPAI	330	LYTTON AV	PALO ALTO	CA	94301
KEHILLAH JEWISH HIGH SCHOOL	3900	FABIAN WY	PALO ALTO	CA	94303
KIRK'S STEAKBURGERS	855	EL CAMINO REAL	PALO ALTO	CA	94301
KOREAN BBQ	855	EL CAMINO REAL	PALO ALTO	CA	94301
KRUNG SIAM THAI CUISINE	423	UNIVERSITY AV	PALO ALTO	CA	94301
L&L HAWAIIAN BBQ	3890	EL CAMINO REAL	PALO ALTO	CA	94306
LA BAGUETTE	180	EL CAMINO REAL	PALO ALTO	CA	94304
LA BODEGUITA DEL MEDIO	463	CALIFORNIA AV	PALO ALTO	CA	94306
LA COMIDA	450	BRYANT ST	PALO ALTO	CA	94301
LA CREME DE CAFE	3191	MIDDLEFIELD RD	PALO ALTO	CA	94303
LA MORENITA RESTAURANT	800	EMERSON ST	PALO ALTO	CA	94301
LA STRADA	355	UNIVERSITY AV	PALO ALTO	CA	94301
LAVANDA	185	UNIVERSITY AV	PALO ALTO	CA	94301
LONG LIFE NOODLE CO	180	EL CAMINO REAL	PALO ALTO	CA	94304
LONG'S DRUG STORE #292	352	UNIVERSITY AV	PALO ALTO	CA	94301
LONG'S DRUG STORE #575	855	EL CAMINO REAL	PALO ALTO	CA	94301
LONG'S DRUG STORES #429	2701	MIDDLEFIELD RD	PALO ALTO	CA	94303
LOTUS THAI BISTRO	425	CALIFORNIA AV	PALO ALTO	CA	94306
LOUI LOUI	473	UNIVERSITY AV	PALO ALTO	CA	94301
LOVING HUT	165	UNIVERSITY AV	PALO ALTO	CA	94301
LUCILE S PACKARD CHILDREN'S HOSP	725	WELCH RD	PALO ALTO	CA	94304
LULU'S	855	EL CAMINO REAL	PALO ALTO	CA	94301
LUNCHSTOP @ LOCKHEED MARTIN #206	3251	HANOVER ST	PALO ALTO	CA	94304
LYTTON AVE COFFEE ROASTING CO	401	LYTTON AV	PALO ALTO	CA	94301
MACARTHUR PARK	27	UNIVERSITY AV	PALO ALTO	CA	94301
MAC'S SMOKE SHOP	534	EMERSON ST	PALO ALTO	CA	94301
MACY'S DEPT STORES INC	180	EL CAMINO REAL	PALO ALTO	CA	94304
MADISON & FIFTH	367	UNIVERSITY AV	PALO ALTO	CA	94301
MANDARIN GOURMET	420	RAMONA ST	PALO ALTO	CA	94301
MANGO CARIBBEAN RESTAURANT	435	HAMILTON AV	PALO ALTO	CA	94301
MANTRA RESTAURANT	636	EMERSON ST	PALO ALTO	CA	94301
MAX'S OPERA CAFE	180	EL CAMINO REAL	PALO ALTO	CA	94304
MAYFIELD BAKERY & CAFÉ	855	EL CAMINO REAL	PALO ALTO	CA	94301
MCDONALD'S	180	EL CAMINO REAL	PALO ALTO	CA	94304

Facility Name	Street No	Street Name	City	State	Zip Code
MCDONALD'S RESTAURANT #3094	3128	EL CAMINO REAL	PALO ALTO	CA	94306
MEDITERRANEAN WRAPS	433	CALIFORNIA AV	PALO ALTO	CA	94306
MEDITERRANEAN WRAPS	209	UNIVERSITY AV	PALO ALTO	CA	94301
MELT LOUNGE	544	EMERSON ST	PALO ALTO	CA	94301
MICHAEL'S GELATO CAFE	440	UNIVERSITY AV	PALO ALTO	CA	94301
MIKE'S CAFE ETC	2680	MIDDLEFIELD RD	PALO ALTO	CA	94306
MING'S VILLA	1700	EMBARCADERO RD	PALO ALTO	CA	94303
MIYAKE	140	UNIVERSITY AV	PALO ALTO	CA	94301
MOLLIE STONES MARKET	164	CALIFORNIA AV	PALO ALTO	CA	94300
NEIMAN-MARCUS RESTAURANT	180	EL CAMINO REAL	PALO ALTO	CA	94304
NEOTTE TEA	429	UNIVERSITY AV	PALO ALTO	CA	94301
NEW YORK PIZZA	325	HAMILTON AV	PALO ALTO	CA	94301
NOLA'S	535	RAMONA ST	PALO ALTO	CA	94301
NORDSTROM #422	180	EL CAMINO REAL	PALO ALTO	CA	94304
OAKVILLE GROCERY	180	EL CAMINO REAL	PALO ALTO	CA	94304
OAXACAN KITCHEN, THE	2323	BIRCH ST	PALO ALTO	CA	94306
OHLONE SCHOOL	950	AMARILLO AV	PALO ALTO	CA	94303
OLD PRO	545	RAMONA ST	PALO ALTO	CA	94301
OLIVE GARDEN RESTAURANT	2515	EL CAMINO REAL	PALO ALTO	CA	94306
OSTERIA	247	HAMILTON AV	PALO ALTO	CA	94301
PALO ALTO BAKING COMPANY	381	CALIFORNIA AV	PALO ALTO	CA	94306
PALO ALTO BOWL BAR	4329	EL CAMINO REAL	PALO ALTO	CA	94306
PALO ALTO CAFE	2675	MIDDLEFIELD RD	PALO ALTO	CA	94303
PALO ALTO CHEVRON	3897	EL CAMINO REAL	PALO ALTO	CA	94306
PALO ALTO CITY HALL CAFE	250	HAMILTON AV	PALO ALTO	CA	94301
PALO ALTO CREAMERY AT STANFORD	180	EL CAMINO REAL	PALO ALTO	CA	94304
PALO ALTO ELKS LODGE	4249	EL CAMINO REAL	PALO ALTO	CA	94306
PALO ALTO HILLS GOLF & COUNTRY CLUB	3000	ALEXIS DR	PALO ALTO	CA	94304
PALO ALTO SENIOR HIGH SCHOOL	50	EMBARCADERO RD	PALO ALTO	CA	94301
PALO ALTO SHELL	2200	EL CAMINO REAL	PALO ALTO	CA	94306
PALO ALTO SOL	408	CALIFORNIA AV	PALO ALTO	CA	94306
PALO ALTO UNOCAL	835	SAN ANTONIO AV	PALO ALTO	CA	94303
PALO VERDE SCHOOL	3450	LOUIS RD	PALO ALTO	CA	94303
PAMF GUCKENHEIMER	795	EL CAMINO REAL	PALO ALTO	CA	94301
PAMPAS	529	ALMA ST	PALO ALTO	CA	94301
PANACHE CATERING	3261	ASH ST	PALO ALTO	CA	94306
PAPA MURPHYS	2730	MIDDLEFIELD RD	PALO ALTO	CA	94306
PAPASITO'S SPORTS BAR & GRILL	2115	SAINT FRANCIS DR	PALO ALTO	CA	94303
PASTA D'ANGELO	326	UNIVERSITY AV	PALO ALTO	CA	94301
PATXI'S CHICAGO PIZZA	441	EMERSON ST	PALO ALTO	CA	94301
PEET'S COFFEE & TEA	153	HOMER AV	PALO ALTO	CA	94301

Facility Name	Street No	Street Name	City	State	Zip Code
PEET'S COFFEE & TEA	855	EL CAMINO REAL	PALO ALTO	CA	94301
PEET'S COFFEE & TEA #111	3904	MIDDLEFIELD RD	PALO ALTO	CA	94306
PEKING DUCK RESTAURANT	2310	EL CAMINO REAL	PALO ALTO	CA	94306
PENINSULA CREAMERY DAIRY FOUNTAIN	900	HIGH ST	PALO ALTO	CA	94301
PENINSULA FOUNTAIN & GRILL	566	EMERSON ST	PALO ALTO	CA	94301
PF CHANG'S CHINA BISTRO	180	EL CAMINO REAL	PALO ALTO	CA	94304
PIAZZA'S FINE FOODS GROCERY	3922	MIDDLEFIELD RD	PALO ALTO	CA	94306
PIZZA CHICAGO	4115	EL CAMINO REAL	PALO ALTO	CA	94306
PIZZA MY HEART	220	UNIVERSITY AV	PALO ALTO	CA	94301
PLANTATION CAFE	109	CALIFORNIA AV	PALO ALTO	CA	94306
PLAYA BAR AND GRILL	180	EL CAMINO REAL	PALO ALTO	CA	94304
PLUTO'S	482	UNIVERSITY AV	PALO ALTO	CA	94303
POLISH DELI	456	CAMBRIDGE AV	PALO ALTO	CA	94306
POMMAND CAFE	3163	MIDDLEFIELD RD	PALO ALTO	CA	94303
PRINTERS CAFE	320	CALIFORNIA AV	PALO ALTO	CA	94306
PROLIFIC OVEN THE	550	WAVERLEY ST	PALO ALTO	CA	94301
QUIZNO'S SUB	180	UNIVERSITY AV	PALO ALTO	CA	94301
QUIZNO'S SUBS #828	490	CALIFORNIA AV	PALO ALTO	CA	94306
R&B SEAFOOD RESTAURANT	2209	EL CAMINO REAL	PALO ALTO	CA	94306
RAMEN CLUB	3924	EL CAMINO REAL	PALO ALTO	CA	94306
RAMONA'S PIZZA	2313	BIRCH ST	PALO ALTO	CA	94306
RANGOON RESTAURANT	565	BRYANT ST	PALO ALTO	CA	94301
REPASADO	236	HAMILTON AV	PALO ALTO	CA	94301
RICK'S ICE CREAM	3950	MIDDLEFIELD RD	PALO ALTO	CA	94306
ROBAII	496	HAMILTON AV	PALO ALTO	CA	94301
ROJOZ WRAPS	3906	MIDDLEFIELD RD	PALO ALTO	CA	94306
ROSE & CROWN	547	EMERSON ST	PALO ALTO	CA	94301
ROUND TABLE PIZZA	405	CALIFORNIA AV	PALO ALTO	CA	94306
ROUND TABLE PIZZA	702	COLORADO AV	PALO ALTO	CA	94303
ROUND TABLE PIZZA #15	263	UNIVERSITY AV	PALO ALTO	CA	94301
S O S FINE FOODS	949	EMERSON ST	PALO ALTO	CA	94301
SAFEWAY #1682	2811	MIDDLEFIELD RD	PALO ALTO	CA	94303
SAN ANTONIO AUTO SERVICES INC	699	SAN ANTONIO AV	PALO ALTO	CA	94306
SANCHO'S TAQUERIA	491	LYTTON AV	PALO ALTO	CA	94301
SAP CAFÉ D-BON APPETIT	3410	HILLVIEW AV	PALO ALTO	CA	94304
SAP CAFETERIA-BON APPETIT	3475	DEER CREEK RD	PALO ALTO	CA	94304
SAP-BON APPETIT	3412	HILLVIEW AV	PALO ALTO	CA	94304
SATURA CAKES	320	UNIVERSITY AV	PALO ALTO	CA	94301
SCHAUB'S MEAT FISH & POULTRY	180	EL CAMINO REAL	PALO ALTO	CA	94304
SCOTT'S SEAFOOD GRILL & BAR	855	EL CAMINO REAL	PALO ALTO	CA	94301
SCOTTY'S BAR	548	EMERSON ST	PALO ALTO	CA	94301

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SEE'S CANDIES #45	180	EL CAMINO REAL	PALO ALTO	CA	94304
SEHBALI CAFE & HOOKAH SHOP	235	UNIVERSITY AV	PALO ALTO	CA	94301
SHERATON PALO ALTO	625	EL CAMINO REAL	PALO ALTO	CA	94301
SHOKOOLAT	516	UNIVERSITY AV	PALO ALTO	CA	94301
SIAM ROYAL AUTHENTIC THAI CUISINE	338	UNIVERSITY AV	PALO ALTO	CA	94301
SIGONA FARMERS MKT	180	EL CAMINO REAL	PALO ALTO	CA	94304
SIMPLY SANDWICHES	2431	ASH ST	PALO ALTO	CA	94306
SLIDEBAR	324	UNIVERSITY AV	PALO ALTO	CA	94301
SMOG PROS ARCO #1326	840	SAN ANTONIO AV	PALO ALTO	CA	94303
SO GONG DONG TOFU HOUSE	4127	EL CAMINO REAL	PALO ALTO	CA	94306
SODEXHO @ SCHERING PLOUGH BIOPHARMA	901	CALIFORNIA AV	PALO ALTO	CA	94304
SODEXHO @ VARIAN ASSOCIATES	3130	HANSEN WY	PALO ALTO	CA	94304
SODEXHO MGNT INC@ HP3000 HANOVER BLD	3000	HANOVER ST	PALO ALTO	CA	94304
SODEXHO MNGT INC-HP STANFORD SITE	1501	PAGE MILL RD	PALO ALTO	CA	94304
SOME KIND OF PLACE- A KOREAN BBQ	855	EL CAMINO REAL	PALO ALTO	CA	94301
SPACE SYSTEMS LORAL	3825	FABIAN WY	PALO ALTO	CA	94303
SPAGO	265	LYTTON AV	PALO ALTO	CA	94301
SPALTI RISTORANTE	417	CALIFORNIA AV	PALO ALTO	CA	94306
SPOT-A-PIZZA PLACE	115	HAMILTON AV	PALO ALTO	CA	94301
SPROUTS	168	UNIVERSITY AV	PALO ALTO	CA	94301
ST ELIZABETH SETON SCHOOL	1095	CHANNING AV	PALO ALTO	CA	94301
ST MICHAEL'S ALLEY	806	EMERSON ST	PALO ALTO	CA	94303
STANFORD TERRACE INN	531	STANFORD AV	PALO ALTO	CA	94306
STANFORD THEATRE FOUNDATION	221	UNIVERSITY AV	PALO ALTO	CA	94301
STARBUCKS #5555	2775	MIDDLEFIELD RD	PALO ALTO	CA	94303
STARBUCKS #9870	361	CALIFORNIA AV	PALO ALTO	CA	94306
STARBUCKS COFFEE #2822	180	EL CAMINO REAL	PALO ALTO	CA	94304
STARBUCKS COFFEE #2886	4131	EL CAMINO REAL	PALO ALTO	CA	94306
STARBUCKS COFFEE #5541	2000	EL CAMINO REAL	PALO ALTO	CA	94306
STARBUCKS COFFEE #565	276	UNIVERSITY AV	PALO ALTO	CA	94301
STRAITS CAFE PALO ALTO	3295	EL CAMINO REAL	PALO ALTO	CA	94306
SU HONG	4256	EL CAMINO REAL	PALO ALTO	CA	94306
SU HONG RESTAURANT PALO ALTO	4111	EL CAMINO WY	PALO ALTO	CA	94306
SUBWAY #27048	421	CALIFORNIA AV	PALO ALTO	CA	94306
SUBWAY #30816	4131	EL CAMINO REAL	PALO ALTO	CA	94306
SUBWAY #32950	2717	MIDDLEFIELD RD	PALO ALTO	CA	94303
SUNDANCE MINE COMPANY	1921	EL CAMINO REAL	PALO ALTO	CA	94306
SUSHI HOUSE	855	EL CAMINO REAL	PALO ALTO	CA	94301
SUSHI TOMO	201	UNIVERSITY AV	PALO ALTO	CA	94301
SUSHI TOMO	4131	EL CAMINO WY	PALO ALTO	CA	94306
SUSHIYA RESTAURANT	380	UNIVERSITY AV	PALO ALTO	CA	94301

Facility Name	Street No	Street Name	City	State	Zip Code
SWEET THINGS	180	EL CAMINO REAL	PALO ALTO	CA	94304
SZECHWAN CAFE	406	CALIFORNIA AV	PALO ALTO	CA	94306
TACO BELL #0976	3850	EL CAMINO REAL	PALO ALTO	CA	94306
TACO BELL #2297	910	CHARLESTON RD	PALO ALTO	CA	94306
TAIPAN PALO ALTO	560	WAVERLEY ST	PALO ALTO	CA	94301
TAMARINE RESTAURANT	546	UNIVERSITY AV	PALO ALTO	CA	94301
TANDOORI OVEN	365	CALIFORNIA AV	PALO ALTO	CA	94306
TAQUERIA AZTECA	321	CALIFORNIA AV	PALO ALTO	CA	94306
TAQUERIA EL GRULLENSE	3636	EL CAMINO REAL	PALO ALTO	CA	94306
TEA TIME-TEA LOVERS SHOP	542	RAMONA ST	PALO ALTO	CA	94301
TEAVANA # 26	180	EL CAMINO REAL	PALO ALTO	CA	94304
TERMAN MIDDLE SCHOOL	655	ARASTRADERO RD	PALO ALTO	CA	94306
TEUSCHER CHOCOLATE OF SWITZERLAND	180	EL CAMINO REAL	PALO ALTO	CA	94304
THAI CITY RESTAURANT	3691	EL CAMINO REAL	PALO ALTO	CA	94306
THAI GARDEN RESTAURANT	4329	EL CAMINO REAL	PALO ALTO	CA	94306
THAIPHOON RESTAURANT	543	EMERSON ST	PALO ALTO	CA	94301
THREE SEASONS RESTAURANT	518	BRYANT ST	PALO ALTO	CA	94301
TIBCO-BON APPETIT	3307	HILLVIEW AV	PALO ALTO	CA	94304
TRADER JOES	855	EL CAMINO REAL	PALO ALTO	CA	94301
TRADER VIC'S	4269	EL CAMINO REAL	PALO ALTO	CA	94306
UNIVERSITY CAFE	271	UNIVERSITY AV	PALO ALTO	CA	94301
UNIVERSITY CLUB OF PALO ALTO R	3277	MIRANDA AV	PALO ALTO	CA	94300
UZUMAKI SUSHI	451	CALIFORNIA AV	PALO ALTO	CA	94306
VALERO OF PALO ALTO	1963	EL CAMINO REAL	PALO ALTO	CA	94306
VERO	530	BRYANT ST	PALO ALTO	CA	94301
VILLAGE CHEESE HOUSE INC	855	EL CAMINO REAL	PALO ALTO	CA	94301
VIN VINO WINE	437	CALIFORNIA AV	PALO ALTO	CA	94306
VINO LOCALE	431	KIPLING ST	PALO ALTO	CA	94301
WALGREENS #06869	2605	MIDDLEFIELD RD	PALO ALTO	CA	94303
WALGREENS #0781	300	UNIVERSITY AV	PALO ALTO	CA	94301
WALGREENS #3344	4170	EL CAMINO REAL	PALO ALTO	CA	94306
WALTER HAYS SCHOOL	1525	MIDDLEFIELD RD	PALO ALTO	CA	94303
WEBSTER HOUSE	401	WEBSTER ST	PALO ALTO	CA	94301
WEIGHT WATCHERS #3069	855	EL CAMINO REAL	PALO ALTO	CA	94301
WEST FRESH	2237	EL CAMINO REAL	PALO ALTO	CA	94306
WESTERN DINING @ CPI	811	HANSEN WY	PALO ALTO	CA	94304
WESTIN PALO ALTO	675	EL CAMINO REAL	PALO ALTO	CA	94301
WHOLE FOODS MARKET	774	EMERSON ST	PALO ALTO	CA	94301
WINE ROOM, THE	520	RAMONA ST	PALO ALTO	CA	94301
ZAO NOODLE BAR	261	UNIVERSITY AV	PALO ALTO	CA	94301
ZIBIBBO'S	430	KIPLING ST	PALO ALTO	CA	94301

Facility Name	Street No	Street Name	City	State	Zip Code
ZYME & DINE CAFE	925	PAGE MILL RD	PALO ALTO	CA	94304
LUCILLE NIXON ELEMENTARY SCHOOL	1711	STANFORD AV	STANFORD	CA	94305

Auto Facilities

Facility Name	Street No	Street Name	City	State	Zip Code
A-1 AUTO SERVICE	2526	PULGAS AVENUE, UNIT A	EAST PALO ALTO	CA	94303
CAVALLINO COLLISION REPAIR	1880	EAST BAYSHORE ROAD	EAST PALO ALTO	CA	94303
CSI CHEVRON	2101	UNIVERSITY AVENUE	EAST PALO ALTO	CA	94303
EAST PALO ALTO SHELL	2194	UNIVERSITY AVENUE	EAST PALO ALTO	CA	94303
INFINITY AUTO SALVAGE	2091	BAY ROAD	EAST PALO ALTO	CA	94303
PARKING COMPANY OF AMERICA (PCA)	160	DEMETER STREET	EAST PALO ALTO	CA	94303
RAINER'S SERVICE STATION	1905	EAST BAYSHORE ROAD	EAST PALO ALTO	CA	94303
TOUCHATT TRUCKING	2535	PULGAS AVENUE	EAST PALO ALTO	CA	94303
ALLIED AUTO #2	1540	MIRAMONTE ROAD	LOS ALTOS	CA	94022
ALLIED AUTO WORKS	2073	GRANT ROAD	LOS ALTOS	CA	94024
CALIFORNIA AUTOMOTIVE	139	1ST STREET	LOS ALTOS	CA	94022
CHEVRON AUTOMOTIVE CENTER	2300	HOMESTEAD ROAD	LOS ALTOS	CA	94024
EL CAMINO UNOCAL	4350	EL CAMINO REAL	LOS ALTOS	CA	94022
LADERA AUTO WORKS	465	1ST STREET	LOS ALTOS	CA	94022
LOS ALTOS ARCO AM PM MINI MARKET	988	N. SAN ANTONIO ROAD	LOS ALTOS	CA	94022
LOS ALTOS CITY YARD	707	FREMONT AVENUE	LOS ALTOS	CA	94024
LOS ALTOS LOYOLA CORNERS POST OFF.	1525	MIRAMONTE AVENUE	LOS ALTOS	CA	94024
LOS ALTOS MAIN POST OFFICE	100	FIRST STREET	LOS ALTOS	CA	94022
LOS ALTOS UNION	330	S. SAN ANTONIO ROAD	LOS ALTOS	CA	94022
RANCHO AUTO SERVICE	601	LOS ALTOS RANCHO	LOS ALTOS	CA	94024
REITMEIR'S WERKSTATT INC	309	1ST STREET	LOS ALTOS	CA	94022
SKIP'S TIRE AND AUTO CENTERS	317	1ST STREET	LOS ALTOS	CA	94022
USA GASOLINE	929	FREMONT AVENUE	LOS ALTOS	CA	94024
VILLAGE CHEVRON	401	MAIN STREET	LOS ALTOS	CA	94022
FOOTHILL COLLEGE	12345	EL MONTE ROAD	LOS ALTOS HILLS	CA	94022
A-1 AUTO TECH	89	PIONEER WAY, #D	MOUNTAIN VIEW	CA	94041
A-1 FOREIGN AUTO	1544	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
ADVANCED AUTO REPAIR	83	PIONEER WAY, UNIT A	MOUNTAIN VIEW	CA	94043
ALL AUTOMOTIVE	2622	BAYSHORE PARKWAY	MOUNTAIN VIEW	CA	94043
ALL TUNE AND LUBE	2235	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
ALL VW SHOP	2239	OLD MIDDLEFIELD WAY, UNIT I	MOUNTAIN VIEW	CA	94043
AMERICANA SHELL #1	790	EAST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
AMERICANA SHELL #3	110	NORTH RENGSTORFF AVENUE	MOUNTAIN VIEW	CA	94043
AMERICA'S TIRE COMPANY	32	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
ARCO SMOG PROS #06050	790	NORTH SHORELINE BLVD.	MOUNTAIN VIEW	CA	94043
AUTO REPAIR SPECIALIST	250	SAN ANTONIO ROAD	MOUNTAIN VIEW	CA	94040
AUTOBAHN BODY & PAINT	778	YUBA DRIVE	MOUNTAIN VIEW	CA	94041
AUTOMAN LUBE & TUBE	2235	OLD MIDDLEFIELD WAY, UNIT E	MOUNTAIN VIEW	CA	94043
AVIS RENT A CAR SYSTEM, INC.	809	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94041
B & L AUTO REPAIR	2536	OLD MIDDLEFIELD WAY, #C	MOUNTAIN VIEW	CA	94043
B & M COLLISION REPAIR	1240	PEAR AVENUE, #Q	MOUNTAIN VIEW	CA	94043
BAROONI IMPORTS	1905	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
BAY AREA PERFORMANCE CYLES, INC.	2560	WYANDOTTE STREET, #2	MOUNTAIN VIEW	CA	94043
BAY MUFFLER, MV	2189	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043

Facility Name	Street No	Street Name	City	State	Zip Code
BELA'S AUTOSPORTS	625	TYRELLA AVENUE	MOUNTAIN VIEW	CA	94043
BILL BAILEY CHEVRON #9-6377	808	NORTH SHORELINE BLVD.	MOUNTAIN VIEW	CA	94043
BILL'S TOWING SERVICE	1968	LEGHORN STREET	MOUNTAIN VIEW	CA	94041
BLOSSOM VALLEY SHELL	1708	MIRAMONTE AVENUE	MOUNTAIN VIEW	CA	94039
BMW OF MOUNTAIN VIEW	150	EAST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
BOB'S CUSTOM AUTO REPAIR	400	VILLA STREET, #B	MOUNTAIN VIEW	CA	94041
BRITISH AUTOMOTIVE SPECIALIST	2224	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
BTN AUTOMOTIVE	2566	LEGHORN STREET, #B	MOUNTAIN VIEW	CA	94043
BUDGET CAR & TRUCK RENTAL #1407	2452	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
BW'S GERMAN CAR	1240	PEAR AVENUE, #N	MOUNTAIN VIEW	CA	94043
C & C BODY SHOP	243	MOFFETT BOULEVARD	MOUNTAIN VIEW	CA	94043
CALIFORNIA BMW	2490	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
CALIFORNIA'S BEST	230	VILLA STREET	MOUNTAIN VIEW	CA	94041
CHEVRON USA #9-0699	45	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
CITY COLLISION CENTER	2025	OLD MIDDLEFIELD WAY, #A/B	MOUNTAIN VIEW	CA	94043
CMV - FIRE STATION #3	301	NORTH RENGSTORFF AVENUE	MOUNTAIN VIEW	CA	94041
CMV - FIRE STATION #4	229	NORTH WHISMAN ROAD	MOUNTAIN VIEW	CA	94041
CMV - UTILITIES DIVISION	231	NORTH WHISMAN ROAD	MOUNTAIN VIEW	CA	94043
CMV-FIRE STATION #1	251	SOUTH SHORELINE BLVD.	MOUNTAIN VIEW	CA	94041
CMV-FIRE STATION #2	160	CUESTA DRIVE	MOUNTAIN VIEW	CA	94041
CMV-SHORELINE GOLF LINKS	2940	NORTH SHORELINE BLVD.	MOUNTAIN VIEW	CA	94043
COAST AUTO REPAIR	789	EAST EVELYN AVENUE	MOUNTAIN VIEW	CA	94040
CORPORATE AUTO WORKS	770	YUBA DRIVE	MOUNTAIN VIEW	CA	94041
CUSTOM ALIGNMENT	2599	WYANDOTTE STREET, #A	MOUNTAIN VIEW	CA	94043
D & A GARAGE	130	PIONEER WAY	MOUNTAIN VIEW	CA	94041
DAVE'S BODY SHOP AUTO DETAILING	2145	OLD MIDDLEFIELD WAY, #A	MOUNTAIN VIEW	CA	94043
DEAN'S AUTOMOTIVE, INC.	2037	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
DENT DOCTOR	2145	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
DEPOT GARAGE	727	WEST EVELYN AVENUE	MOUNTAIN VIEW	CA	94041
DIABLO AUTO POLISHING	230	VILLA STREET	MOUNTAIN VIEW	CA	94041
DINAN ENGINEERING, INC.	2232	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
DMSR INC DBA QUALITY TUNE UP	2580	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
DRIVEN AUTO CARE	826	NORTH RENGSTORFF AVENUE	MOUNTAIN VIEW	CA	94043
DUBAY TIRE SERVICE	776	YUBA DRIVE	MOUNTAIN VIEW	CA	94041
DUNN'S AUTOMOTIVE SERVICE	966	WEST DANA STREET	MOUNTAIN VIEW	CA	94041
ECONOMY IMPORTS	2464	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94039
EL CAMINO PAVING, INC.	924	SAN RAFAEL AVENUE	MOUNTAIN VIEW	CA	94043
EL MONTE 76 SERVICE #253686	1010	EL MONTE AVENUE	MOUNTAIN VIEW	CA	94040
ELLSWORTH BROTHERS MACHINE	2415	OLD MIDDLEFIELD WAY, #A/D	MOUNTAIN VIEW	CA	94043
ENTERPRISE RENT-A-CAR	1415	WEST EL CAMINO REAL, #A	MOUNTAIN VIEW	CA	94040
EURO QUATTRO	2455	OLD MIDDLEFIELD WAY, #A	MOUNTAIN VIEW	CA	94043
EUROPEAN AUTO DETAIL	134	FAIR OAKS AVENUE	MOUNTAIN VIEW	CA	94040
EVELYN AUTO BODY	151	EAST EVELYN AVENUE	MOUNTAIN VIEW	CA	94041
FAMILY AUTO CARE	400	VILLA STREET	MOUNTAIN VIEW	CA	94043
FAMILY CAR WASH	975	BAY STREET	MOUNTAIN VIEW	CA	94040
FAMILY CAR WASH	400	VILLA STREET	MOUNTAIN VIEW	CA	94041
FCC COLLISION CENTERS	177	EVELYN AVENUE EAST	MOUNTAIN VIEW	CA	94041

Facility Name	Street No	Street Name	City	State	Zip Code
FEDERAL COLLISION CENTER	2029	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
FELIX'S AUTO SERVICE, INC.	191	WEST EVELYN AVENUE	MOUNTAIN VIEW	CA	94041
FIRESTONE STORE #3670	462	SAN ANTONIO ROAD	MOUNTAIN VIEW	CA	94040
FORTES AUTO BODY	365	VILLA STREET	MOUNTAIN VIEW	CA	94041
G & J ACQUISITIONS, INC.	1288	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
GRANT ROAD SHELL	1220	GRANT ROAD	MOUNTAIN VIEW	CA	94040
GRIFFIN'S CARBURETOR ELECT. INC.	2423	OLD MIDDLEFIELD WAY, #D	MOUNTAIN VIEW	CA	94043
GTS AUTO CENTER	705	WEST DANA STREET	MOUNTAIN VIEW	CA	94041
GUARANTEED EXPRESS	941	LINDA VISTA AVENUE	MOUNTAIN VIEW	CA	94043-1902
H & J AUTO REPAIR	15	PIONEER WAY	MOUNTAIN VIEW	CA	94041
H & M STATION	789	EAST EVELYN AVENUE	MOUNTAIN VIEW	CA	94040
HALL'S AUTO CLEANERS/FAMILY CAR WSH	2080	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
HARV'S CAR WASH	1101	W. EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
HELMING'S AUTO REPAIR	2520	WYANDOTTE STREET, #G	MOUNTAIN VIEW	CA	94043
HERLINGER CORVETTE REPAIR	1230	PEAR AVENUE, #3	MOUNTAIN VIEW	CA	94042
HERTZ RENT-A-CAR LOCAL EDITION	1901	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94041
HEYER PERFORMANCE	2235	OLD MIDDLEFIELD WAY, #K	MOUNTAIN VIEW	CA	94043
HILEMAN'S AUTOMOTIVE	2570	LEGHORN STREET, #2	MOUNTAIN VIEW	CA	94043
HOUTAN PETROLEUM	101	EAST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
HOWARD TIRE BY WHEEL WORKS	555	SHOWERS DRIVE	MOUNTAIN VIEW	CA	94040
HURST & SONS AUTO	1900	OLD MIDDLEFIELD WAY, UNIT D	MOUNTAIN VIEW	CA	94043
INDEPENDENCE ACURA SERVICE	2415	OLD MIDDLEFIELD WAY, #B	MOUNTAIN VIEW	CA	94043
INDEPENDENCE AUTO BODY	750	INDEPENDENCE AVENUE	MOUNTAIN VIEW	CA	94043
ISRAEL'S TIRE & ALIGNMENT	2239	OLD MIDDLEFIELD WAY, UNIT F	MOUNTAIN VIEW	CA	94043
JIFFY LUBE #1196	500	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
JIFFY LUBE #2342	1141	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94041
JOE'S FOREIGN CAR	151	EAST EVELYN AVENUE	MOUNTAIN VIEW	CA	94041
JONES HALL/US ARMY RESERVE CENTER	1776	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043-1809
JUST TIRES	1045	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
KEVIN'S AUTO REPAIR	1968	LEGHORN STREET	MOUNTAIN VIEW	CA	94043
KING'S BODY SHOP	130	PIONEER WAY	MOUNTAIN VIEW	CA	94041
KRAGEN AUTO PARTS #4114	1915	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
KRAGEN AUTO SUPPLY #207	2620	CALIFORNIA AVENUE	MOUNTAIN VIEW	CA	94040
KRAGEN AUTO SUPPLY #322	170	EAST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
LARRY'S AUTOWORKS	1931	OLD MIDDLEFIELD WAY, #S	MOUNTAIN VIEW	CA	94043
LASLO'S AUTO REPAIR	2239	OLD MIDDLEFIELD WAY, #A	MOUNTAIN VIEW	CA	94043
LOU'S AUTOMOTIVE	2247	OLD MIDDLEFIELD WAY, #B	MOUNTAIN VIEW	CA	94043
LOZANO, INC.	2690	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
M2 COLLISION CENTERS	177	EAST EVELYN AVENUE	MOUNTAIN VIEW	CA	94041
MAGNUSSEN CAR WEST AUTO BODY	2400	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
MAGNUSSEN'S CAR WEST AUTOBODY, MV2	2171	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
MERCEDES WERKSTATT	939	TERRA BELLA AVENUE, #B	MOUNTAIN VIEW	CA	94043
MICHAEL'S MUFFLERS	165	MOFFETT BOULEVARD	MOUNTAIN VIEW	CA	94043
MICHAUX AUTOMOTIVE	151	EAST EVELYN AVENUE	MOUNTAIN VIEW	CA	94041
MIDAS	215	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
MIDDLEFIELD AUTO SERVICE	2362	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
MINI OF MOUNTAIN VIEW	160	EAST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040

Facility Name	Street No	Street Name	City	State	Zip Code
MIRACLE AUTO PAINTING	2319	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
MODDERMAN SERVICE, INC.	1900	OLD MIDDLEFIELD WAY, #F	MOUNTAIN VIEW	CA	94043
MOFFETT BLVD. VALERO #7528	495	MOFFETT BOULEVARD	MOUNTAIN VIEW	CA	94043
MOONLITE CAR WASH (DALE)	951	DALE AVENUE	MOUNTAIN VIEW	CA	94040
MOONLITE CAR WASH (MIDDLEFIELD)	2380	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
MOONLITE CAR WASH (SHORELINE)	466	NORTH SHORELINE BLVD.	MOUNTAIN VIEW	CA	94043
MOUNTAIN VIEW AUTO AND TRUCK	828	INDEPENDENCE AVENUE	MOUNTAIN VIEW	CA	94043
MOUNTAIN VIEW AUTO BODY & PAINT	1900	OLD MIDDLEFIELD WAY, #D	MOUNTAIN VIEW	CA	94043
MOUNTAIN VIEW AUTO REPAIR	845	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94041
MOUNTAIN VIEW FOREIGN CAR	190	STIERLIN ROAD	MOUNTAIN VIEW	CA	94043
MOUNTAIN VIEW MAIN POST OFFICE	1070	L'AVENIDA	MOUNTAIN VIEW	CA	94041
MOUNTAIN VIEW RADIATOR	624	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
MOUNTAIN VIEW SMOG CHECK	571	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94041
MOUNTAIN VIEW VALERO #7542	584	NORTH RENGSTORFF AVENUE	MOUNTAIN VIEW	CA	94043
MOUNTAIN VIEW/WHISMAN SCHOOL DISTRICT	1175	CASTRO STREET	MOUNTAIN VIEW	CA	94040
MV-LA UNION HS DISTRICT	1299	BRYANT AVENUE	MOUNTAIN VIEW	CA	94040-4599
NAPA AUTO PARTS	805	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94039
NATIONAL TOWING & TRANSPORT	2520	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
NORTH STAR AUTO TECH	190	CALDERON AVENUE	MOUNTAIN VIEW	CA	94041
O'GRADY PAVING, INC.	2513	WYANDOTTE STREET	MOUNTAIN VIEW	CA	94043
PALO ALTO TIRE & BRAKE	2037	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
PARKER AUTOMOTIVE	250	SAN ANTONIO ROAD, #B	MOUNTAIN VIEW	CA	94040
PEDRO'S AUTO CLINIC	1080	TERRA BELLA AVENUE, #A/B	MOUNTAIN VIEW	CA	94043
PERFECTION AUTO DETAIL	2526	LEGHORN STREET, #A	MOUNTAIN VIEW	CA	94043
POULSEN AUTOMOTIVE	1900	OLD MIDDLEFIELD WAY, #C	MOUNTAIN VIEW	CA	94043
PRECISE MOBILE AUTO REPAIR	151	EAST EVELYN AVENUE, #D	MOUNTAIN VIEW	CA	94041
PRECISION TUNE AUTO CARE	810	MIRAMONTE AVENUE	MOUNTAIN VIEW	CA	94040
QUICK SMOG	2235	OLD MIDDLEFIELD WAY, UNIT G	MOUNTAIN VIEW	CA	94043
R & W AUTOBODY & PAINT REPAIR	2235	OLD MIDDLEFIELD WAY, UNIT J	MOUNTAIN VIEW	CA	94043
RECOLOGY, INC.	935	TERRA BELLA AVENUE	MOUNTAIN VIEW	CA	94043
RENNWERKS	1911	PLYMOUTH STREET	MOUNTAIN VIEW	CA	94043
RICH'S TIRE	1950	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
RON'S SAFETY SERVICE	117	EAST EVELYN AVENUE	MOUNTAIN VIEW	CA	94041
ROTTEN ROBBIE-4	310	NORTH WHISMAN ROAD	MOUNTAIN VIEW	CA	94043
SAN ANTONIO VALERO #7230	334	SAN ANTONIO ROAD	MOUNTAIN VIEW	CA	94040
SAVINGS AUTO CARE	461	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94041
SCC TRANSPORTATION AGENCY	1241	L'AVENIDA	MOUNTAIN VIEW	CA	94043
SEARS AUTOMOTIVE CENTER	455	SAN ANTONIO ROAD	MOUNTAIN VIEW	CA	94040
SHORELINE SHELL	807	NORTH SHORELINE BOULEVARD	MOUNTAIN VIEW	CA	94041
SILICON VALLEY PERFORMANCE	2570	LEGHORN STREET, UNIT 2	MOUNTAIN VIEW	CA	94043
SILICON VALLEY VALERO #7864	59	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
SONDGROTH CONSTRUCTION	1916	COLONY STREET	MOUNTAIN VIEW	CA	94043
SONIC MOTORSPORTS	1045	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94041
SOUTHWEST AUTO	400	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
STEVE SMITH'S AUTO SERVICE	1900	OLD MIDDLEFIELD WAY, #E	MOUNTAIN VIEW	CA	94043
STEVE WEISS ENTERPRISES	2570	LEGHORN STREET, #C	MOUNTAIN VIEW	CA	94043
SUNNYVALE FOREIGN CAR SERVICE	83	PIONEER WAY, #B	MOUNTAIN VIEW	CA	94041

Facility Name	Street No	Street Name	City	State	Zip Code
SUNNYVALE FOREIGN CAR SERVICE	85	PIONEER WAY, UNIT A/B	MOUNTAIN VIEW	CA	94043
SUSPENSION PERFORMANCE	2239	HOLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94041
THE CAR CLINIC	181	WEST EVELYN AVENUE, #A	MOUNTAIN VIEW	CA	94041
THE CAR DOCTOR	2239	OLD MIDDLEFIELD WAY, UNIT D	MOUNTAIN VIEW	CA	94043
THE CAR SPA OF MOUNTAIN VIEW, L.L.C	1101	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
THOMAS TRANSFER & STORAGE	2195	LEGHORN STREET	MOUNTAIN VIEW	CA	94043
TRACKSTAR RACING	2139	DOLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94041
TUBAN INDUSTRIAL PRODUCTS AKA TIPCO	2003	LEGHORN STREET, #A	MOUNTAIN VIEW	CA	94043
U-HAUL CENTER OF MOUNTAIN VIEW	62	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94040
UNITED AUTO BROKER	247	WEST EL CAMINO REAL	MOUNTAIN VIEW	CA	94043
VALLEY OIL CO	785	YUBA DRIVE	MOUNTAIN VIEW	CA	94042
WARREN MCCORD MOTORSPORTS	2235	OLD MIDDLEFIELD WAY, #E & G	MOUNTAIN VIEW	CA	94043
WHISMAN SCHOOL DISTRICT	1695	ROCK STREET	MOUNTAIN VIEW	CA	94043
WOLFSBURG FOREIGN CAR PARTS	261	MOFFETT BOULEVARD	MOUNTAIN VIEW	CA	94039
YARDBIRD EQUIPMENT SALES	2530	OLD MIDDLEFIELD WAY	MOUNTAIN VIEW	CA	94043
YARNELL'S SERVICE CENTER	81	PIONEER WAY	MOUNTAIN VIEW	CA	94041
YOUNG'S AUTOMOTIVE SERVICE	890	CENTRAL AVENUE	MOUNTAIN VIEW	CA	94043
ADVANTAGE AVIATION	1903	EMBARCADERO ROAD	PALO ALTO	CA	94303
AKINS BODY SHOP	3045	PARK BOULEVARD	PALO ALTO	CA	94306
AKINS BODY SHOP #2	2905	EL CAMINO REAL	PALO ALTO	CA	94306
ANDERSON HONDA	1766	EMBARCADERO ROAD	PALO ALTO	CA	94303
ARCO-PSI5479	699	SAN ANTONIO ROAD	PALO ALTO	CA	94306
ART'S BODYCRAFT	280	LAMBERT AVENUE	PALO ALTO	CA	94306
AUTO PRIDE CAR WASH	841	EL CAMINO REAL	PALO ALTO	CA	94301
AVIS RENT-A-CAR	4216	EL CAMINO REAL	PALO ALTO	CA	94306
BARRON PARK SHELL SERVICE	3601	EL CAMINO REAL	PALO ALTO	CA	94306
BILL YOUNG'S AUTO	904	HIGH STREET	PALO ALTO	CA	94301
BRAD LOZARES GOLF PRO SHOP	1875	EMBARCADERO ROAD	PALO ALTO	CA	94303
BUDGET RENT-A-CAR-PA	4230	EL CAMINO REAL	PALO ALTO	CA	94306
CARLSEN AUDI, INC.	1730	EMBARCADERO ROAD	PALO ALTO	CA	94303
CARLSEN VOLVO	4180	EL CAMINO REAL	PALO ALTO	CA	94306
CHEVRON USA	3897	EL CAMINO REAL	PALO ALTO	CA	94306
CMK AUTOMOTIVE, INC.	904	INDUSTRIAL AVENUE	PALO ALTO	CA	94303
COMMUTERS' SHELL SERVICES	355	ALMA STREET	PALO ALTO	CA	94301
D & M MOTORS	190	CHANNING AVENUE	PALO ALTO	CA	94301
DAVE'S AUTO REPAIR	830	EAST CHARLESTON ROAD	PALO ALTO	CA	94303
EMBARCADERO SHELL	1161	EMBARCADERO ROAD	PALO ALTO	CA	94303
ENTERPRISE RENT-A-CAR, PA	814	SAN ANTONIO ROAD	PALO ALTO	CA	94303
ENTERPRISE RENT-A-CAR, PA2	4193	EL CAMINO REAL,	PALO ALTO	CA	94306
FIMBRES' BROTHERS	906	INDUSTRIAL AVE	PALO ALTO	CA	94303
HANS CAR SERVICE	904	HIGH STREET	PALO ALTO	CA	94301
HEINICHEN'S GARAGE	960	HIGH STREET	PALO ALTO	CA	94301
HENGHELD TRUCK RENTAL	762	SAN ANTONIO ROAD	PALO ALTO	CA	94303
HERTZ LOCAL EDITION	4220	EL CAMINO REAL	PALO ALTO	CA	94306
JIFFY LUBE#1283	4201	MIDDLEFIELD ROAD	PALO ALTO	CA	94303
JIFFY LUPE #1297	4195	EL CAMINO REAL	PALO ALTO	CA	94306
JIM DAVIS AUTOMOTIVE	3972	EL CAMINO REAL	PALO ALTO	CA	94306

Facility Name	Street No	Street Name	City	State	Zip Code
KMAS, INC.	1001	E. CHARLESTON ROAD	PALO ALTO	CA	94303
KURT'S & DORN'S SERVICE	930	EMERSON STREET	PALO ALTO	CA	94301
MAACO PAINTING & BODYWORKS	816	SAN ANTONIO ROAD	PALO ALTO	CA	94303
MATHEWS-CARLSEN BODY WORKS	2480	FABER PLACE	PALO ALTO	CA	94303
MECHANICA AUTOMOTIVE	788	SAN ANTONIO ROAD	PALO ALTO	CA	94303
MEISSNER AUTOMOTIVE	811	EAST CHARLESTON ROAD	PALO ALTO	CA	94303
MIDAS MUFFLER & BRAKE SHOP	4200	EL CAMINO REAL	PALO ALTO	CA	94306
MSC GARAGE	3201	EAST BAYSHORE ROAD	PALO ALTO	CA	94303
MUNICIPAL GOLF COURSE MAINTENANCE	1875	EMBARCADERO ROAD	PALO ALTO	CA	94303
NATIONAL CAR RENTAL	4218	EL CAMINO REAL	PALO ALTO	CA	94306
NINE MINUTE OIL & LUBE	3839	EL CAMINO REAL	PALO ALTO	CA	94306
OIL CHANGERS	780	SAN ANTONIO ROAD	PALO ALTO	CA	94303
PALO ALTO AERO SERVICE	1901	EMBARCADERO ROAD	PALO ALTO	CA	94303
PALO ALTO AIRPORT	1925	EMBARCADERO ROAD	PALO ALTO	CA	94303
PALO ALTO AUTO REPAIR	3508	EL CAMINO REAL	PALO ALTO	CA	94306
PALO ALTO FIRE STATION #1	301	ALMA STREET	PALO ALTO	CA	94301
PALO ALTO FIRE STATION #2	2675	HANOVER STREET	PALO ALTO	CA	94304
PALO ALTO FIRE STATION #3	799	EMBARCADERO ROAD	PALO ALTO	CA	94303
PALO ALTO FIRE STATION #4	3600	MIDDLEFIELD ROAD	PALO ALTO	CA	94306
PALO ALTO FIRE STATION #5	600	ARASTRADERO	PALO ALTO	CA	94304
PALO ALTO FIRE STATION #7	2575	SAND HILL ROAD	PALO ALTO	CA	94304
PALO ALTO FIRE STATION #8	3300	PAGE MILL ROAD	PALO ALTO	CA	94304
PALO ALTO FUEL SERVICE	1901	EMBARCADERO ROAD, SUITE 101	PALO ALTO	CA	94303
PALO ALTO GERMAN CAR CORP	3939	EL CAMINO REAL	PALO ALTO	CA	94306
PALO ALTO HILLS GOLF & COUNTRY CLUB	3000	ALEXIS DRIVE	PALO ALTO	CA	94304
PALO ALTO INDEPENDENT BMW, INC.	799	ALMA STREET	PALO ALTO	CA	94301
PALO ALTO MAIN POST OFFICE	2085	EAST BAYSHORE	PALO ALTO	CA	94303
PALO ALTO SHELL	2200	EL CAMINO REAL	PALO ALTO	CA	94306
PALO ALTO SMOG	4200	EL CAMINO REAL	PALO ALTO	CA	94306
PALO ALTO SPEEDOMETER	718	EMERSON STREET	PALO ALTO	CA	94301
PALO ALTO UNIF SCH'L DIST: PA HS	50	Embarcadero RD	PALO ALTO	CA	94306
PALO ALTO UNOCAL SERVICE	835	SAN ANTONIO ROAD	PALO ALTO	CA	94303
PARK AUTOMOTIVE SERVICE	3040	PARK BOULEVARD	PALO ALTO	CA	94306
PARK AVE MOTORS #2	3241	PARK BOULEVARD	PALO ALTO	CA	94306
PARK AVENUE MOTORS	3290	PARK BOULEVARD	PALO ALTO	CA	94306
PRECISION AUTOMOTIVE	439	LAMBERT AVENUE	PALO ALTO	CA	94306
ROSSI AIRCRAFT, INC.	1903	EMBARCADERO ROAD	PALO ALTO	CA	94303
SAY RAY AUTO SERVICE	3251	ASH STREET	PALO ALTO	CA	94306
SHERMAN'S AUTO SERVICE	710	SAN ANTONIO ROAD	PALO ALTO	CA	94303
SMALL CAR SHOP	111	HOMER AVENUE	PALO ALTO	CA	94301
SMOG PROS/ARCO	840	SAN ANTONIO ROAD	PALO ALTO	CA	94303
STANFORD AUTO CARE	290	LAMBERT AVENUE	PALO ALTO	CA	94306
STREETWERKE	292	LAMBERT AVENUE	PALO ALTO	CA	94306
TOYOTA OF PALO ALTO	690	SAN ANTONIO ROAD	PALO ALTO	CA	94306
US POSTAL SERVICE, CAMBRIDGE	265	CAMBRIDGE AVENUE	PALO ALTO	CA	94306
US POSTAL SERVICE, HAMILTON	380	HAMILTON AVENUE	PALO ALTO	CA	94301
VALERO USA, PA	705	SAN ANTONIO ROAD	PALO ALTO	CA	94303

Facility Name	Street No	Street Name	City	State	Zip Code
VALERO USA/A&A AUTO REPAIR	1963	EL CAMINO REAL	PALO ALTO	CA	94306
VIKING MOTOR BODY CO. INC.	2904	ASH STREET	PALO ALTO	CA	94306
WEST VALLEY FLYING CLUB	1901	EMBARCADERO ROAD, SUITE 100	PALO ALTO	CA	94303
YEAMAN AUTO BODY	2025	EAST BAYSHORE ROAD	PALO ALTO	CA	94303
CAMPUS SERVICE	715	SERRA STREET	STANFORD	CA	94305
PALO ALTO FIRE STATION #6	711	SERRA STREET	STANFORD	CA	94305
PENINSULA SANITATION SERVICES	339	BONAIR SIDING ROAD	STANFORD	CA	94305
STANFORD GOLF COURSE	0	DEPARTMENT OF ATHLETICS	STANFORD	CA	94305
STANFORD MAINTENANCE SHOP	315	BONAIR SIDING ROAD	STANFORD	CA	94305
US POSTAL SERVICE, STANFORD	0	STANFORD UNIVERSITY	STANFORD	CA	94305-9991

CPA Environmental Compliance Division Stormwater IND Inspections

Facility Name	Street #	Address	Suite	Telephone	Contact_Name
CHARLESTON CLEANERS	3900	MIDDLEFIELD RD		6504241113	FRED ALAMI
EMERSON CLEANERS	926	EMERSON ST		6503266926	JAMIE YI
GATE CLEANERS	439	HAMILTON AV		6503267896	BABAK KAHROBAIE
HOLIDAY CLEANERS	595	BRYANT ST		6503257004	HEA SOOK SUNG
MIKE'S ONE HOUR CLEANER	3886	EL CAMINO RL		6504938690	YOUNG GYUN HYUN
NEW HOLIDAY CLEANERS OF PALO ALTO	2685	MIDDLEFIELD RD		6503235530	BABAK KAHROBAIE
NORGE VILLAGE LAUNDRY	240	CALIFORNIA AV		6503273168	LINDA ELLIS
STANFORD CLEANERS	2875	EL CAMINO RL		6503222540	JIM YIM
TOWN & COUNTRY CLEANERS	855	EL CAMINO RL	#42	6503290998	STANLEY HONG
CIARADELLA'S GARDEN SUPPLY	1001	San Antonio Road		321-5913	
BARRON PARK FLORIST / NURSERY	3876	El Camino Real			
SUMMERWINDS NURSERY	725	San Antonio Road		493-5136	
PALO ALTO ACE HARDWARE	875	Alma Street		327-7222	
PENINSULA HARDWARE	2676	Middlefield Road		325-3491	
CITY OF PALO ALTO ANIMAL SERVICES	3281	East Bayshore Road		496-5933	
STANFORD PET HOSPITAL	4111	El Camino Real		493-4233	Sarah Nelson
ANIMAL DOCTORS	461	Page Mill Road		325-1343	
EL CAMINO PET HOSPITAL	2951	El Camino Real		326-1211	

Appendix 4-3

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

Industrial and Comercial Sites and No of Visits

No	FacilityName	No of Visits
1	A-1 Auto Service	1
2	ABBEY'S	1
3	ABUNDANT AIR CAFE	1
4	ACE OF SANDWICHES, THE	1
5	ACME Biosciences	1
6	Advantage Aviation	1
7	Affymax Research Institute	2
8	Akins Body Shop	1
9	Akins Body Shop #2	1
10	Allied Auto Works	1
11	Allied Auto Works #2	1
12	Anacor Pharmaceuticals	4
13	Anderson Honda	1
14	ANTONIO'S NUT HOUSE	1
15	Arco - PSI5429	1
16	Art's Body Craft	1
17	Auto Pride Car Wash	1
18	Avis Rent A Car System, Inc.	1
19	BAJA FRESH MEXICAN GRILL	3
20	Barron Park Shell	1
21	Bill Young's Auto	1
22	Brad Lozares Golf Shop	1
23	Budget Rent-A-Car	1
24	Cafa A La Carte	1
25	CAFE 220	4
26	CAFE BRIOCHE	2
27	CAL SPRAY INC.	2
28	California Automotive	1
29	CALIFORNIA PIZZA KITCHEN	2
30	Campus Service/Valero	1
31	Carlsen Audi	1
32	Carlsen Volvo	1
33	Cavallino Collision Repair	1
34	CHEESECAKE FACTORY	1
35	Chevron Automotive Center	1
36	Chevron USA	1
37	CHINA MEI	2
38	CHIPOTLE	5
39	CMK Automotive	1
40	INDUSTRIES	2
41	Commuters Shell Service	1
42	COUNTER, THE	1
43	CRUSTACEAN	1
44	CRYSTAL TECHNOLOGY INC.	5
45	CSI Chevron	1
46	CVS Pharmacy	3
47	D & M Motors	1
48	Dave's Auto Repair	1
49	Diffraction Optics	2
50	dpix LLC	3
51	East Palo Alto Shell	1
52	El Camino Unocal	1

Industrial and Comercial Sites and No of Visits

No	FacilityName	No of Visits
53	Embarcadero Shell	1
54	Enterprise Rent-A-Car	2
55	EVVIA	6
56	Fimbres Brothers	1
57	FISH MARKET THE	1
58	Foothill College	1
59	FUKI SUSHI	2
60	Genencor International Inc.	2
61	Gilead Palo Alto	3
62	Green Waste Environmental (PASCO)	1
63	KRONISH	1
64	GOODRICH	1
65	HAMMON PLATING	3
66	HAN	1
67	Hans Car Service	1
68	HAPPY DONUTS	2
69	Heinichen's Garage	1
70	Hengehold Motor Company	1
71	Hertz Local Edition	1
72	Hewlett Packard	1
73	HILLVIEW CLINICAL LAB	1
74	HOWIE'S ARTISAN PIZZA	1
75	HYDERABAD HOUSE	1
76	Image Technology Inc.	2
77	Infinity Auto Salvage	1
78	JACK IN THE BOX	3
79	Jiffy Lube	1
80	Jiffy Lube #1297	1
81	Jim Davis Automotive/Valero	1
82	JOANIE'S CAFE	2
83	Keeble & Schuchat Photography (KSP)	1
84	Kmas, Inc.	1
85	Kurt & Dorn's Service	1
86	L&L HAWAIIAN BBQ	1
87	LA BODEGUITA DEL MEDIO	1
88	LA MORENITA RESTAURANT	1
89	Ladera Auto Works	1
90	LAVANDA	1
91	Lockheed Martin Missiles and Space	2
92	Los Altos Arco AM/PM	1
93	Los Altos MSC	1
94	Los Altos Union	1
95	LOTUS THAI BISTRO	6
96	LOUI LOUI	1
97	LOVING HUT	1
98	Lucile Packard Childrens Hospital	1
99	LULU'S	1
100	Maaco Painting & Bodyworks	1
101	MANTRA RESTAURANT	1
102	Mathew's - Carlson Bodyworks	1
103	Mechanica Automotive	1
104	MEDITERRANEAN WRAPS	1

Industrial and Comercial Sites and No of Visits

No	FacilityName	No of Visits
105	Meissner Automotive	1
106	Midas Muffler & Brake Shop	1
107	MSC Garage	1
108	Municipal Golf Course Maintenance	1
109	Nanosys Incorporated	2
110	NASA AMES RESEARCH CENTER	1
111	National Car Rental	1
112	Nine Minute Oil & Lube	1
113	OAXACAN KITCHEN, THE	1
114	Oil Changers	1
115	OSTERIA	1
116	Palo Alto Aero Service	1
117	Palo Alto Airport	1
118	Palo Alto Auto Repair	1
119	PALO ALTO BAKING COMPANY	1
120	Palo Alto Fire Station #1	1
121	Palo Alto Fire Station #2	1
122	Palo Alto Fire Station #3	1
123	Palo Alto Fire Station #4	1
124	Palo Alto Fire Station #5	1
125	Palo Alto Fuel Service	1
126	Palo Alto German Car Corporation	1
127	CLUB	2
128	Palo Alto Independent BMW	1
129	Palo Alto Landfill	2
130	PALO ALTO MEDICAL FOUNDATION	2
131	Palo Alto Research Center, Building 34	1
132	Palo Alto Research Center, Building 35	1
133	Palo Alto Shell	1
134	PALO ALTO SOL	2
135	Palo Alto Speedometer Service	1
136	Palo Alto Unified School District	1
137	Palo Alto Unocal Service	1
138	Park Automotive Service	1
139	Park Avenue Motors	1
140	Parking Company of America	1
141	Peninsula Sanitary Service	1
142	PIZZA CHICAGO	1
143	PIZZA MY HEART	1
144	Precision Automotive	1
145	R&B SEAFOOD RESTAURANT	2
146	Rainer's Service Station	1
147	Rancho Auto Service/Valero	1
148	Reitmeir's Werkstatt	1
149	REPASADO	2
150	Roche Biosciences	2
151	ROJOZ WRAPS	1
152	Rossi Aircraft, Inc.	1
153	SAFEWAY #1682	2
154	SANCHO'S TAQUERIA	2
155	Say Ray Auto Service	1
156	Research)	2

Industrial and Comercial Sites and No of Visits

No	FacilityName	No of Visits
157	Research)	2
158	SCOTT'S SEAFOOD GRILL & BAR	1
159	SHERATON PALO ALTO	1
160	Shermans Auto Service	1
161	Skip's Tire & Auto	1
162	SLIDEBAR	1
163	Small Car Shop	1
164	Smog Pros/Arco	1
165	Southwall Technologies, Inc.	1
166	SPACE SYSTEMS LORAL	4
167	Specific Plating Company	2
168	Stanford Auto Care	1
169	Stanford Golf Course	1
170	Stanford Hospital and Clinics	1
171	Stanford School of Medicine	3
172	STANFORD UNIVERSITY	1
173	Stanford Utilites Maintenance	1
174	Steifel Labs	1
175	Stiefel Labs	1
176	STRAITS CAFE PALO ALTO	1
177	Streetwerke	1
178	SU HONG	1
179	SUBWAY #27048	1
180	SUSHI TOMO	2
181	SZECHWAN CAFE	2
182	TACO BELL #0976	1
183	TAQUERIA EL GRULLENSE	2
184	Target Discovery	1
185	THAIPHOON RESTAURANT	1
186	Touchatt Trucking	1
187	Toyota of Palo Alto	1
188	TRADER JOES	2
189	TRANSLUCENT PHOTONICS	1
190	USA Gasoline	1
191	UZUMAKI SUSHI	2
192	VA Palo Alto Health Care Affairs	1
193	VA Palo Alto Health Care System	1
194	Valero USA	1
195	Valero USA/A&A Auto Repair	1
196	Viking Motor Body	1
197	Village Chevron	1
198	West Valley Flying Club	1
199	WHOLE FOODS MARKET	2
200	Yeaman Auto Body	1
201	ZIBIBBO'S	1
Total Number of Visits		275

Appendix 4-4

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

Industrial and Commercial Site by Categories: Violations and Enforcement Action Counts

Business Category	Category Count	No Action	Violations Observed	Level 1	Level 2	Level 3	Level 4
Automotive	101	101	0	0	0	0	0
E/EC	3	3	0	0	0	0	0
Food Service	100	61	39	19	19	1	0
Landfills	2	1	1	0	1	0	0
Industrial Dischargers	69	63	6	1	4	1	0
Totals	275	229	46	20	24	2	0

Appendix 5-1

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

Public Works Department				
Division	Contact	Title	Cell	Home
Administration	Glenn Roberts	Director	408.836.6000	408.395.7221
Engineering	Mike Sartor	Assistant Director	650.704.3854	650.854.6945
	Joe Teresi	Senior Engineer	650.455.4887	650.583.5476
Environmental Compliance	Phil Bobel	ECD Manager	650-279-0464	650.327.5661
	Ken Torke	ECP Manager	408.306.4645	408.746.2012
Equipment	Keith LaHaie	Fleet Manager	650.740.2469	510.489.3147
Facilities	Karen Smith	Manager	650.793.3268	650.361.8301
	Richard Zolezzi	Project Manager	650.444.6359	650.814.3840
	Dennis Huebner	Supervisor	650.444.6360	408.842.7125
Operations (Ops) & Refuse	Paul Dornell	Assistant Director	408.891.7064	408.268.8258
Solid Waste Programs	Rene Eyerly	Solid Waste Manager	503.703.8964	
Sweeping/Traffic Control	Steve Banks	Maint. Ops Manager	650.444.8985	650.583.1560
Storm Drain/Street/Sidewalk	John Hospitalier	Maint. Ops Manager	650.444.6386	510.481.7313
Landfill	John Connelly	Supervisor	650.380.7006	510.791.5979
Trees	Eric Krebs	Managing Arborist	650.444.6383	650.851.8797
All Ops except Refuse and *HW	Sean Kennedy	Superintendent	650.444.6390	650.366.1651
Hazardous Waste*	Ron Arp	ECP Manager	650.444.4402	925.294.9732
Waste Hauler	Paula Borges	Executive Assistant	650.444.7809	408.557.0590
Landfill Engineer	Matt Raschke	Senior Engineer	510.306.6396	650.559.0218
Water Quality Control	James Allen	Plant Manager	650.444.6356	408.738.3634
	Howard Yancey	Asst. Plant Manager	831.596.1310	831.335.8023

Reporting Spills, Dumping, and Back-Ups

The Regional Water Quality Control Plant (RWQCP) treats wastewater for the East Palo Alto Sanitary District, Los Altos, Los Altos Hills, Mountain View, Palo Alto, and Stanford. However, **different agencies handle stormwater, collection system, and spill response issues** in these cities.

Reporting Spills, Dumping, And Back-Ups In Palo Alto

The following information is for Palo Alto residents only

Call to Report Hazardous Spills

If you notice any unusual substance in or around a storm drain, or if you see someone dumping anything into a storm drain, don't wait! Call the City of Palo Alto 24-hour communications line at 650-329-2413 immediately.

Call the City at 650-329-2413 if you see any spill of a potentially hazardous material in or around a street, or gutter, in or around local creeks or the Bay, or elsewhere in the outdoor environment. If you find out that hazardous materials have been dumped in the sewer system, call the Regional Water Quality Control Plant at 650-329-2598

Call if a Sewer Line is Blocked

Call the Utilities Emergency Line: 650-329-2579

Note: If your drains back up because roots are clogging the sewer line, use mechanical root removal, not crystal-form root killers you flush down the toilet. Mechanical root removal is the most environmentally sound method of controlling roots in sewer pipes. Use of crystal-form, copper-based root killers have been banned in the Bay Area. They are also not as effective as mechanical removal, and they contribute significant amounts of copper (which is toxic to marine life) to the Bay's sensitive ecosystem.

Call for a Clogged Storm Drain

In an emergency (flooding imminent)-call the Utilities Emergency Line at 650-329-2579

If it's not an emergency, call Storm Drain Maintenance at 650-496-6974

Reporting Spills, Dumping, and Back-Ups Cities Other Than Palo Alto

East Palo Alto Sanitary District

Back-Ups 650-325-9021

Storm Drains 650-853-3189

Spills and Dumping 650-325-9021

RWQCP(Sewer) 650-329-2598

Los Altos

Back-Ups 650-948-0482 / 650-948-8223

Storm Drains 650-948-0482 / 650-948-8223

Spills and Dumping 911

RWQCP(Sewer) 650-329-2598

Los Altos Hills

Back-Ups 650-366-1059 / 408-299-2311

Storm Drains 650-941-7222 / 408-299-2311

Spills and Dumping 911

RWQCP(Sewer) 650-329-2598

Mountain View

Back-Ups 650-903-6329

Storm Drains 650-903-6329 / 650-948-8223

Spills and Dumping 650-903-6378 / 650-903-6395

RWQCP(Sewer) 650-329-2598

Stanford

Back-Ups 650-723-2281 (Work Control)

Storm Drains 650-723-2281 (Work Control)

Spills and Dumping 650-723-2281 (Work Control)

RWQCP(Sewer) 650-329-2598

INTERDEPARTMENTAL SPILL RESPONSE PROCEDURES
(All substances except sewage)
Amended 3/8/10

- A. Purpose: The purpose of these brief procedures is to define the relationships between Departments during a Spill Response, thereby clarifying the relationships among the Departments' individual Spill Response Procedures.
- B. Notification:
1. Communications is to be notified of any spill immediately (Exception: A spill at the MSC or RWQCP which will be cleaned up by MSC or RWQCP staff).
 2. Communications notifies Fire who becomes the Incident Commander.
 3. Fire advises other Departments & Divisions as needed. (e.g., Public Works Operations, Water Quality, Open Space)
- C. Lead (Incident Commander):
1. Fire has the lead (Incident Commander) until and unless all of the following are found to be true (following consultation):
 - a) The spilled substance is identified (or it is determined that it cannot be identified)
 - b) There is no Imminent or Substantial Endangerment
 - c) The substance is not a Hazardous Substance
 - d) Fire advises other affected Departments that it no longer has the lead (Incident Commander role terminated for the incident)
- D. Deployment of Public Works Operations Clean-up Contractor
1. Fire will request that Public Works Operations (PW/OPS) deploy the Clean-up Contractor in accordance with PW/OPS Procedures for Emergency Response to Spills and Releases, section 3.2, Field Response (Attachment A), and following consultation.
 2. Unless Fire has terminated its Incident Commander role, (paragraph C.1.d. above), Fire will direct the Clean-up Contractor, assisted by Public Works.
 3. On private property, Fire will order the Responsible Party (RP) to clean up the spill. If RP is unable to clean up the spill in a safe and timely manner, Fire shall use the City Contractor, and the RP will be billed.

ECD: SPILL RESPONSE

<i>WHAT IS HAPPENING?</i>	<i>ONGOING EVENT</i>		<i>WHAT NEEDS TO BE DONE</i>
	<i>IMPACTED AREA</i>	<i>WHAT TO DO</i>	
Is it a sanitary sewer overflow (SSO)?	Is material in the storm drain?	Call Utilities Dispatch Call ECD. Call Communications. Stay at the scene.	Utilities must pump out the sewer, flush the storm drain, and pump out the rinse water. Investigate the cause. Reporting.
	Is material in the street or sidewalk but has not reached the storm drain?	Call Utilities Dispatch Call ECD. Call Communications. Stay at the scene.	Utilities must clean the street and disinfect the area. Investigate the cause.
Is it a construction-related discharge?	Is the material in the storm drain & the responsible party is known?	Call ECD. Try to stop the discharge. Call PWD-OPS. Issue a citation.	Responsible party must clean the storm system. If not, PWD-OPS will do the cleanup and bill the responsible party later.
	Is the material in the storm drain or creek & the responsible party is unknown?	Call ECD. Call PWD storm water group.	PWD-OPS must pump out the storm drain. Investigate the cause.
	Is it a threatened discharge?	Ask the party to clean up. Issue a citation.	Conduct follow-up inspection.
Is it a hazardous substance or an unknown substance?	Is it in the storm drain, creek, street, or gutter?	Call Communications and ask for FD help Call PWD-OPS. Hazardous Waste group. Call ECD. Issue a citation if the party is known.	Remain at the site until the clean up is complete.
Any other situation	Storm drain, street, creek, or gutter	Call ECD.	Wait patiently.

CONTACTS

Communications	329 • 2413	Environmental Compliance (ECD)	329 • 2598
Public Works Operations (PWD-OPS)	496 • 6974	Jon Hospitalier (Storm)	496 • 6985
Utility Operations	496 • 6934	Chuck Muir (Hazmat)	496 • 6980
Utilities Dispatch	496 • 2579	Frank Alvarado (Sanitary)	496 • 6972

Appendix 6-1

C.6.e.iii.(1) Construction Site Inspections

Construction Facilities and Number of Visits

No	Facility Name	No of Visits
1	101 Forest Avenue - New Commercial Building	5
2	2805 Camino Real - New Comercial Buliding	1
3	2944 Alexis Drive - New Single Family Residential Home	1
4	3130 Alexis Drive - New Single Family Residential Home	1
5	3230 Alexis Drive - New Single Family Residential Home	2
6	3242 Ross Road - Single Family Residence	1
7	3432 Cowper Street - New Family Residence	2
8	4165 Old Adobe SFR	2
9	640 Santa Rita - New Single Family Residences	1
10	961 College Avenue - Single Family Residence	1
11	Altaire Homes	8
12	Baylands Interpretative Building	6
13	CIP: Emergency Water Supply Wells, Eleanore Pardee Park	4
14	CIP: Emergency Water Supply Wells, Mitchell Park Library	1
15	Echelon	3
16	Elk's Lodge	20
17	Fabian Way Gymnasium	10
18	Matadero Single Family Homes Development (4)	5
19	Palo Alto Country Club	2
20	Stanford Hospital	4
21	Stanford University - Automotive Innovation Facility	5
22	Stanford University - Campus Drive West Realignment	1
23	Stanford University - Concert Hall	2
24	Stanford University - Escondido Housing	5
25	Stanford University - Graduate School of Business	5
26	Stanford University - Law School	6
27	Stanford University - LKC	3
28	Stanford University - Munger Graduate Housing	1
29	Stanford University - NANO	4
30	Stanford University - Olmstead Staff Rental Housing	8
31	Stanford University - Olmstead Terrace	1
32	field	1
33	Stanford University - SCRA	1
34	Stanford University - SIEPR	1
35	Stanford University - SIMI	3
36	Stanford University - SOEC	4
37	Sterling Park Homes	9
38	Summerhill Homes: Redwood Estates	28
39	Trader Joe's	3
40	Walgreen's	4
	Total Number of Visits	175

Appendix 7-1

C.7.e Public Outreach Events

Public Contacts 2009

Date	Item or Event		Contact Type
Jan 9	Downtown Streets Team and Seasonal Workers program meeting with RWQCP staff. Joint effort for utilizing staff to help with creeks, waterways. At this point meeting was strictly to harness resources.		Potential resource meeting
Jan 14	Dental Inspector Training for BAPPG members – Karin North did introduction		Training
Jan 28	11th San Francisco Urban IPM Conference All day series of lectures held at the Presidio in SF.		Conference for commercial professionals & local govt. agencies
Feb 25	College Dental Assistants Lecture – Silver/Amalgam disposal to be mentioned		Foothill College outreach lecture
Mar 4	CWEA P3S Conference – held in Monterey.	FSEs can cause increased maintenance costs and sanitary sewer overflows which can lead to health and environmental impacts Storm water violations are also very common at FSEs. The City of Palo Alto conducts rigorous inspections and enforcement for both FOG and storm water violations. See Palo Alto's new electronic inspection system and database.	Conference for inspectors, city outreach staff, etc;
Apr 16	Greenlight Earth Day Film Festival – this year the City of Atherton joined as a donor. Two City of San Jose staff joined to help coordinate the event.		Annual short film contest w/tablers
Apr 18	PA Earth Day Event & kickoff for the Palo Alto Community Farm Shop! – downtown at Civic Center		City-sponsored event with vendors, agencies & music
Apr 22	NVidia (Santa Clara) Sustainability Earth Day Fair		Annual employee tabling event
Apr 23	Roche's Earth Day and Bring Your Child to Work day event – 70 vendors participated.		Tabling event for Roche employees

May 6	PARC Annual Earth Day Event – Request for PA staff to do a “medications take-back” collection. PARC to do pre-event reminders to employees	Tabling event & collection
May 16	National River Cleanup Day – Matadero and San Francisquito Creeks cleaned in cooperation with the Santa Clara Valley Water District (PA also gave a composting class the same morning)	Coordinated volunteer cleanup event
May 19	BAPPG “No Drugs Down the Drain” Event & Training , held in Oakland. 6 speakers.	Training
May 20	SMCO Inspector Training Workshop - Margaret Zittle did presentation on Automotive Businesses Inspections	Workshop
May 26	Palo Alto Ace Hardware store – Master Gardener Annie Joseph provided a training class at the store	Training
June 1	OWOW pesticide training – Annie Joseph provided the Palo Alto SummerWinds staff an updated version of the training.	Training
June 4	BAPPG Pollution Prevention Training –Given to all agencies interested in outreach ideas for poll. prevention, how to monitor and track pollution metrics, dental amalgam program, supporting product stewardship initiatives.	Conference, Training, sharing of outreach literature
June 8	OWOW pesticide training - Annie Joseph provided the Mt. View SummerWinds Garden store staff a training.	Training
July 31	Outreach table with Annie and Maree (PA) at the Summer Winds Garden Center promoting the OWOW program, offering gardening help & helping customers purchase better pest control products.	Informational IPM event (self initiated)
Aug 4	National Night Out event with PAPD: Visited several block parties in various parts of PA	Yearly national event with police/fire officers & city staff
9/12/09	Whole Foods Coastal Cleanup Info. Table – had small table inside PA Whole Foods store on Sat. AM. Attempted to generate interest about the event!	Informational Outreach tabling event
9/17/09	25th Anniversary Coastal Cleanup Party at Pier 39. Hosted by <i>Save the Bay</i> Organization	Anniversary event for Volunteer Coordinators
9/19/09	Coastal Cleanup Day – National volunteer event with a lot of media attention. PA did cleanup at 4 creeks.	Nationwide Community Volunteer event
9/21/09	No Drugs Down the Drain week – regional event. All drugstores in PA provided with tear-off pads to give to customers with information for unwanted medications disposal at the RWQCP.	Informational Outreach done to local pharmacies

p/24/09	Employee Health Fair – held at City Hall for PA employees	Focus on turning in old medications
10/18/09	Muslim Eco and Green Fair – SCVURPP's event	Green Fair tabling event for Muslim Community
10/1/09	Family Resources Ambassador Development Program – Two staff from the RWQCP to be in program for 2009/2010	Community Resource Program
11/6/09	Sewer Science Classes for 7th graders at Jordan Middle School. Assisted Jan with 3 classes.	School Outreach Program

Appendix 9-1

C.9.a City of Palo Alto Integrated Pest Management Policy

INTEGRATED PEST MANAGEMENT POLICY

POLICY STATEMENT

The City of Palo Alto will carry out its pest management operations using reduced-risk IPM techniques to reduce or eliminate chemicals to the maximum extent. Chemicals will be used only as a last resort for pest management problems. Each division that applies pesticides will maintain an active IPM plan to ensure the long-term prevention or suppression of pest problems with minimum negative impact on human health, non-target organisms, and the environment.

The City will actively pilot non-toxic alternatives for structural and landscape pest control, seeking to use the most recent technology, best management practices and least toxic methods for all pest control measures.

The City will use appropriate venues to educate staff and the public about its IPM commitment in an effort to role model less toxic approaches to structural and landscaping pest control.

PROCEDURE

The City will refer to its Integrated Pest Management Plan for implementation of policy goals.

NOTE: Questions and/or clarification of this policy should be directed to the Public Works Department.

Appendix 9-2

C.9.b 2009 City of Palo Alto Integrated Pest
Management Report

City of Palo Alto

2009 IPM Program Report

February 8, 2010

Background

In 2001, the City of Palo Alto adopted a reduced-risk pest management policy and drafted an Integrated Pest Management (IPM) plan for the use of pesticides by City staff and contractors.

The goals of the IPM program are to:

- minimize water quality impacts from pesticide-related ecotoxicity;
- minimize total pesticide use; and
- use the least toxic pesticides when pesticides are needed.

These goals are to be achieved through an annual quantification of the City's pesticide use and continual improvement of pest control strategies.

Integrated pest management (IPM), also known as reduced-risk pest management, encourages long-term pest prevention and suppression through a combination of techniques including: biological controls, habitat manipulation, use of resistant plant varieties, improved landscape and building hygiene, and structural repair and pest barriers. IPM sanctions synthetic chemical pesticides only as a last resort, and only with the least toxic chemicals available. While the City of Palo Alto has used these principles for many years, additional storm water protection regulatory requirements resulted in a more formal, structured IPM program. It should be noted that non-chemical controls, were in place before quantification of pesticide use began in 2001, so that reductions in the use of some pesticides have been greater over the long term than the data indicates.

To evaluate the chemical toxicity of chemicals used, a tiered system is used¹ (based on a City of San Francisco study) which considers (1) acute human toxicity and chronic health risks; (2) the level of training required to use the product; (3) inclusion of a chemical on the Clean Water Act 303d list for impairment of a local water body; (4) environmental toxicity; and (5) a chemical's persistence and mobility in soil. Tier 1 chemicals are of highest concern, Tier 2 are of moderate concern, and Tier 3 are of lowest concern. To be identified as a Tier 1 chemical, a product needs to be identified as high risk with regard to only one of the five criteria above.

A primary focus of the City's IPM program is to identify and reduce the use of a subset of Tier 1 pesticides that exhibit ecotoxicity. Ecotoxicity, for this report, is defined as toxicity to birds, fish, bees, and aquatic indicator species, and potential secondary or non-target poisoning from consumption of rodent baits based on product MSDSs and other resources.

This 2009 update summarizes the year's successes and challenges, reports on the City's 2009 pesticide use data, discusses program accomplishments and progress on the 2008 report recommendations, and makes 2010 project recommendations.

¹ See Appendix I: Evaluation and Rating of Pesticide Toxicity Risk

Summary of 2009 Program Achievements and Pesticide Use Changes

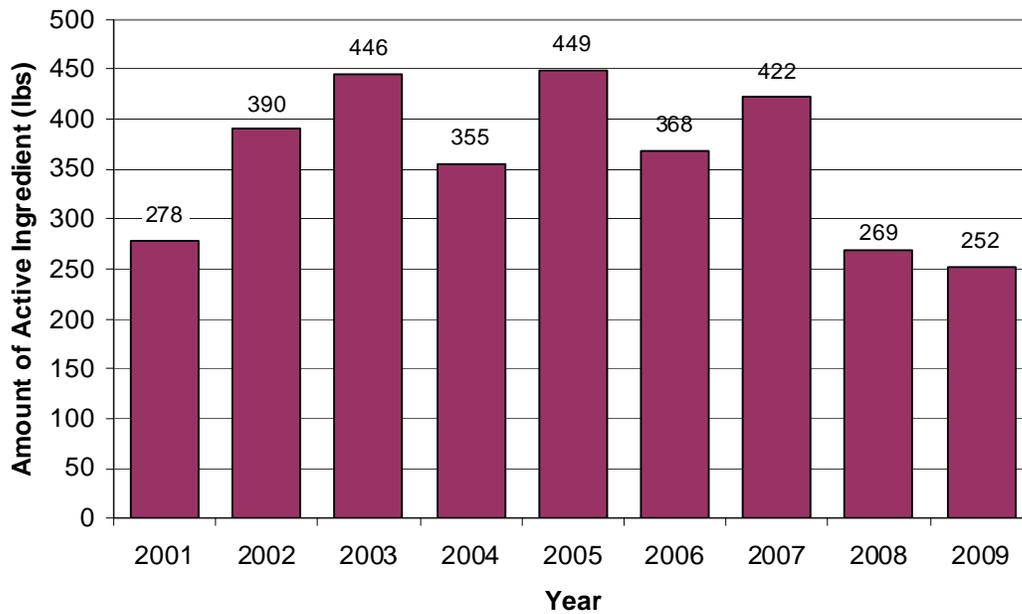
- 1.** The City's total active ingredient and ecotoxic pesticide use decreased to historically low levels since the program's inception in 2001. Ecotoxic pesticides use fell by 43% which is significant because ecotoxicity reduction is the primary driver of the City's pesticide reduction efforts.
- 2.** The golf course implemented a successful perimeter trapping program for gophers. This action significantly reduced the use of ecotoxic rodenticides. Trapping has proven to be better at controlling gopher populations than the chemical controls used in previous years.
- 3.** The Parks Department launched a pesticide-free park program that began with Sarah Wallis Park. One or two parks will be added each year as funding allows, alternating between north and south Palo Alto.
- 4.** Language for a new Landscape Maintenance Contract was updated to include requirements for Bay Friendly techniques (which supports IPM), the use of organic fertilizers and IPM requirements. The contract will be awarded in 2010 and an update on its impacts will be provided in the 2010 IPM Report.

2009 Pesticide Use Information

1. Total Active Ingredient Use Trends

Total active ingredient use decreased by 17 pounds (6%) in 2009 because of a reduction in use of aluminum phosphide, flutolanil and imazypyrr.

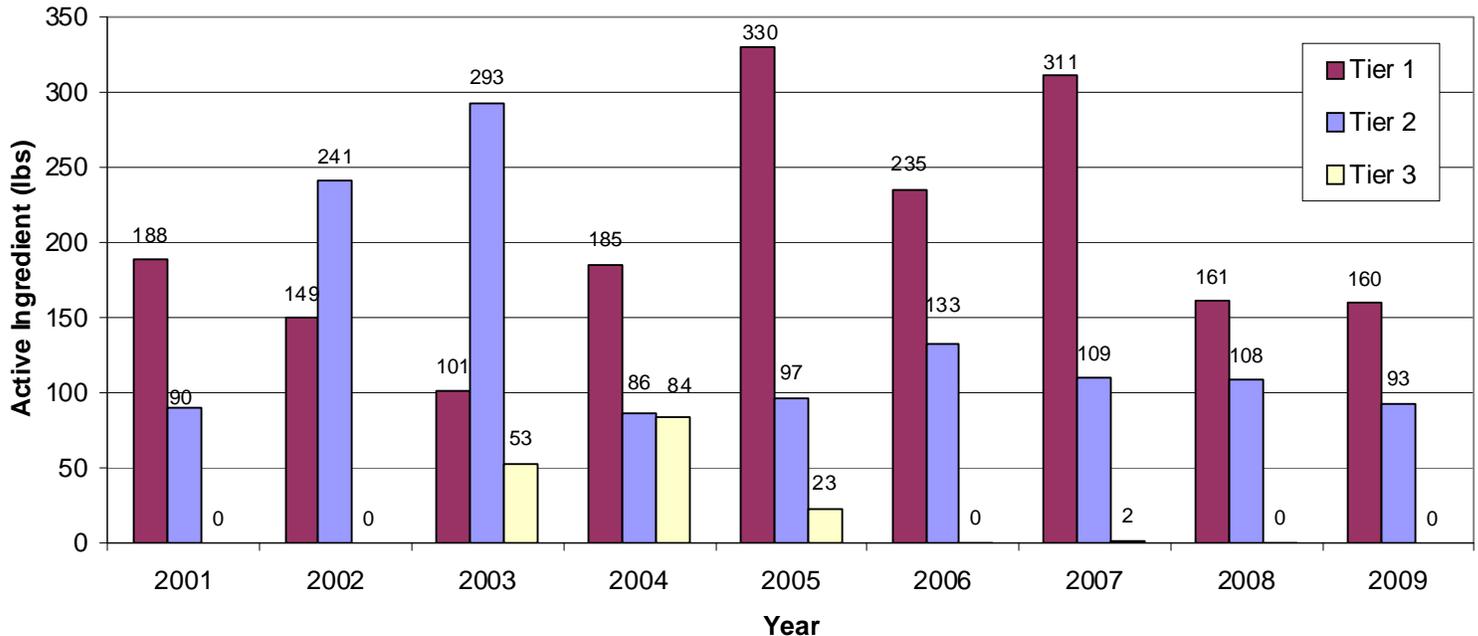
Figure 1: Total Pesticide Active Ingredient Use by Year (2001-2009)



2. Tier 1-3 Pesticide Use

The City's use of Tier 1, 2, and 3 pesticides for calendar years 2001 through 2009 is displayed in Figure 2. Figures 3 through 6 provide annual pesticide use, by tier, for controlling fungus, rodents, weeds, and insects, respectively.

Figure 2: Tier 1, 2, and 3 Pesticide Use by Year (2001 – 2009)



Tier 1 Pesticide Use

In 2009, total Tier 1 use remained almost identical to the previous year—one pound less of Tier 1 active ingredient was used in 2009. A decrease of 36 pounds of aluminum phosphide and imazapyr was offset by a 43 pound increase in Mancozeb use.

Tier 2 Pesticide Use

Tier 2 pesticide use decreased by 15 pounds largely because of 14 pounds less flutolanil (ProStar) applications. Fludioxonil (Medallion), flutolanil (ProStar), and glyphosate (Roundup) comprised 92% of the Tier 2 pesticides used in 2009. The use of Roundup herbicide decreased slightly in 2009 but has reduced by 81% from the peak level of 2003 due to heavy mulching and mechanical weed removal. Total herbicide use is at an historical low.

Tier 3 Pesticide and non-chemical controls

Tier 3 products were not used in 2009, but non-toxic pest control measures which are favored over Tier 3 product use continue to expand. Non-chemical controls include power washing for tree pests, mulching to reduce weeds, structural repairs to deter ants and mice, and trapping for gophers.

Toxicity of Pesticides Used for Key Pests

A majority of the Tier 1 pesticides are used for controlling fungi, rodents and insects. Most Tier 2 pesticides are for weed control. Most Tier 3 products have been used for insect or weed control.

Figure 3: Summary of pesticides used to control fungus

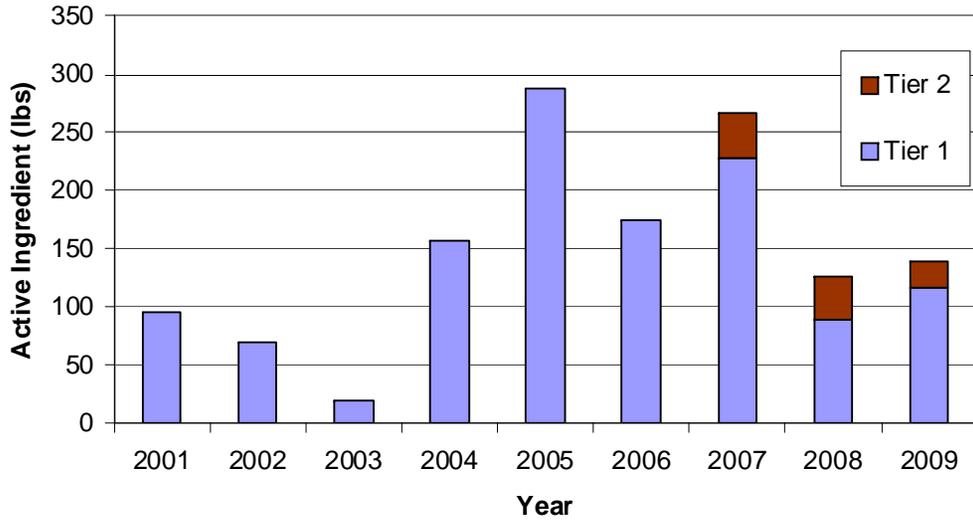


Figure 4: Summary of pesticides used to control rodents

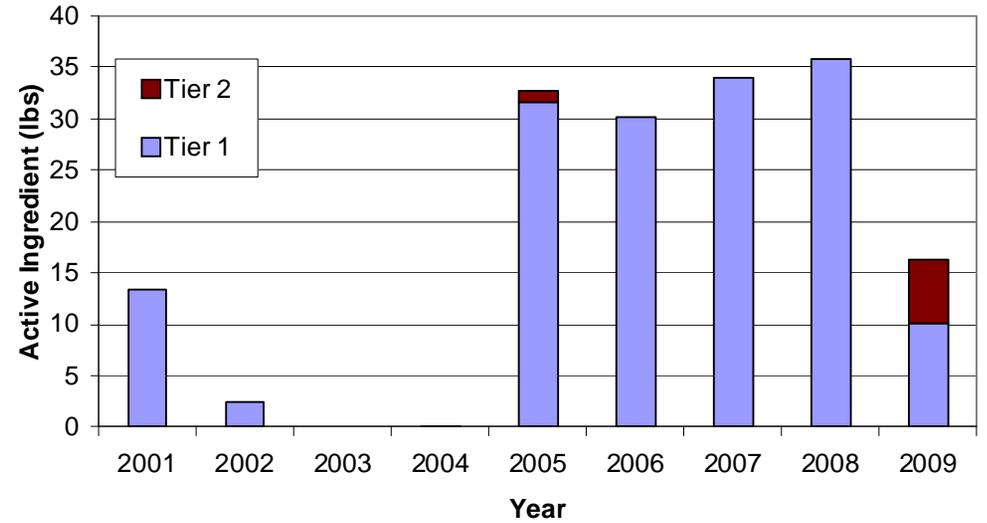


Figure 5: Summary of pesticides used to control weeds

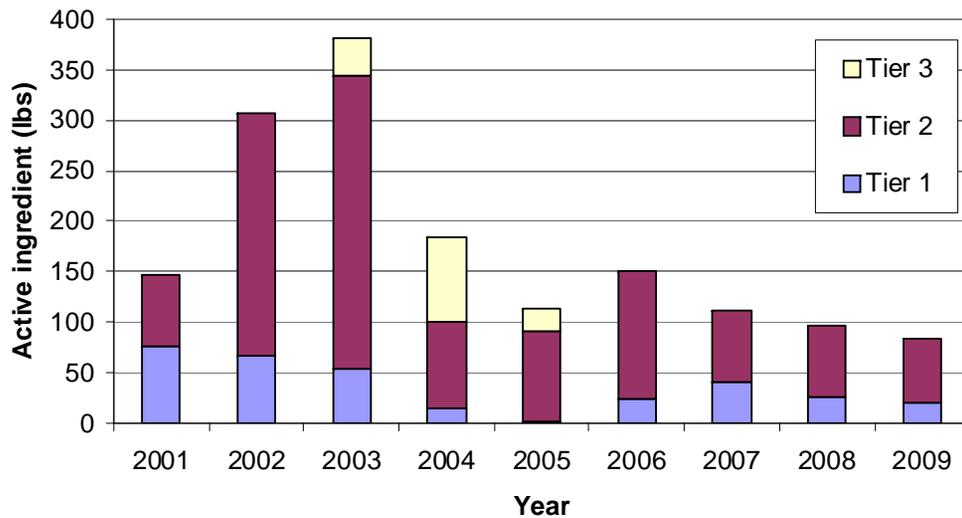
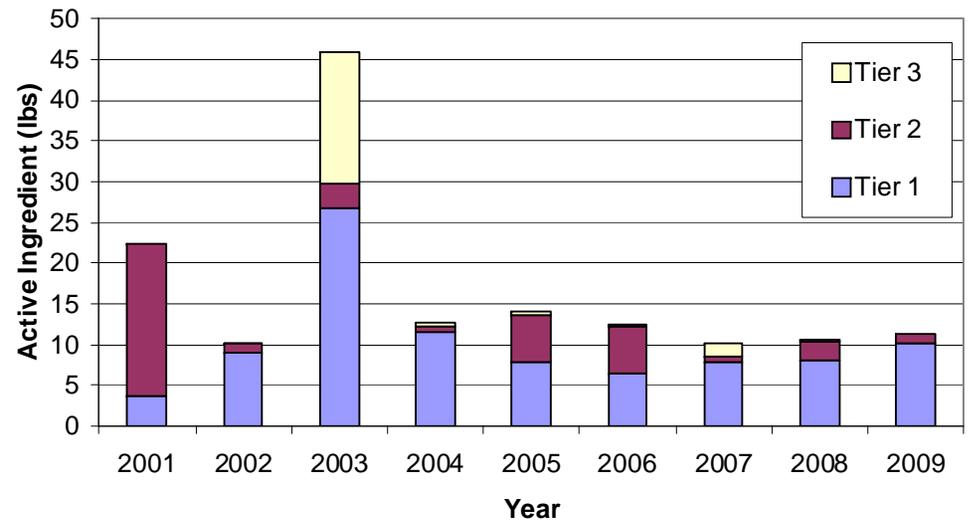


Figure 6: Summary of pesticides used to control insects



Top five active ingredients used by weight

Figure 7 presents the five most-used pesticide active ingredients by weight for 2009. Mancozeb, aluminum phosphide and imidacloprid are Tier 1 pesticides. Flutolanil and glyphosate are Tier 2 pesticides.

Figure 7: Top Five Pesticides Applied by Weight

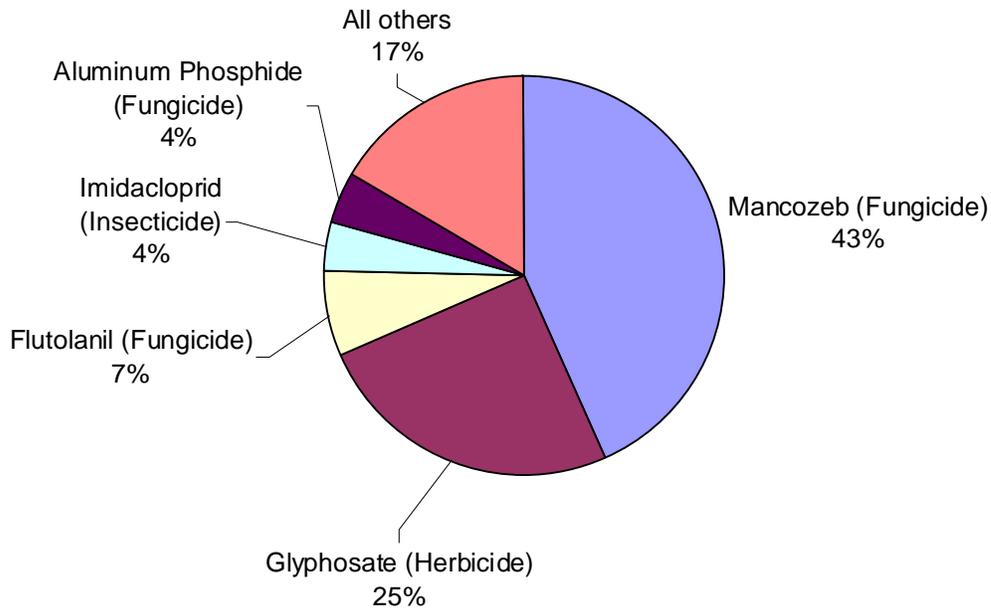


Figure 8: Usage History for 2009 Top Five Active Ingredients

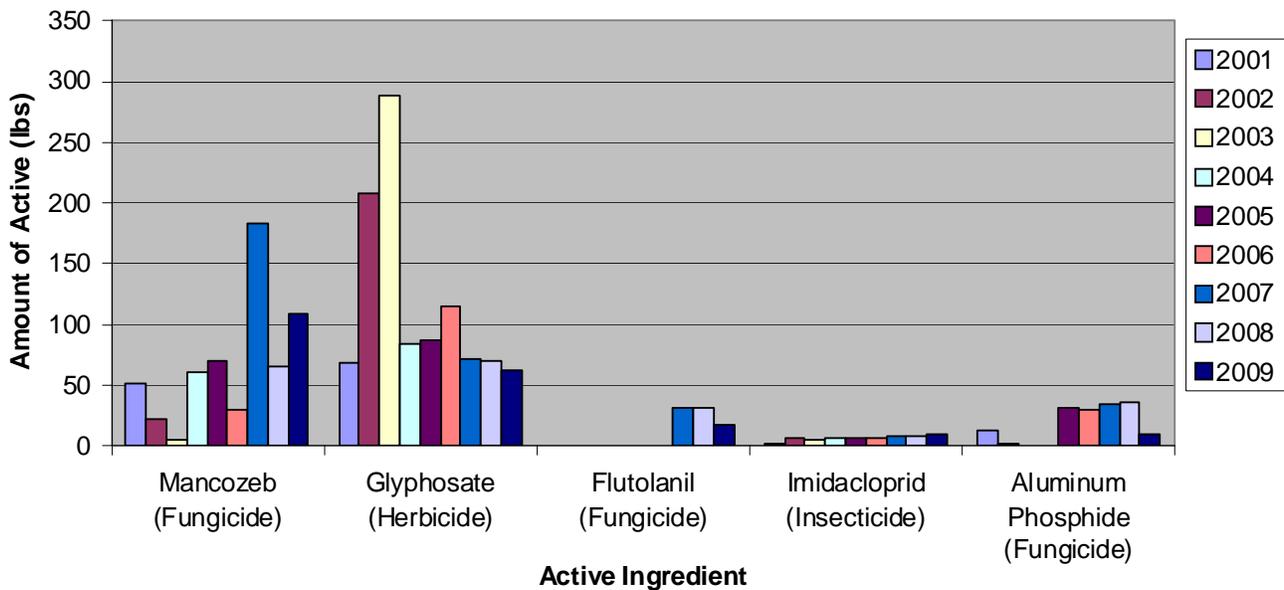


Table 1: 2009 Change in Top Five Active Ingredient Usage						
Active Ingredient	Tier	2008	2009	Amount Changed (lbs)	Percent Change	Location Used
Mancozeb (Fungicide)	1	66	109	43	64%	Golf Course
Glyphosate (Herbicide)	2	69	63	-6	-9%	Parks, PWD Operations-Trees
Flutolanil (Fungicide)	2	32	18	-14	-44%	Golf Course
Imidacloprid (Insecticide)	1	8	10	2	24%	Trees
Aluminum Phosphide (Fungicide)	1	36	10	-26	-72%	Open Space–Foothills Park

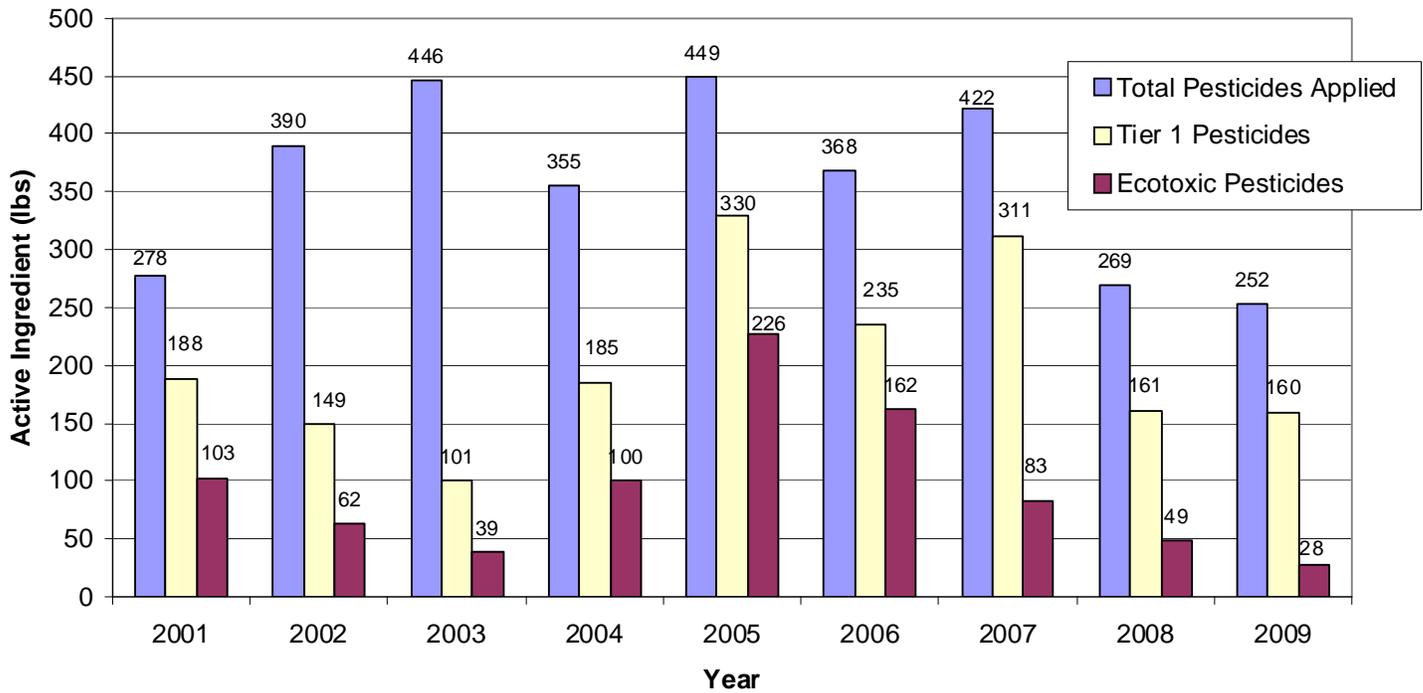
Ecotoxic Pesticide Use in 2009

The primary driver of the City’s IPM policy and plan is the avoidance of ecotoxicity in water bodies from pesticide use. Ecotoxicity, for this report, is defined as toxicity to birds, fish, bees, and aquatic indicator species, and potential secondary or non-target poisoning from consumption of rodent baits based on product MSDSs and other resources. Ecotoxic pesticides are a subset of Tier 1 pesticides as described previously in this report. A product’s potential ecotoxicity does not necessarily mean an immediate threat to the environment; how, where, and when the pesticide is applied and the product’s breakdown time are all factors in its ultimate environmental impact.

Factors to consider:

- Some product formulations use procedures that restrict product entry into the environment, such as containerized ant baits and dusts (applied in wall cracks and crevices).
- Conversely, even small amounts of some pesticides such as non-containerized pyrethroids (e.g., bifenthrin, cyfluthrin, delta-methrin) usually associated with sprayed ant pesticides, should be targeted because of their persistent toxicity in urban creek and Bay sediments when rain or irrigation washes them from surface areas into waterways.
- Pesticides not identified by the EPA as known ecotoxins are not free of risk. Proprietary inert ingredients and synergistic effects of multiple pollutants may still impact water quality and for that reason, large amounts of use of any single product are warranted for potential reduction.

Figure 9: Total Active Ingredient, Tier 1 and Ecotoxic Pesticide Use (2001-2009)



Ecotoxic pesticide use trends

In the first three years of Palo Alto’s IPM program, the recorded use of ecotoxic and other Tier 1 active ingredients decreased because of expanded use of non-chemical and less toxic pesticide controls, a suspended use of some products while the goals of the City’s IPM program were clarified, and because not all information was able to be captured from contractors. In 2004 and 2005, ecotoxic pesticide use increased because of weather conditions which resulted in the need for more fungicide use at the golf course, but then decreased from 2006 to 2008 because of less PCNB and thiophanate-methyl use and because the Tier 2 fungicides fludioxonil (Medallion) and flutolanil (Pro Star) were rotated into the suite of fungicides used throughout the year.

In 2009, the golf course helped reduce the City’s ecotoxic use further by switching to trapping for gophers in lieu of chemical controls. This reduced the City’s ecotoxic pesticide use to 28 pounds, the lowest number in the program’s history.

Rodents (gophers and ground squirrels), insects and weeds now pose a similar challenge in terms of which pests currently prompt the use of ecotoxic pesticides.

Rodenticides for rats and mice are essentially no longer in use because of structural repairs that Facilities Division has made, and because the City’s structural pest control provider does not use bait for mice or rats. The expanded gopher trapping in 2009 was very successful and Open Space plans to use more trapping for their gopher problem in 2010. Staff anticipates that rodenticide use will continue to decrease because of these efforts.

Insecticides used to control insect tree pests comprised 36% of the City’s ecotoxic pesticide use in 2009, but these products are injected into the ground around tree roots and pose minimal threat to surrounding areas. Less than one percent of one additional ecotoxic pesticide is applied to tree foliage.

Approximately 28% of the City’s ecotoxic pesticides are used for weed control at the golf course. Staff will investigate alternative control measures in 2010.

Table 2: Locations of Ecotoxic Pesticide Use in 2009 and Potential for Reduction			
Division	Active Ingredient	Percent of Ecotoxic product used and pest	Opportunity for Reduced Use
Operations-Trees	Imidacloprid (Merit)	36% (10.20 lbs) Insects	Low. Action: Staff has already significantly increased power washing to control insects and incorporates many IPM measures into tree pest management. Imidacloprid is injected into ground around tree roots and thus greatly minimizes potential release to surrounding environment.
Open Space/foothills	Aluminum Phosphide (Fumitoxin)	36% (10.18 lbs) Gophers	Moderate. Action: Staff will experiment with perimeter trapping in 2010 to reduce rodenticides.
Golf course	Mecoprop-P, Diacamba, carfentrazone-ethyl, 2,4-D 2-Ethylhexyl Ester * (Speedzone)	27% (7.54 lbs) Weeds	Low Action: Weeds are difficult to control because of high standards for golf course playability and turf stress.
Golf course	Clopyralid, Monoethanolamine Salt (Lontrel Turf and Ornamental)	1% (0.37) Weeds	Moderate Action: Staff will investigate alternatives for golf course weeds control.
Trees	Spinosad (Conserve)	<1% (0.02) Insects	Low A very small amount of this product is used each year and not considered a priority active ingredient to target for reduction.

**These four active ingredients are all used in one product. Their weight has been totaled together for ease of review*

**Table 3: Progress on 2009 Recommendations for
City of Palo Alto IPM Program**

Recommendation	Status
1) Follow and encourage the success of perimeter trapping for gopher and ground squirrels.	Perimeter trapping has proved hugely successful and has greatly reduced the gopher population at the golf course, leading to a subsequent 72% reduction in aluminum phosphide use. The golf course plans to continue using perimeter trapping and is exploring trapping options for ground squirrels which should also further reduce rodenticide use.
2) Set up initial meeting with Department of Fish and Game, Berkeley biologist and City staff to explore reintroduction of native weasels to City property.	A meeting was held with Open Space, Environmental Compliance and Dr. Gilbert Proulx. Open Space is considering if and when a reintroduction could proceed and will be the lead for this action.
3) Track and support as appropriate the expansion of EcoWise Certified into a program that is adopted and managed by the Structural Pest Control Board.	EcoWise has been adopted by the Biointegral Resource Center and has funding for 2010. Its primary goal is to make EcoWise self-supporting and to continue as a third-party IPM certifier to companies and practitioners. Outreach on EcoWise Certified could be done in 2010, although if future program funding fails it may seek sponsorship of another organization in the following year.
4) Go out for bid for next three-year structural pest control contract emphasizing EcoWise Certified requirements.	Revisions to the contract language were made. The contract will be awarded in early 2010.
5) Advocate and publicize the use of bee tunnels.	Outreach was conducted through a tour. Sharing this IPM strategy will continue periodically.
6) Explore the timing for inclusion of IPM language into landscape maintenance contracts.	Environmental Compliance staff suggested changes to the Landscape Management Contract which will be awarded in 2010. Parks staff anticipates that a majority, if not all, of the ECD suggestions will be incorporated into the new contract. Changes include: a preference to have Bay Friendly Certified landscapers, increased mulching and organic fertilizer usage.
7) Investigate the possibility of having a pesticide-free park or demonstration site in the City.	The Parks Department successfully launched its first pesticide-free park at Sarah Wallis Park. The Parks Department plans to add one or two additional parks to the list of those that don't use pesticides each year as funding allows.

IPM Program History 2001-2009

Accurately assessing the success of the City's efforts to reduce pesticide use and use least toxic products is difficult when relying solely on yearly numerical fluctuations in pesticide use. Variations in weather patterns, natural pest population cycles, and challenges associated with quantifying pest control efforts that use biological or mechanical controls in lieu of pesticides are all important considerations. The following are a summary of key Palo Alto IPM accomplishments to date:

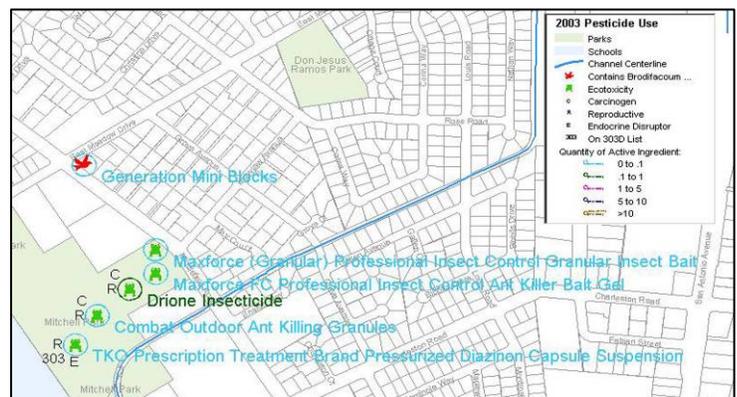
2001

- IPM policy is the first City Policy in the County to be adopted. The IPM Committee drafts the IPM Plan and Procedures.
- A tiered system for analyzing City pesticide use is adopted and the first annual report on the City's pesticide use is completed.
- IPM Committee votes to discontinue use of organophosphate pesticides due to water quality concerns associated with their use.
- Solarizing non-native plants at Pearson-Arastradero Preserve (weeds are covered in plastic tarps and destroyed by heat).
- Mechanical removal of weeds in Open Space Ponds
- Bermuda grass replaces bent grass at bowling green to reduce need for pesticides.
- City begins mulching in lieu of glyphosate use to control weeds (both pre and post emergent). Mulching becomes a significant contributor to the reduction of herbicide use in the City.
- Herbicide spraying discontinued at schools due to Healthy Schools Act.



A visual barrier installed at the golf course decreased ground squirrel damage by 100%.

GIS view of pesticide application next to Adobe creek



2002

- Completed five extensive IPM plans and related training for ants, weeds, yellowjackets gophers and ground squirrels.
- Identified all leased facilities and contractors for inclusion in the City's annual pesticide reports.

2003

- City receives Department of Pesticide Regulation IPM Innovator award <http://www.cdpr.ca.gov/docs/ipminov/awards/03awards.htm>
- Piloted new methods to reduce yellow jackets in Parks and Open Space.
- Piloted gopher reduction strategies at Foothills Park using trapping as a primary method.

- In partnership with Santa Clara County Airport and Baylands and golf course Staff implemented two new measures to reduce ground squirrel populations
 - a. The installation of a visual barrier hung along the golf course/airport fence line to decrease the ground squirrels' ability to see predators and thus reduce activity.
 - b. a trap design around Baylands buildings that can capture up to four ground squirrels at a time.



Goats are used to reduce weeds at Enid Pearson Arastradero Open Space Preserve.

2004

- Created pesticide data entry system using a centralized database and simplified reporting interface. This streamlines staff reporting time and allows staff to also print mandatory monthly DPR reports.
- Transferred pesticide use information in database to GIS format allowing for visual assessment of pesticide applications next to creeks and the Bay.
- Use of goats in Open Space areas to control weeds proves successful (reintroduction of goats to this area is on hold due to mountain lion concerns in that area).



A bee tunnel is installed over a bee hive in a public parking lot.

2005

- Scope of Services for City wide IPM contract drafted. RFP to go out in 2006.
- Less toxic, botanically-based insecticides ordered for Facility staff use and related *Approved Pesticide List* for Facilities and staff at the Regional Water Quality Control Plant who are responsible for their own pest control
- Confirmed pesticide reduction hierarchy

2006

- Hired EcoWise Certified structural pest control company to service all City facilities (Pestec)
- Identified less toxic fungicide alternatives
- Provided mini grants (<\$5,000) to golf course and Art Center for structural pest control.
- Improved the City's database system.

2007

- Implemented EcoWise Certified contractor service into City operations and consolidated related billing and service levels.
- Completed 50% of recommended building repairs to reduce overall conditions that encourage pest activity.
- Tested two Tier 2 fungicide alternatives.



Dr. Gilbert Proulx provides information on gopher biology and trapping.

- Held two region-wide trainings for IPM structural pest control

2008

- Medallion and Prostar, two Tier 2 fungicides, were incorporated into ongoing use at the golf course.
- A gopher and ground squirrel workshop was held inspiring staff to experiment with the use of perimeter trapping to control these animals.
- The City's contractor, Pestec, identified a method of rerouting bees that are entering and exiting their hives away from people when human/bee interface is likely. Staff developed a public education piece and internal protocol for responding to bee complaints.
- Completed structural building repairs identified in 2007 needed for ant and rat control.
- Public Works Trees incorporates power washing to remove tussock moths from trees in City parks.

2009

- Perimeter trapping proved hugely successful and reduced aluminum phosphide use by 72%.
- The Parks Department launched its first pesticide-free park at Sarah Wallis Park.
- IPM language was added to parks maintenance contract.
- Palo Alto ecotoxic and total active ingredient pesticide use the lowest in program history.

2010 Recommendations for City of Palo Alto IPM Program

Based on analysis of 2009 data

Staff recommends that the City continue to target the reduction of ecotoxic pesticides and those that are used in large amounts. These recommendations factor in reduced funding and staff resources from previous years' budget reductions. Specific task recommendations are to:

1. Continue to follow and encourage the success of perimeter trapping for gophers.
2. Explore options for ground squirrel control to further reduce ecotoxic pesticide use.
3. Track and support as appropriate the expansion of EcoWise Certified.
4. Advocate and publicize the use of bee tunnels.
5. Track the addition of pesticide-free parks in the City and the results of adding IPM language into landscape maintenance contracts.
6. Investigate IPM and less-toxic product alternatives for weed control at the golf course.

Appendix I: Evaluation and Rating of Pesticide Toxicity Risk

1. Information sources for pesticide evaluation

Information used to evaluate hazards are obtained from the sources listed in Table 1 below:

Information	Source
Product Literature	Crop Data Management Systems Website
Product MSDS	Manufacturers' Websites
Product Label	Calif. DPR Website
<i>Other Manufacturers' Data</i>	EPA Reregistration Eligibility Decisions (R.E.D.) Website
Registration Documents	
Ingredient Data	EPA & Other Websites Toxicology Literature
Specific Product Risk Ratings	San Francisco & Seattle IPM Websites

2. Defining pesticide risks. Three factors define the overall risk:

- a) **The level of hazard inherent in the chemical.** Some pesticide ingredients can cause immediate, acute injury (e.g., eye irritation), while others may take years for their toxic effects to be seen (e.g., cancer).
- b) **The level of exposure that the user, near-by person, or the environment might incur.** For example, consider a rat poison contained in a tamper-resistant trap, versus that same rat poison in pellet form spread on the ground next to a building foundation.
- c) **The susceptibility of the exposed person or animal to the hazard.** For example, people with asthma may be more susceptible to air-born chemicals. Also, children, the elderly, or people recovering from an illness may each have a somewhat lesser tolerance to chemical exposures than would an average healthy adult.

3. Qualifying the criteria used to define pesticide risks

There are several dozen chemical hazards and exposure issues that can be used to evaluate the overall risk of individual pesticides. Examples include: toxicity to humans and animals; potential to cause cancer; use in a sprayer versus sprinkling as a powder; and flammability.

The US Environmental Protection Agency (EPA) and California Department of Pesticide Regulation (DPR) routinely evaluate the top 20 or so of these criteria when making decisions

about registering pesticide products. The Cities of San Francisco and Seattle use similar criteria as part of their IPM programs. RWQCP staff primarily use the San Francisco criteria list in reviewing pesticides used in Palo Alto. The risk evaluation criteria are described below: These descriptions are adapted from extensive reports that are available on the San Francisco and Seattle IPM websites.

- a) EPA Hazard Class - “Signal Words” are required by US EPA on pesticide labels to indicate the overall hazard category for a product, based on acutely toxic effects. Listed from most to least hazardous, the signal words are: I-Danger, II-Warning, III-Caution, or IV-Caution. It is preferable to use pesticides labeled as “Caution.”
- b) Use Restricted to Certified Applicators – Some products evaporate easily, are easily absorbed through skin, or have other characteristics that make them a high risk to untrained users. The EPA designates in its registration decisions which products are to be used only by a certified applicator. It is preferable to use products that have no use restrictions.
- c) Chronic Toxicity – Longer term tests on active pesticide ingredients indicate their likelihood of causing cancer, reproductive or developmental harm, or disruption of hormone systems. There is uncertainty in evaluating animal tests of these types, and how to apply the results to humans. Therefore, the results will be stated as probabilities, e.g., iprodione is a “probable human carcinogen,” or iprodione is “known to the State of California to cause cancer and reproductive harm.” It is preferable to avoid pesticide products that have a possibility of causing cancer, reproductive or developmental harm, or disrupting hormone systems.
- d) Contains Clean Water Act (303d) Listed Chemicals – Copper, chlorpyrifos, and diazinon are three pesticide ingredients managed under the Clean Water Act. The City has a stated policy of not using products with diazinon or chlorpyrifos.
- e) Ecotoxicity (Animal Toxicity) – Laboratory tests on birds, fish, bees, and other wildlife indicate how these animals may react to unintended pesticide exposures (i.e., where they are not the pest being dealt with). As described above for acute oral toxicity, the test results are given in terms of the dose that kills half of a group of birds, fish, or other test animals. It is preferable to use pesticides with the following toxicity levels:
 - Bird toxicity > 2,000 mg/kg
 - Fish toxicity > 100 mg/l
 - Bee toxicity > 11 µg per bee
- f) It is preferable to avoid products that are labeled as “highly” or “extremely” toxic to these and other animals. Brodifacoum, Bromadionone and Bromethalin are considered specific high-risk animal toxins, particularly due to the possibility of secondary poisonings. In addition there are concerns about two rodenticides, chlorphacinone and diphacinone, which although less toxic, also present primary and secondary risks.
- g) Persistence and mobility in soil – Many pesticides biodegrade readily, and tend to remain in the area where they are placed. Other products persist in the environment, and tend to move through soil into the groundwater or a near-by stream. It is preferable to use pesticides with the following characteristics:

- Persistence in soil < 30-day half-life
- Ability to move through soil = “Low”
- Not labeled as a groundwater contamination hazard

4. Rating Pesticide Toxicity The City of Palo Alto uses the San Francisco strategy of placing pesticides into groups, or tiers, according to their relative risks. Table 2 outlines the four tiers that are used, and the criteria that place a product into a specific tier.

Table 2. Pesticide “Tier Definition” System

All pesticide products are classified into one of four tiers based on each product’s hazards:

Tier 1: Highest concern

Tier 2: Moderate concern

Tier 3: Lowest concern

Tier 4: Insufficient information

Tier 1: A product is Tier 1 if any one of the following are true:

- Product is a restricted-use pesticide
- Product contains known, likely, or probable carcinogens, reproductive toxicants (CA Prop 65 list or other published test) or endocrine disruptors as active ingredients (Illinois EPA list, or other published test results)
- Product contains diazinon, chlorpyrifos, or copper, identified as important causes of impaired waterbodies in California Regions 2 and 5 under section 303(D) of the Clean Water Act
- Product labeled as highly toxic or extremely toxic to birds, aquatic species, bees, or wildlife.
- Product contains the rodenticides brodifacoum, bromethalin, or bromadionone
- Product contains active ingredients with soil half-lives greater than 100 days (not applicable to products used only indoors or to products used only in bait stations)
- Product contains active ingredients with mobility ratings high or very high or with specific label warnings about groundwater hazard. (not applicable to products used only indoors or to products used only in bait stations)

Tier 2: All products not specifically assigned to Tier 1 or Tier 3.

Tier 3: A product is placed into Tier 3 if all of the following are true:

- Product contains no possible or probable carcinogens
- Product contains no reproductive/developmental toxicants (CA Prop 65 list)
- Product contains no ingredients listed by Illinois EPA as known, probable, or suspect endocrine disrupters
- Active ingredient has soil half-life of 30 days or less (exception for minerals)
- Active ingredient has extremely low or very low mobility in soils.
- Product is labeled as non-toxic to fish, birds, bees, wildlife, or domestic animals.

Tier 4: Not enough information. Product registration or label not found, or key data not located for active ingredient (e.g., half-life, soil binding, ecotoxicity, etc.)

Appendix 9-3

C.9.d City of Palo Alto IPM Contract Language

CITY OF PALO ALTO CONTRACT NO.: S10134890

**AGREEMENT BETWEEN THE CITY OF PALO ALTO AND
AGURTO CORPORATION DBA PESTEC
FOR PROFESSIONAL SERVICES
IPM STRUCTURAL PEST CONTROL**

This AGREEMENT is entered into on this 15th day of March, 2010, by and between the CITY OF PALO ALTO, a California chartered municipal corporation ("CITY"), and Agurto Corporation dba Pestec, a Californian corporation, located at 1555 Yosemite Avenue, Suite 46, San Francisco, CA 94124 ("CONSULTANT").

RECITALS

The following recitals are a substantive portion of this Agreement.

- A. CITY intends to design a citywide Integrated Pest Management (IPM) pest control services ("Project") and desires to engage a consultant to coordinate the IPM program in connection with the Project ("Services").
- B. CONSULTANT has represented that it has the necessary professional expertise, qualifications, and capability, and all required licenses and/or certifications to provide the Services.
- C. CITY in reliance on these representations desires to engage CONSULTANT to provide the Services as more fully described in Exhibit "A", attached to and made a part of this Agreement.

NOW, THEREFORE, in consideration of the recitals, covenants, terms, and conditions, this Agreement, the parties agree:

AGREEMENT

SECTION 1. SCOPE OF SERVICES. CONSULTANT shall perform the Services described in Exhibit "A" in accordance with the terms and conditions contained in this Agreement. The performance of all Services shall be to the reasonable satisfaction of CITY.

SECTION 2. TERM.

The term of this Agreement shall be from the date of its full execution through March 14, 2013 unless terminated earlier pursuant to Section 19 of this Agreement.

SECTION 3. SCHEDULE OF PERFORMANCE. Time is of the essence in the performance of Services under this Agreement. CONSULTANT shall complete the Services within the term of this Agreement and in accordance with the schedule set forth in Exhibit "B", attached to and made a part of this Agreement. Any Services for which times for performance are not specified in this Agreement shall be commenced and completed by CONSULTANT in a reasonably prompt and timely manner based upon the circumstances and direction communicated to the CONSULTANT. CITY's agreement to extend the term or the schedule for performance shall not preclude recovery of damages for delay if the extension is required due to the fault of CONSULTANT.

SECTION 4. NOT TO EXCEED COMPENSATION. The compensation to be paid to CONSULTANT for performance of the Services described in Exhibit "A", including both payment for professional services and reimbursable expenses, shall not exceed Thirty Five Thousand Dollars per year (\$35,000 / year). In the event Additional Services are authorized, the total compensation for services and reimbursable expenses shall not exceed Three Thousand Five Hundred Dollars (\$3,500). The applicable rates and schedule of payment are set out in Exhibit "C-1", entitled "HOURLY RATE SCHEDULE," which is attached to and made a part of this Agreement.

Additional Services, if any, shall be authorized in accordance with and subject to the provisions of Exhibit "C". CONSULTANT shall not receive any compensation for Additional Services performed without the prior written authorization of CITY. Additional Services shall mean any work that is determined by CITY to be necessary for the proper completion of the Project, but which is not included within the Scope of Services described in Exhibit "A".

SECTION 5. INVOICES. In order to request payment, CONSULTANT shall submit monthly invoices to the CITY describing the services performed and the applicable charges (including an identification of personnel who performed the services, hours worked, hourly rates, and reimbursable expenses), based upon the CONSULTANT's billing rates (set forth in Exhibit "C-1"). If applicable, the invoice shall also describe the percentage of completion of each task. The information in CONSULTANT's payment requests shall be subject to verification by CITY. CONSULTANT shall send all invoices to the City's project manager at the address specified in Section 13 below. The City will generally process and pay invoices within thirty (30) days of receipt.

SECTION 6. QUALIFICATIONS/STANDARD OF CARE. All of the Services shall be performed by CONSULTANT or under CONSULTANT's supervision. CONSULTANT represents that it possesses the professional and technical personnel necessary to perform the Services required by this Agreement and that the personnel have sufficient skill and experience to perform the Services assigned to them. CONSULTANT represents that it, its employees and subconsultants, if permitted, have and shall maintain during the term of this Agreement all licenses, permits, qualifications, insurance and approvals of whatever nature that are legally required to perform the Services.

All of the services to be furnished by CONSULTANT under this agreement shall meet the professional standard and quality that prevail among professionals in the same discipline and of similar knowledge and skill engaged in related work throughout California under the same or similar circumstances.

SECTION 7. COMPLIANCE WITH LAWS. CONSULTANT shall keep itself informed of and in compliance with all federal, state and local laws, ordinances, regulations, and orders that may affect in any manner the Project or the performance of the Services or those engaged to perform Services under this Agreement. CONSULTANT shall procure all permits and licenses, pay all charges and fees, and give all notices required by law in the performance of the Services.

SECTION 8. ERRORS/OMISSIONS. CONSULTANT shall correct, at no cost to CITY, any and all errors, omissions, or ambiguities in the work product submitted to CITY, provided CITY gives notice to CONSULTANT. If CONSULTANT has prepared plans and specifications or other design documents to construct the Project, CONSULTANT shall be obligated to correct any and all errors, omissions or ambiguities discovered prior to and during the course of construction of the Project. This obligation shall survive termination of the Agreement.

SECTION 9. COST ESTIMATES. If this Agreement pertains to the design of a public works project, CONSULTANT shall submit estimates of probable construction costs at each phase of design submittal. If the total estimated construction cost at any submittal exceeds ten percent (10%) of the CITY's stated construction budget, CONSULTANT shall make recommendations to the CITY for aligning the PROJECT design with the budget, incorporate CITY approved recommendations, and revise the design to meet the Project budget, at no additional cost to CITY.

SECTION 10. INDEPENDENT CONTRACTOR. It is understood and agreed that in performing the Services under this Agreement CONSULTANT, and any person employed by or contracted with CONSULTANT to furnish labor and/or materials under this Agreement, shall act as and be an independent contractor and not an agent or employee of the CITY.

SECTION 11. ASSIGNMENT. The parties agree that the expertise and experience of CONSULTANT are material considerations for this Agreement. CONSULTANT shall not assign or transfer any interest in this Agreement nor the performance of any of CONSULTANT's obligations hereunder without the prior written consent of the city manager. Consent to one assignment will not be deemed to be consent to any subsequent assignment. Any assignment made without the approval of the city manager will be void.

SECTION 12. SUBCONTRACTING.

CONSULTANT shall not subcontract any portion of the work to be performed under this Agreement without the prior written authorization of the city manager or designee.

CONSULTANT shall be responsible for directing the work of any subconsultants and for any compensation due to subconsultants. CITY assumes no responsibility whatsoever concerning compensation. CONSULTANT shall be fully responsible to CITY for all acts and omissions of a subconsultant. CONSULTANT shall change or add subconsultants only with the prior approval of the city manager or his designee.

SECTION 13. PROJECT MANAGEMENT. CONSULTANT will assign Luis Agurto as the

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project director to have supervisory responsibility for the performance, progress, and execution of the Services to represent CONSULTANT during the day-to-day work on the Project. If circumstances cause the substitution of the project director, project coordinator, or any other key personnel for any reason, the appointment of a substitute project director and the assignment of any key new or replacement personnel will be subject to the prior written approval of the CITY's project manager. CONSULTANT, at CITY's request, shall promptly remove personnel who CITY finds do not perform the Services in an acceptable manner, are uncooperative, or present a threat to the adequate or timely completion of the Project or a threat to the safety of persons or property.

The City's project manager is Mike Wong, Public Works Department, Facilities Division, 3251 East Bayshore Road, Palo Alto, CA 94303, Telephone: (650) 496-6989. The project manager will be CONSULTANT's point of contact with respect to performance, progress and execution of the Services. The CITY may designate an alternate project manager from time to time.

SECTION 14. OWNERSHIP OF MATERIALS. Upon delivery, all work product, including without limitation, all writings, drawings, plans, reports, specifications, calculations, documents, other materials and copyright interests developed under this Agreement shall be and remain the exclusive property of CITY without restriction or limitation upon their use. CONSULTANT agrees that all copyrights which arise from creation of the work pursuant to this Agreement shall be vested in CITY, and CONSULTANT waives and relinquishes all claims to copyright or other intellectual property rights in favor of the CITY. Neither CONSULTANT nor its contractors, if any, shall make any of such materials available to any individual or organization without the prior written approval of the City Manager or designee. CONSULTANT makes no representation of the suitability of the work product for use in or application to circumstances not contemplated by the scope of work.

SECTION 15. AUDITS. CONSULTANT will permit CITY to audit, at any reasonable time during the term of this Agreement and for three (3) years thereafter, CONSULTANT's records pertaining to matters covered by this Agreement. CONSULTANT further agrees to maintain and retain such records for at least three (3) years after the expiration or earlier termination of this Agreement.

SECTION 16. INDEMNITY.

16.1. To the fullest extent permitted by law, CONSULTANT shall protect, indemnify, defend and hold harmless CITY, its Council members, officers, employees and agents (each an "Indemnified Party") from and against any and all demands, claims, or liability of any nature, including death or injury to any person, property damage or any other loss, including all costs and expenses of whatever nature including attorneys fees, experts fees, court costs and disbursements ("Claims") resulting from, arising out of or in any manner related to performance or nonperformance by CONSULTANT, its officers, employees, agents or contractors under this Agreement, regardless of whether or not it is caused in part by an Indemnified Party.

16.2. Notwithstanding the above, nothing in this Section 16 shall be construed to require CONSULTANT to indemnify an Indemnified Party from Claims arising from the active negligence, sole negligence or willful misconduct of an Indemnified Party.

16.3. The acceptance of CONSULTANT's services and duties by CITY shall not operate as a waiver of the right of indemnification. The provisions of this Section 16 shall survive the expiration or early termination of this Agreement.

SECTION 17. WAIVERS. The waiver by either party of any breach or violation of any covenant, term, condition or provision of this Agreement, or of the provisions of any ordinance or law, will not be deemed to be a waiver of any other term, covenant, condition, provisions, ordinance or law, or of any subsequent breach or violation of the same or of any other term, covenant, condition, provision, ordinance or law.

SECTION 18. INSURANCE.

18.1. CONSULTANT, at its sole cost and expense, shall obtain and maintain, in full force and effect during the term of this Agreement, the insurance coverage described in Exhibit "D". CONSULTANT and its contractors, if any, shall obtain a policy endorsement naming CITY as an additional insured under any general liability or automobile policy or policies.

18.2. All insurance coverage required hereunder shall be provided through carriers with AM Best's Key Rating Guide ratings of A-:VII or higher which are licensed or authorized to transact insurance business in the State of California. Any and all contractors of CONSULTANT retained to perform Services under this Agreement will obtain and maintain, in full force and effect during the term of this Agreement, identical insurance coverage, naming CITY as an additional insured under such policies as required above.

18.3. Certificates evidencing such insurance shall be filed with CITY concurrently with the execution of this Agreement. The certificates will be subject to the approval of CITY's Risk Manager and will contain an endorsement stating that the insurance is primary coverage and will not be canceled, or materially reduced in coverage or limits, by the insurer except after filing with the Purchasing Manager thirty (30) days' prior written notice of the cancellation or modification, CONSULTANT shall be responsible for ensuring that current certificates evidencing the insurance are provided to CITY's Purchasing Manager during the entire term of this Agreement.

18.4. The procuring of such required policy or policies of insurance will not be construed to limit CONSULTANT's liability hereunder nor to fulfill the indemnification provisions of this Agreement. Notwithstanding the policy or policies of insurance, CONSULTANT will be obligated for the full and total amount of any damage, injury, or loss caused by or directly arising as a result of the Services performed under this Agreement, including such damage, injury, or loss arising after the Agreement is terminated or the term has expired.

SECTION 19. TERMINATION OR SUSPENSION OF AGREEMENT OR SERVICES.

19.1. The city manager may suspend the performance of the Services, in whole or in part, or terminate this Agreement, with or without cause, by giving ten (10) days prior written notice thereof to CONSULTANT. Upon receipt of such notice, CONSULTANT will immediately discontinue its performance of the Services.

19.2. CONSULTANT may terminate this Agreement or suspend its performance of the Services by giving thirty (30) days prior written notice thereof to CITY, but only in the event of a substantial failure of performance by CITY.

19.3. Upon such suspension or termination, CONSULTANT shall deliver to the City Manager immediately any and all copies of studies, sketches, drawings, computations, and other data, whether or not completed, prepared by CONSULTANT or its contractors, if any, or given to CONSULTANT or its contractors, if any, in connection with this Agreement. Such materials will become the property of CITY.

19.4. Upon such suspension or termination by CITY, CONSULTANT will be paid for the Services rendered or materials delivered to CITY in accordance with the scope of services on or before the effective date (i.e., 10 days after giving notice) of suspension or termination; provided, however, if this Agreement is suspended or terminated on account of a default by CONSULTANT, CITY will be obligated to compensate CONSULTANT only for that portion of CONSULTANT's services which are of direct and immediate benefit to CITY as such determination may be made by the City Manager acting in the reasonable exercise of his/her discretion

19.5. No payment, partial payment, acceptance, or partial acceptance by CITY will operate as a waiver on the part of CITY of any of its rights under this Agreement.

SECTION 20. NOTICES.

All notices hereunder will be given in writing and mailed, postage prepaid, by certified mail, addressed as follows:

To CITY: Office of the City Clerk
 City of Palo Alto
 Post Office Box 10250
 Palo Alto, CA 94303

With a copy to the Purchasing Manager

To CONSULTANT: Attention of the project director
 at the address of CONSULTANT recited above

SECTION 21. CONFLICT OF INTEREST.

21.1. In accepting this Agreement, CONSULTANT covenants that it presently has no interest, and will not acquire any interest, direct or indirect, financial or otherwise, which would conflict in any manner or degree with the performance of the Services.

21.2. CONSULTANT further covenants that, in the performance of this Agreement, it will not employ subconsultants, contractors or persons having such an interest. CONSULTANT certifies that no person who has or will have any financial interest under this Agreement is an officer

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or employee of CITY; this provision will be interpreted in accordance with the applicable provisions of the Palo Alto Municipal Code and the Government Code of the State of California.

21.3. If the Project Manager determines that CONSULTANT is a "Consultant" as that term is defined by the Regulations of the Fair Political Practices Commission, CONSULTANT shall be required and agrees to file the appropriate financial disclosure documents required by the Palo Alto Municipal Code and the Political Reform Act.

SECTION 22. NONDISCRIMINATION. As set forth in Palo Alto Municipal Code section 2.30.510, CONSULTANT certifies that in the performance of this Agreement, it shall not discriminate in the employment of any person because of the race, skin color, gender, age, religion, disability, national origin, ancestry, sexual orientation, housing status, marital status, familial status, weight or height of such person. CONSULTANT acknowledges that it has read and understands the provisions of Section 2.30.510 of the Palo Alto Municipal Code relating to Nondiscrimination Requirements and the penalties for violation thereof, and agrees to meet all requirements of Section 2.30.510 pertaining to nondiscrimination in employment.

SECTION 23. ENVIRONMENTALLY PREFERRED PURCHASING. CONSULTANT shall comply with the City's Environmentally Preferred Purchasing policies which are available at the city's Purchasing Department which are incorporated by reference and may be amended from time to time.

SECTION 24. NON-APPROPRIATION

24.1. This Agreement is subject to the fiscal provisions of the Charter of the City of Palo Alto and the Palo Alto Municipal Code. This Agreement will terminate without any penalty (a) at the end of any fiscal year in the event that funds are not appropriated for the following fiscal year, or (b) at any time within a fiscal year in the event that funds are only appropriated for a portion of the fiscal year and funds for this Agreement are no longer available. This Section 24.8 shall take precedence in the event of a conflict with any other covenant, term, condition, or provision of this Agreement.

24.2. The individuals executing this Agreement represent and warrant that they have the legal capacity and authority to do so on behalf of their respective legal entities.

SECTION 25. MISCELLANEOUS PROVISIONS.

25.1. This Agreement will be governed by the laws of the State of California.

25.2. In the event that an action is brought, the parties agree that trial of such action will be vested exclusively in the state courts of California in the County of Santa Clara, State of California.

25.3. The prevailing party in any action brought to enforce the provisions of this Agreement may recover its reasonable costs and attorneys' fees expended in connection with that action. The prevailing party shall be entitled to recover an amount equal to the fair market value of legal services provided by attorneys employed by it as well as any attorneys' fees paid to third

parties.

25.4. This document represents the entire and integrated agreement between the parties and supersedes all prior negotiations, representations, and contracts, either written or oral. This document may be amended only by a written instrument, which is signed by the parties.

25.5. The covenants, terms, conditions and provisions of this Agreement will apply to, and will bind, the heirs, successors, executors, administrators, assignees, and consultants of the parties.

25.6. If a court of competent jurisdiction finds or rules that any provision of this Agreement or any amendment thereto is void or unenforceable, the unaffected provisions of this Agreement and any amendments thereto will remain in full force and effect.

25.7. All exhibits referred to in this Agreement and any addenda, appendices, attachments, and schedules to this Agreement which, from time to time, may be referred to in any duly executed amendment hereto are by such reference incorporated in this Agreement and will be deemed to be a part of this Agreement.

24.10 If, pursuant to this contract with CONSULTANT, City shares with CONSULTANT personal information as defined in California Civil Code section 1798.81.5(d) about a California resident ("Personal Information"), CONSULTANT shall maintain reasonable and appropriate security procedures to protect that Personal Information, and shall inform City immediately upon learning that there has been a breach in the security of the system or in the security of the Personal Information. CONSULTANT shall not use Personal Information for direct marketing purposes without City's express written consent.

IN WITNESS WHEREOF, the parties hereto have by their duly authorized representatives executed this Agreement on the date first above written.

CITY OF PALO ALTO

**AGURTO CORPORATION DBA
PESTEC**

Purchasing Manager

By: _____

Director of Public Works

Name: _____

Title: _____

APPROVED AS TO FORM:

Senior Asst. City Attorney

Attachments:

- EXHIBIT "A": SCOPE OF WORK
- EXHIBIT "B": SCHEDULE OF PERFORMANCE
- EXHIBIT "C": COMPENSATION
- EXHIBIT "C-1": SCHEDULE OF RATES
- EXHIBIT "D": INSURANCE REQUIREMENTS

EXHIBIT "A"
SCOPE OF SERVICES

Project Description

The Contractor shall furnish all supervision, labor, materials, and equipment necessary to evaluate, monitor, and provide pest management services for City of Palo Alto buildings. Pest control methods shall first strive to use non-chemical controls such as trapping and pest proofing, followed by chemical controls only if non-chemical methods fail.

1. Using IPM strategies, the contractor shall control structural pests to include:

- a) **Insects and other arthropods:** These include ants, cockroaches, yellow jackets and other wasps and bees, and any other arthropod pest not specifically excluded from the contract.
- b) **Mice and rats:** The contractor shall adequately suppress rats and mice found inside and outside buildings. Pick-up and proper disposal of dead vertebrates is also included in this scope of work, unless other arrangements for collection and disposal are agreed upon by Facility and Site Supervisors
- c) **Pests excluded from contract:**
 - Termites and other wood destroying organisms
 - Mosquitoes (mosquito abatement)
 - Pests that primarily feed on outdoor vegetation unless they are invading a structure
 - Birds, bats, snakes and all other vertebrates not listed above
- d) **Removal of stinging insects-** the contractor shall remove nests of yellow jackets when they pose a human safety threat and are located on City property. The contractor shall work with Environmental Compliance and other City departments as needed to identify how bee hive access can be altered to avoid hive removal or destruction. Africanized bee nests shall be destroyed. Bee removal must be supervised by a CONTRACTOR employee, and performed on behalf of CONTRACTOR, if the service is not performed by a CONTRACTOR employee directly.
- e) **Reduce pest problem hotspots** with the goal of solving structural and hygiene challenges so that facilities currently requiring a monthly service can reduce their need for chemical pest control and regular service.

2. The contractor must provide regular pesticide reporting information in electronic format outlined in Section C7.

Specific Work Tasks

The contractor shall:

1. Control pests while minimizing human exposure to pesticides, secondary poisoning to non-target animals and pesticide-related water pollution by adhering to the following conditions:

- a. The following products shall **not** be used for insect control:
 - i. Products labeled with the signal word "danger"
 - ii. Organophosphate products (e.g., diazinon or chlopyrifos)
 - iii. Carbamate products (e.g., carbaryl)
 - iv. Pyrethroid products (see expanded list, Attachment AA).
Containerized pyrethroid products, or pyrethroid products whose application method prevents pyrethroid release to the environment may be authorized by the IPM coordinator.
- b. Containerized baits are preferred for ant control
- c. No **spray insecticides** may be used **except** insecticidal soaps and plant-based products (e.g., pyrethrins, mint oil, rosemary oil, etc.). **Emergency use of other pesticides may be authorized by the City's IPM coordinator.**
- d. Trapping and exclusion shall be the primary rodent control methods. To prevent bait resistance and secondary poisoning, rodent baits shall only be used when trapping and exclusion are unsuccessful and **in consultation with the IPM Coordinator.**
- e. No outdoor applications of pesticides of any kind shall be applied on impervious surfaces when a 40% or greater chance of rain is forecast within three days unless the pesticides are containerized baits that will not contribute to runoff pollution.
- f. Prior to application, contractor must notify manager or supervisors overseeing the employees in the working areas that are to be treated with any pest control product other than containerized baits.
- g. Submit all MSDSs for products that shall be used and receive authorization for their use from the City of Palo Alto IPM Coordinator and Facilities Supervisor prior to commencement of work. No additional products may be introduced for use without prior authorization from the City IPM coordinator.
- h. Contractor and the Facilities Supervisor shall agree upon the extent and scope of minor repairs and pest proofing needed at facilities that are that are to be performed by contractor: e.g., crack and crevice sealing for ant and cockroach exclusion. Contractor will provide recommendations and corresponding proposals for major repairs such as rodent proofing to assist facilities maintenance staff in their decision making process. If the city does not provide the repairs or hygiene needed that are designated as their responsibility, the contractor is not responsible for the continuation of pest problems.

2. Respond to new or emergency pest management requests within 24 hours of service call. If the CONTRACTOR technician is not available at a time of emergency, the service request shall be routed to other available technicians based on proximity and experience with the pest(s).

3. Reduce pest populations at sites designated by the Facilities Supervisor that have historically had regular pest problems requiring monthly service with the goals of:

- reducing the frequency and severity of pest problems using IPM strategies
- reducing access and favorable conditions that support pests, and
- reducing the need for chemical pest control

4. Pest Monitoring

- a. Services shall be provided monthly to all sites except as listed Exhibit "B" and shall be divided into four groups so that a CONTRACTOR technician shall be in a City of Palo Alto building every week. Requests for services that fall between the scheduled monthly visits shall be handled during the technician's weekly visit to City of Palo Alto locations, unless otherwise directed.
- b. Upon request, during the CONTRACTOR technician's visit to the service site they shall refer to the pest sighting log book for reports of pest activity. If there is a report in the log book, the technician shall contact the reporting person for more information if necessary and then proceed to identify:
1. The extent of the infestation
 2. The control options that are most appropriate to the specific location of pest(s) occurring
 3. The conditions conducive to the pest(s)
 4. If the technician can treat the pest using a non-chemical method they shall carry out the treatment or make arrangements with the necessary building staff to do so. If necessary, the technician shall make a follow-up visit prior to the next monthly service to evaluate the effectiveness of the treatment.

If there is not a report in the log book, the technician will inspect the premises and identify:

1. If there is evidence of pest activity
2. If present pest(s) necessitate a treatment
3. The conditions conducive to the pest(s)
4. The control options available to this specific site and pest(s)

c. All service records will be signed and dated by the site contact and kept on site and/or in the Pest Sighting Log Book so they may be reviewed.

5. Track pest management and pesticide use. The following records must be kept and procedures followed while servicing these sites:

- a. EcoWise Certified Inspection Report and Needed Repairs (Attachment BB) Copies of inspection records and repair recommendations must be provided to site manager and Facility Supervisor after each site visit. With the approval of the IPM Coordinator, the contractor's own reporting forms may be used if the same criteria as the City's are used.
- b. **Contractor Pesticide Application Form** (see Section C7 "Requirements" for instructions). This information is critical as the City tracks information about non-chemical control methods and many aspects of pesticide use in order to reduce the most toxic pesticides and volume of pesticides used. The contractor must also have Internet access and the ability to enter pesticide use information on-line if the City provides that reporting mechanism.

6. Uniforms and Equipment

All personnel, while working in or on government-owned or leased premises, shall have at a minimum the Contractor's company name easily identifiable, affixed thereon in a permanent or semi-permanent manner on vehicles and uniforms. Additional personal protective equipment, required by State Law for the safe performance of work, must be determined and provided by the Contractor. Vehicles used by the Contractor must be clearly marked and identified in accordance with State and local regulations.

7. Requirements

a. The contractor: must currently be certified by *EcoWise Certified* as an IPM Service Provider OR meet program's current requirements. EcoWise is a project of the Association of Bay Area Governments (see www.ecowisecertified.org). **An equivalent certification may be negotiated** by the contractor and IPM Coordinator if the City or contractor wish to use a different certification program.

b. The contractor must provide regular pesticide reporting information in electronic format using the City's Contractor Pesticide Application Form (Microsoft Excel) to be provided after the proposal is awarded. The Excel file must be **emailed** to the City's IPM Coordinator: julie.weiss@cityofpaloalto.org by the 15th of each month for the previous month's work or as otherwise approved by the IPM Coordinator. The contractor must also have Internet access and the ability to enter pesticide use information on-line if the City provides that reporting mechanism.

c. The contractor must be in compliance with all federal, state, and local pest control operator requirements and regulations and maintain current licenses.

- i. Firm must be a registered structural pest control company in the State of California.
- ii. At least one supervisor of onsite operations must possess a valid Structural Pest Control Operators license for Branch 2 (General Structural Pests).

- iii. All onsite staff must possess, at least, valid Structural Pest Control Applicator certification and/or Qualified Applicator Certificates.
- iv. Firm must demonstrate five (5) years minimum experience with industrial, commercial, and institutional accounts immediately preceding a submission of RFP.
- v. Four (4) verifiable references must be provided.
- vi. All onsite supervisors must possess, at least, valid Structural Pest Control Field Representative Licenses for Branch 2.

Attachment AA

Pyrethroid Active Ingredients

Allethrin
Beta-Cyfluthrin
Bifenthrin
Cyfluthrin
Cypermethrin
Deltamethrin
d-trans allethrin
Esbiothrin
Esfenvalerate
Lambda-Cyhalothrin
Permethrin
Phenothrin
Prallethrin
Resmethrin
s-Bioallethrin
Sumithrin
Tau-Fluvalinate
Tetramethrin
Tralomethrin



(1 of 2 pages)
EcoWise Certified Inspection Report and Needed Repairs

Date: _____ EcoWise Certified IPM Practitioner: _____

Customer Contact: _____

- Facilities Supervisor Site Contact Site Manager Other

(If not already on record) Work Ph: _____ Cell: _____
Pager: _____

Building Name/Address: _____

- Pest(s), or pest evidence observed: Ants Bedbugs Bees Birds Cockroaches Fleas Flies Mice Rats Spiders Stored Product Pests Other

Number of pests/extent of damage:

- PCO Facilities Site Manager Pest exclusion work needed (note location in or around the building in space after item and suggested point person):
1. Seal holes in wall around pipes, cables, and wires Inside Outdoors
2. Seal cracks and crevice with caulk or paint Inside Outdoors
3. Seal other holes 1/4" or larger Inside Outdoors
4. Screen drains Inside Outdoors
5. Cap drains
6. Inside doors: Repair Replace Weather-strip Add kickplate Add door sweep Other
7. Outside doors: Repair Replace Weather-strip Add kickplate Add door sweep Other
8. Windows: Repair Replace Weatherstrip Screen Other
9. Cover air vents with 1/4" hardware cloth
10. Seal/repair air conditioning units
11. Repair roof

- 12. Move compost into rodent proof container
- 13. Keep tight-fitting lids on garbage cans and dumpsters
- 14. Store grass seed and birdseed in rodent-proof containers
- 15. Store human and pet food in pest-proof containers/perishables in refrigerator
- 16. Store rodent nesting material (fabric, paper, rug scraps, insulation) in rodent-proof containers

Notes:

General conducive conditions to be corrected (Note location in space after item):

- 17. Fix leaky plumbing Inside Outdoors
- 18. Correct excessive moisture problems, specifically
- 19. Eliminate standing water
- 20. Improve drainage
- 21. Remove clutter, esp. near sinks, stoves, & refrigerators

Notes:

- | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--|
| PCO | Facilities | Site | Manager. | |
| | | | | Pest exclusion work needed (note location in or around the building in space after item): |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 22. Bring order to storage rooms/closets/garage/storage shed |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 23. Store items off the ground and 18" away from wall |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 24. Dispose of insect- or rodent-infested goods |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 25. Remove debris, lumber or rock piles |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 26. Remove debris from roof/gutters |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 27. Move firewood as far as possible from structure |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 28. Cut grass or weeds |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 29. Remove fallen fruit or nuts |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 30. Remove pet food after pets have finished |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 31. Remove pet waste |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 32. Remove spilled birdseed |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 33. Cut vegetation back from building walls at least 18"; leave a clear border around foundation |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 34. Remove ivy or other vines from sides of buildings or nearby trees |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 35. Trim back tree branches 3' to 6' from building |

36. Trim, treat, or remove vegetation harboring honeydew-producing insects (aphids, scales, mealy bugs)

Notes:

Sanitation

37. Improve cleanliness of ___break room(s) ___equipment ___appliance drip pans ___garbage cans ___floors ___floor drains ___sink drains ___counters ___dumpsters ___area around dumpster ___elevator pit ___recycling area ___other/notes:
38. Empty indoor trash cans at end of every day; if trash cannot be emptied, tie knot in liner at end of day
39. Store mops and brooms off floor on racks
40. Remove food from employee desks/store in pest proof containers
41. Other/Notes:

Communication with Customer

- Discussed inspection findings with site manager
- Discussed customer's pest tolerance level that triggers treatment
- Discussed treatment options with site manager
- Discussed responsibilities of technician and site manager
- Referred repairs to Facilities Supervisor
- Gave customer fact sheets or other educational materials (list):
- Discussed possible outcomes of treatment methods, how long they will take, what to expect

Notes:

Signed _____, EcoWise Certified IPM
Practitioner

- Copy sent/given to Facilities Supervisor Date _____
- Copy sent/given to Site Manager Date _____

City of Palo Alto IPM Policy

The City of Palo Alto will carry out its pest management operations using reduced-risk IPM techniques to reduce or eliminate chemicals to the maximum extent. Chemicals will be used only as a last resort for pest management problems. Each division that applies pesticides will maintain an active IPM plan to ensure the long-term prevention or suppression of the pest problems with minimum negative impact on human healthy, non-target organisms, and the environment.

The City will actively pilot non-toxic alternatives for structural and landscape pest control, seeking to use the most recent technology, best management practices and least toxic methods for all pest control measures.

EXHIBIT "B"
SCHEDULE OF PERFORMANCE

CONSULTANT shall perform the Services so as to complete each milestone within the number of days/weeks specified below. The time to complete each milestone may be increased or decreased by mutual written agreement of the project managers for CONSULTANT and CITY so long as all work is completed within the term of the Agreement. CONSULTANT shall provide a detailed schedule of work consistent with the schedule below within 2 weeks of receipt of the notice to proceed.

Milestones	Level of Service No. of Visits per Year
1. Fire Station #2	Monthly
2. Fire Station #3	Monthly
3. Fire Station #4	Monthly
4. Animal Services	Monthly
5. Children's Theater	Monthly
6. Cubberley Center	Monthly
7. Art Center	Monthly
8. MSC-B	Monthly
9. Golf Course Maintenance	Monthly
10. Main Library	Monthly
11. Mitchell Park Library	Monthly
12. Utility Control Center	Quarterly
13. Elwell Court	Monthly
14. Lucie Stern Center	Monthly
15. Regional Water Quality Control Plant	Monthly

EXHIBIT "C" COMPENSATION

The CITY agrees to compensate the CONSULTANT for professional services performed in accordance with the terms and conditions of this Agreement based on the hourly rate schedule attached as Exhibit C-1.

The compensation to be paid to CONSULTANT under this Agreement for all services described in Exhibit "A" ("Services") shall not exceed \$35,000 per year for a potential of three years. In the event CITY authorizes any Additional Services, the maximum compensation shall not exceed \$3,500 per year for work performed or expenses incurred for which payment would result in a total exceeding the maximum amount of compensation set forth herein shall be at no cost to the CITY.

ADDITIONAL SERVICES

The CONSULTANT shall provide additional services only by advanced, written authorization from the CITY. The CONSULTANT, at the CITY's project manager's request, shall submit a detailed written proposal including a description of the scope of services, schedule, level of effort, and CONSULTANT's proposed maximum compensation, including reimbursable expenses, for such services based on the rates set forth in Exhibit C-1. The additional services scope, schedule and maximum compensation shall be negotiated and agreed to in writing by the CITY's Project Manager and CONSULTANT prior to commencement of the services. Payment for additional services is subject to all requirements and restrictions in this Agreement.

EXHIBIT "C-1"
HOURLY RATE SCHEDULE

1. Fire Station #2	\$115 / Month
2. Fire Station #3	\$115 / Month
3. Fire Station #4	\$115 / Month
4. Animal Services	\$115 / Month
5. Children's Theater	\$115 / Month
6. Cubberley Center	\$250 / Month
7. Art Center	\$115 / Month
8. MSC-B	\$50 / Month
9. Golf Course Maintenance	\$115 / Month
10. Main Library	\$115 / Month
11. Mitchell Park Library	\$115 / Month
12. Utility Control Center	\$125 / Quarter
13. Elwell Court	\$115 / Quarter
14. Lucie Stern Center	\$115 / Month
15. Regional Water Quality Control Plant	\$250 / Month
16. On-Call Service (within 5 business days)	\$125 / Hour
17. Emergency Services (within 24 hours)	\$125 / Hour
18. Training and Consultation Services	\$0 / Hour

EXHIBIT "D" INSURANCE REQUIREMENTS

CONTRACTORS TO THE CITY OF PALO ALTO (CITY), AT THEIR SOLE EXPENSE, SHALL FOR THE TERM OF THE CONTRACT OBTAIN AND MAINTAIN INSURANCE IN THE AMOUNTS FOR THE COVERAGE SPECIFIED BELOW, **AFFORDED BY COMPANIES WITH AM BEST'S KEY RATING OF A-:VII, OR HIGHER, LICENSED OR AUTHORIZED TO TRANSACT INSURANCE BUSINESS IN THE STATE OF CALIFORNIA.**

AWARD IS CONTINGENT ON COMPLIANCE WITH CITY'S INSURANCE REQUIREMENTS, AS SPECIFIED, BELOW:

REQUIRED	TYPE OF COVERAGE	REQUIREMENT	MINIMUM LIMITS	
			EACH OCCURRENCE	AGGREGATE
YES YES	WORKER'S COMPENSATION EMPLOYER'S LIABILITY	STATUTORY STATUTORY		
YES	GENERAL LIABILITY, INCLUDING PERSONAL INJURY, BROAD FORM PROPERTY DAMAGE BLANKET CONTRACTUAL, AND FIRE LEGAL LIABILITY	BODILY INJURY	\$1,000,000	\$1,000,000
		PROPERTY DAMAGE	\$1,000,000	\$1,000,000
		BODILY INJURY & PROPERTY DAMAGE COMBINED.	\$1,000,000	\$1,000,000
YES	AUTOMOBILE LIABILITY, INCLUDING ALL OWNED, HIRED, NON-OWNED	BODILY INJURY	\$1,000,000	\$1,000,000
		- EACH PERSON	\$1,000,000	\$1,000,000
		- EACH OCCURRENCE	\$1,000,000	\$1,000,000
		PROPERTY DAMAGE	\$1,000,000	\$1,000,000
		BODILY INJURY AND PROPERTY DAMAGE, COMBINED	\$1,000,000	\$1,000,000
	PROFESSIONAL LIABILITY, INCLUDING, ERRORS AND OMISSIONS, MALPRACTICE (WHEN APPLICABLE), AND NEGLIGENT PERFORMANCE	ALL DAMAGES	\$1,000,000	
YES	THE CITY OF PALO ALTO IS TO BE NAMED AS AN ADDITIONAL INSURED: CONTRACTOR, AT ITS SOLE COST AND EXPENSE, SHALL OBTAIN AND MAINTAIN, IN FULL FORCE AND EFFECT THROUGHOUT THE ENTIRE TERM OF ANY RESULTANT AGREEMENT, THE INSURANCE COVERAGE HEREIN DESCRIBED, INSURING NOT ONLY CONTRACTOR AND ITS SUBCONSULTANTS, IF ANY, BUT ALSO, WITH THE EXCEPTION OF WORKERS' COMPENSATION, EMPLOYER'S LIABILITY AND PROFESSIONAL INSURANCE, NAMING AS ADDITIONAL INSUREDS CITY, ITS COUNCIL MEMBERS, OFFICERS, AGENTS, AND EMPLOYEES.			

I. INSURANCE COVERAGE MUST INCLUDE:

- A. A PROVISION FOR A WRITTEN THIRTY DAY ADVANCE NOTICE TO CITY OF CHANGE IN COVERAGE OR OF COVERAGE CANCELLATION; AND
- B. A CONTRACTUAL LIABILITY ENDORSEMENT PROVIDING INSURANCE COVERAGE FOR CONTRACTOR'S AGREEMENT TO INDEMNIFY CITY.
- C. DEDUCTIBLE AMOUNTS IN EXCESS OF \$5,000 REQUIRE CITY'S PRIOR APPROVAL.

II. CONTACTOR MUST SUBMIT CERTIFICATES(S) OF INSURANCE EVIDENCING REQUIRED COVERAGE.

III. ENDORSEMENT PROVISIONS, WITH RESPECT TO THE INSURANCE AFFORDED TO "ADDITIONAL INSUREDS"

A. PRIMARY COVERAGE

WITH RESPECT TO CLAIMS ARISING OUT OF THE OPERATIONS OF THE NAMED INSURED, INSURANCE AS AFFORDED BY THIS POLICY IS PRIMARY AND IS NOT ADDITIONAL TO OR CONTRIBUTING WITH ANY OTHER INSURANCE CARRIED BY OR FOR THE BENEFIT OF THE ADDITIONAL INSUREDS.

B. CROSS LIABILITY

THE NAMING OF MORE THAN ONE PERSON, FIRM, OR CORPORATION AS INSURED UNDER THE POLICY SHALL NOT, FOR THAT REASON ALONE, EXTINGUISH ANY RIGHTS OF THE INSURED AGAINST ANOTHER, BUT THIS ENDORSEMENT, AND THE NAMING OF MULTIPLE INSURED, SHALL NOT INCREASE THE TOTAL LIABILITY OF THE COMPANY UNDER THIS POLICY.

C. NOTICE OF CANCELLATION

1. IF THE POLICY IS CANCELED BEFORE ITS EXPIRATION DATE FOR ANY REASON OTHER THAN THE NON-PAYMENT OF PREMIUM, THE ISSUING COMPANY SHALL PROVIDE CITY AT LEAST A THIRTY (30) DAY WRITTEN NOTICE BEFORE THE EFFECTIVE DATE OF CANCELLATION.

2. IF THE POLICY IS CANCELED BEFORE ITS EXPIRATION DATE FOR THE NON-PAYMENT OF PREMIUM, THE ISSUING COMPANY SHALL PROVIDE CITY AT LEAST A TEN (10) DAY WRITTEN NOTICE BEFORE THE EFFECTIVE DATE OF CANCELLATION.

NOTICES SHALL BE MAILED TO:

**PURCHASING AND CONTRACT ADMINISTRATION
CITY OF PALO ALTO
P.O. BOX 10250
PALO ALTO, CA 94303**

Appendix 13-1

C.13.d.iii 2010 City of Palo Alto Clean Bay
Pollution Prevention Plan Copper Program

Section 6: Copper Program

The RWQCP has an effluent limitation for copper, and is also subject to copper limits for the management of ash from sludge incineration. In early 2009, EPA approved Copper Site Specific Objectives and a Copper Action Plan applicable to all of San Francisco Bay. The RWQCP's copper pollution prevention program includes the primary elements of the Copper Action Plan.

A. Wastewater Sources

Copper enters wastewater from many sources, including residences, commercial businesses, industrial operations, infiltration and inflow of ground and surface water into the sewer system, and corrosion of water piping in buildings. The RWQCP's most recent review and update of the technical mass loading analysis, completed in 2002, is presented in Figure 6-1. The estimates of copper sources are based on extensive local sampling and a number of technical studies conducted by the RWQCP and others since 1992 (EIP Associates, 1999).

B. Stormwater Sources

The *Santa Clara Valley Urban Runoff Pollution Prevention Program Metals Control Measures Plan* (Urban Runoff Program, February 1997) provides an estimate of copper sources in urban stormwater runoff (see Figure 6-2). Due to the small amount of available data for several sources, especially motor vehicle brake pads, the estimates should be considered rough, providing information about the relative importance of various sources.

C. Pollution Prevention Plan

The pollution prevention plan for copper is presented in Table 6-1. For the coming year, the RWQCP will continue to focus on copper pipe corrosion and copper roofing materials, and to review the use of copper at metal finishing facilities.

1. Plumbing Practices

Because proper design and maintenance can minimize corrosion of copper piping, the RWQCP has developed a set of guidelines for plumbers. The guidelines focus on the following practices:

- Ensuring pipe quality
- Limiting the use of flux and choosing less aggressive fluxes
- Importance of clean joints and limiting excess solder
- Selecting solders with widest working temperature range
- Limiting pipe velocities
- Lowering the set point of hot water temperature

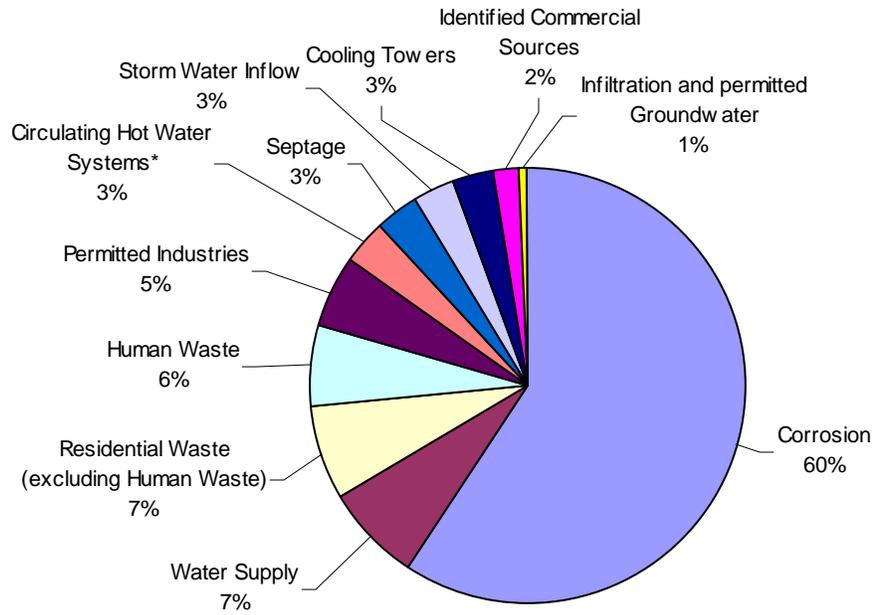


Figure 6-1. Estimated Contributions of Copper Sources to the RWQCP, 2002

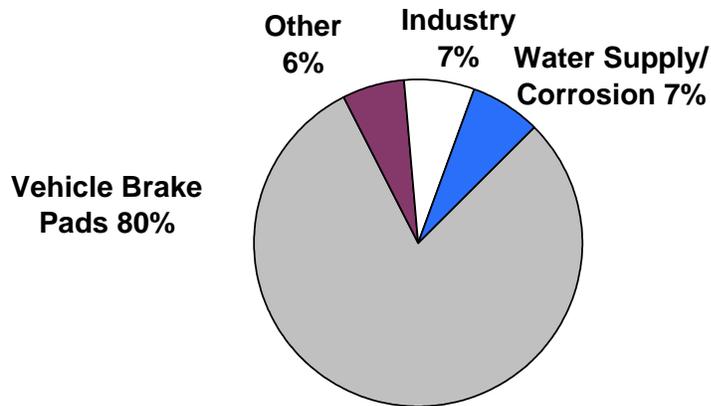


Figure 6-2. Urban Stormwater Copper Sources

In 2001, Palo Alto technically reviewed and updated the guidelines. In 2002, staff gave presentations to the San Jose local pipe fitters union and the American Society of Plumbing Engineers. These audiences were receptive to the information and provided thoughtful guidance regarding how to reach their peers. In mid-2002, the City of Palo Alto initiated a BAPPG effort to create a set of fact sheets and a giveaway item to be distributed throughout the Bay Area via presentations and newsletter inserts for pipefitting unions and engineering societies. In 2003, the BAPPG copper subcommittee successfully completed two fact sheets and a Power Point presentation to be used by all Bay Area water agencies. The group compiled a list of unions and engineering groups, which include the following:

- Local 342: Alameda County and the refineries in Contra Costa County
- Local 343: Napa and Solano Counties
- Local 467: San Mateo County
- Local 393: Santa Clara County
- Local 38: San Fran, Marin, Sonoma, Lake and Mendocino Counties
- Local 159: Contra Costa County
- PHCC: Plumbing Heating and Cooling Contractors
- ASHRAE: American Society of Heating, Refrigerating and Air Conditioning Engineers
- ASPE: American Society of Plumbing Engineers
- NACE: National Association of Corrosion Engineers

To address difficulties water agency staff experienced in getting responses from the union and engineering representatives, the City of Palo Alto funded a contractor to provide support for this task. In 2004-2005, the contractor organized BAPPG members to present to 11 different unions and engineering groups throughout the Bay area. This activity has been placed on hold, as membership in the professional associations does not change significantly from year to year.

The Apprenticeship Program at the Pipe Trades Council has taken the presentation originally developed for the BAPPG speakers presentations and has incorporated the information into their permanent curriculum that focuses on Environmental Issues relating to the Pipe Trades. The copper pollution prevention message has become part of their annual apprenticeship training. This point is being shared with the other local unions, which are being encouraged to consider doing the same.

In 2008, Palo Alto's contractor, Stephanie Hughes, updated the copper presentation and gave two presentations to the UAL 467 Plumbers Union in San Mateo County, educating approximately 35 students. San Francisco Public Utilities Commission retained Ms. Hughes to present to 120 plumbers at UAL 38 in San Francisco County. In 2010, BAPPG will contract with Ms. Hughes to organize and present the updated presentation to the plumber unions throughout the Bay Area and explore outreach to the California State Licensing Board.

The California State Licensing Board has stated that they will draft a brief outreach piece about the copper pollution issue for San Francisco Bay (based on the two BAPPG factsheets). This single outreach piece will be used in the following ways:

1. Industry Bulletin, which will be mailed and posted on web site
2. Newsletter article for their periodic contractor newsletter (anticipated for March 2010)

In 2010, BAPPG will continue to explore other ways to improve outreach to plumber unions, designers and installers to reduce the amount of copper entering the sanitary sewer.

Table 6-1. Copper Pollution Prevention Plan

Source	Audiences	Message / Program	Implementation Plan & Timeline	Evaluation Criteria
GOVERNMENT AGENCIES				
Vehicle maintenance	Fleet managers	Use low copper brake pads when data become available on copper content	Keep fleet manager apprised of new information on copper content of after-market pads (future)	Evaluations on hold, pending multiyear copper brake pad study
COMMERCIAL / INDUSTRIAL				
Corrosion in copper pipes, cooling towers and cooling water systems	Plumbers, Designers, architects Facility managers	Limit corrosion of copper pipes and equipment via design and maintenance	<p>Through BAPPG, continue outreach on plumbing guidelines to pipefitters unions and engineering associations.</p> <p>In 2010, BAPPG will work with the California State Licensing Board to direct plumbing contractors to the www.baywise.org website on outreach to plumbers.</p> <p>In 2010, distribute newly developed brochure on cooling tower additive restrictions, including copper restrictions, to local facility managers and cooling system maintenance contractors.</p>	<p>Estimate of the number of plumbers and engineers contacted at association meetings throughout the BAPPG service area. Review survey results.</p> <p>Completion of outreach effort.</p>
Architectural uses (roofs)	Architects; designers; city planners	Copper roof materials contribute to stormwater pollution	Ensure that development center staff continues to enforce the ordinance.	Enforcement of the ordinance.

Table 6-1. Copper Pollution Prevention Plan (continued)

COMMERCIAL / INDUSTRIAL (Cont)				
Metal finishers and platers	Business facility staff	Continue to aggressively enforce copper and nickel discharge limits and ordinance requirements	Semi-annual industrial inspections and appropriate enforcement actions (on-going)	Industrial waste metal concentrations; change in ordinance violations.
Metal part machining and fabrication	Machine shop staff and metal fabricators	Continue to aggressively enforce machine shop BMPs and ordinance requirements	In 2009, the one remaining facility was 100% in compliance with BMPs. Annual inspections and appropriate enforcement actions (ongoing)	Percent compliance with BMPs during annual inspections.
Automobile brake pads	Auto parts stores Vehicle service facilities Brake pad manufacturers	Continue to seek reductions in copper content.	Continue to support the Brake Pad Partnership program. Pressure manufacturers to reduce copper in brake pads and to enhance the current monitoring program.	Evaluations on hold, pending multiyear copper study
RESIDENTIAL				
Pool maintenance	Residents; pool maintenance workers	Don't use copper algaecides or discharge pool water to storm drains	Continue to distribute SCVURPPP pool brochure to residents upon request or in response to illicit discharges. In 2010, give a presentation to a local swimming pool worker association and distribute the SCVURPPP brochure.	Distribution of brochures Completion of presentation

2. CPVC and PEX Alternatives to Copper Piping

In 2009, the RWQCP assessed whether promotion of plastic pipe made from either chlorinated polyvinyl chloride (CPVC) or cross-linked polyethylene (PEX) should be pursued as a copper pollution prevention activity. As previously discussed, corrosion of copper pipe used for potable water plumbing is believed to contribute most of the copper in the RWQCP's influent. Widespread use of alternatives to copper pipe could reduce that copper loading.

Both plastic pipe alternatives are approved by the California Building Code, which has been adopted by the City of Palo Alto. RWQCP staff reviewed the Environmental Impact Report documents that accompanied the approval of both products, as well as other literature associated with the use of CPVC and PEX in residential water systems. Based on the research, staff determined that there are potentially significant concerns regarding compounds that leach from the plastic pipe. CPVC leaches organotins, which are toxic to aquatic organisms and is shown to impact growth. PEX leaches MTBE (methyl tert butyl ether) and TBA (tertiary butyl alcohol). After reviewing the leaching studies that were readily available, staff decided that, given the concerns that some of the studies have raised, the RWQCP will not actively promote the use of these pipe materials for potable water use at this time.

3. Copper Roofing Materials

In 2000, the RWQCP investigated the relative importance of copper used in roofing materials. Based on the analysis, the City of Palo Alto adopted an ordinance prohibiting the use of copper roofing materials that became effective in 2003. The ordinance has the following two provisions:

- Prohibits the use on new roofs of either copper metal roofing or asphalt shingles containing copper granules. (Exempts copper flashing, ornaments and replacement metal roofing on historic structures. Requires replacement roofing to be prepatinated.)
- Prohibits the use of copper gutters, but exempts replacement gutters on historic structures

A fact sheet was developed regarding this ordinance and is available at the City's Development Center, where all building permits are handled. Although the architectural copper prohibition is now institutionalized, Environmental Compliance staff meets with Development Center staff on an annual basis to ensure that residents are notified early in the permit process about the prohibition.

4. Metal Finishing Facilities

Most industrial copper use in the RWQCP service area is at metal finishing facilities, and the industrial portion of the copper source reduction efforts is therefore focused on metal finishing operations. In 1994, the RWQCP service area cities adopted Sewer Use Ordinance requirements specific to metal finishers and printed circuit board manufacturers. Metal finishers that use copper were required to select one of two options for compliance. The first option, known as the "RCM Option," involves:

- Installation of the Reasonable Control Measures;
- Meeting an annual average copper concentration limit of 0.4 mg/L of copper in the facility wastewater discharge.

The second option, called the “Mass Limit Option,” involves:

- Performing a RWQCP-conducted pollution prevention study;
- Using the study to set a facility-specific annual copper discharge mass limit consistent with implementing identified pollution prevention measures that have a payback period of five years or less.

The decline of the local metal finishing and printed circuit board industry has dramatically reduced copper loading from metal finishing facilities. As of 2009, only four facilities remain operational in the service area. The remaining facilities continue to be closely regulated by the RWQCP Industrial Waste group. The facilities are inspected at least semiannually and are sampled monthly. Compliance details for the metal finishing facilities, including comparisons of annual copper loadings and average copper concentrations with the applicable limits, are available in the RWQCP’s 2009 Pretreatment Program Annual Report.

D. Contingency Plan

The RWQCP’s Copper Contingency Plan (Table 6-2) was developed in the 1990s prior to adoption of Site Specific Objectives for copper in South San Francisco Bay. At that time, copper concentrations in the RWQCP’s effluent regularly exceeded applicable water quality objectives. The Plan is retained as a list of potential future actions that could be undertaken if the RWQCP was unable to meet copper effluent limitations. Several of the contingency plan elements have been implemented by Palo Alto and other Bay Area dischargers.

Table 6-2. Preliminary Copper Contingency Plan

Contingency Action	Discharge Reduction
Add corrosion inhibitor to local drinking water supplies.	Reduce copper piping corrosion by an estimated 30%, if inhibitor addition was implemented in all San Francisco Water District supplies in the RWQCP service area
Create financial incentives for implementation of copper pollution prevention measures at private businesses, emphasizing measures for largest copper dischargers.	Reduce copper wastewater discharge from industrial copper use, from cooling towers, and from circulating hot water systems. Some additional reductions in industrial process copper discharge (currently about 4% of RWQCP influent copper), cooling water copper corrosion discharges (currently 6% of influent copper) and circulating hot water system discharges (which may be as much of 7% of influent copper) are possible.
Advocate use of CPVC piping and/or restrict use of copper piping in new construction and remodeling.	Reduce copper discharges from corrosion of copper piping. Rate of reduction is uncertain as the current pipe replacement rate in the service area is unknown. Since replacement rate is probably slow, significant reductions would probably not be achieved for 5 to 10 years.

Contingency Action	Discharge Reduction
Implement regional training and certification program for plumbers. Require use of recommended fluxes and solders and adherence to IAPMO best management practices during all copper plumbing installation.	Reduce copper discharges from corrosion of copper piping due to poor installation practices. The amount of reduction that would be achieved is unknown. Reduction would slowly increase as piping is replaced.
Adopt copper pipe flow velocity restrictions as part of city building codes.	Reduce copper discharges from corrosion and erosion of copper piping. The amount of discharge reduction is unknown, but could be measurable depending on current average flow velocities. Reduction would slowly phase in as piping is replaced.
Recommend lower operating temperatures for home and business hot water systems (while maintaining user safety and sanitation).	Reduce copper discharges from corrosion of hot water piping (which occurs at an accelerated rate). The amount of discharge reduction is unknown.
Prohibit installation of open cooling towers and prohibit towers with copper piping and parts.	Reduce copper discharges from cooling towers (6% of RWQCP copper influent) as the restriction phased in. Preliminary data suggest that at least half of the cooling water systems in the service area are open systems or contain copper, and that copper discharge reductions of more than 50% are possible if such systems are replaced with copper-free closed systems.
Expand wastewater reclamation programs.	Reduce the amount (but not the concentration) of copper discharged to San Francisco Bay by an amount proportional to the amount of wastewater diverted from Bay discharge.
Investigate and consider implementing chemical addition to increase copper removal at the RWQCP.	Increase copper removal efficiency at the RWQCP, decreasing copper discharge concentration. Copper discharge reduction (if any) is unknown. (Full-scale testing would be required to determine the potential reductions.)
Expand water conservation education and incentive programs.	Reduce copper discharges associated with water use, primarily from water supply and corrosion. The amount of reduction would be proportional to the decrease in indoor water use achieved.

E. Program Evaluation

Influent and effluent loadings are tracked to evaluate overall success of the copper outreach programs. Figures 6-3 and 6-4 present the annual copper mass loadings in the RWQCP's influent and effluent from 1999 through 2009. Influent copper mass loading decreased steadily during the 1990s, but has generally fluctuated between 4000 and 5000 pounds per year since the late 1990s. During this same time period, effluent copper loading has increased. Copper concentrations in the RWQCP's incinerator ash frequently exceed the soluble threshold limit concentration (STLC) hazardous waste limit for copper. (The ash has been disposed of in a hazardous waste landfill since 2007.)

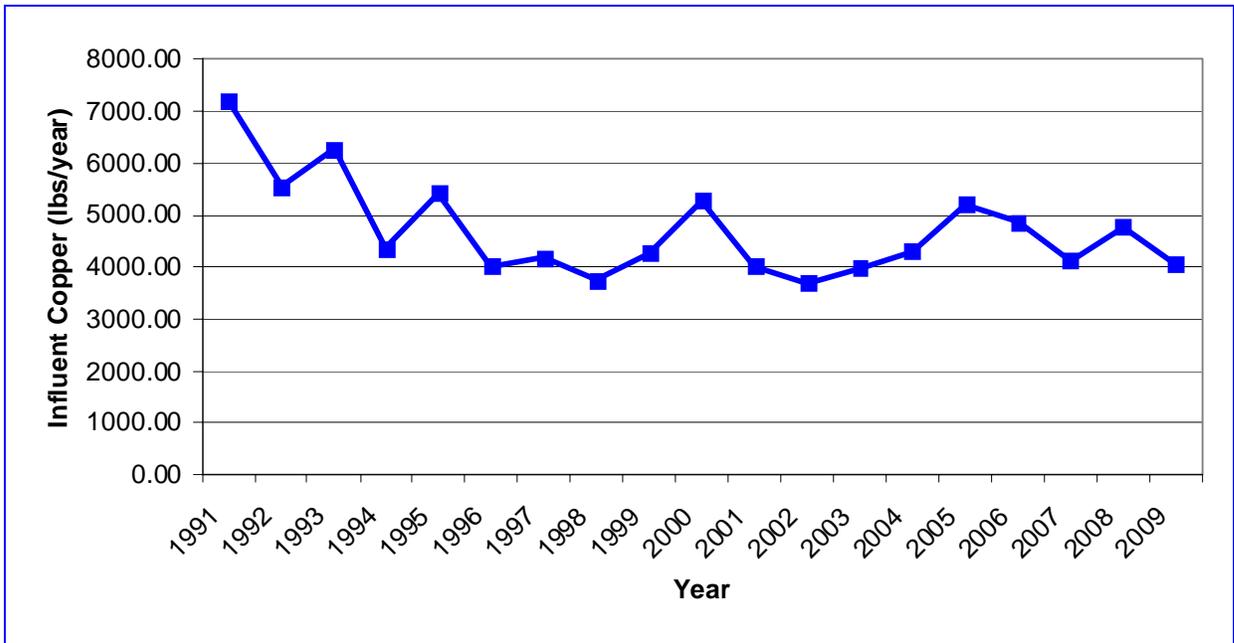


Figure 6-3. Copper Influent Loading: 1989-2009

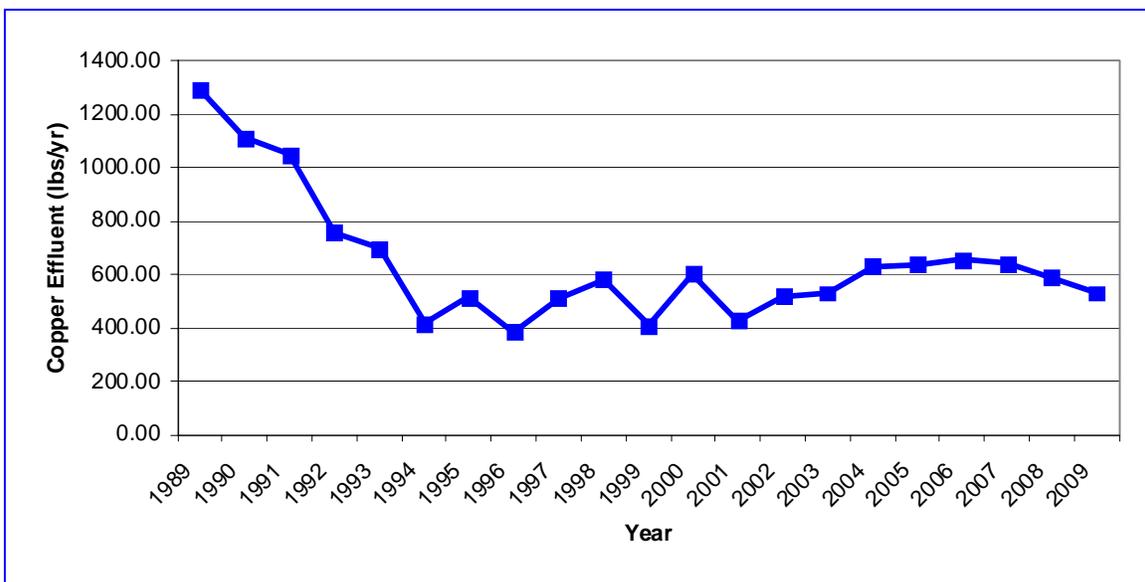


Figure 6-4. Copper Effluent Loading: 1989-2009

1. Elevated Copper in Influent

Despite the RWQCP's ongoing source control programs addressing copper, the influent copper loading in recent years has often been higher than the lowest loading that was observed in 2002. As depicted in Figure 6-5, copper loading from industrial processes decreased by over two-thirds between 2000 and 2008. Throughout the 1990s, the RWQCP influent loading and the industrial process loading were both decreasing as programs addressing metal finishing facilities and a copper root control chemical ban were implemented. The higher influent loadings in some recent years, which occurred as industrial process loading declined, demonstrate that industry is not the source of the additional loading.

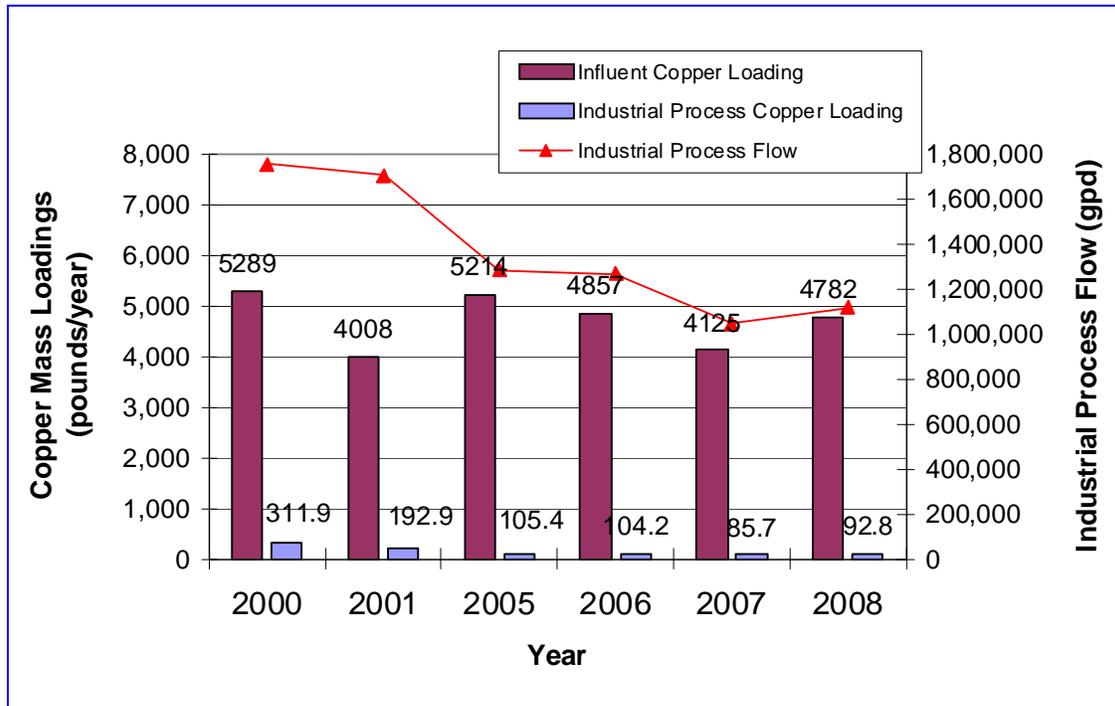


Figure 6-5. RWQCP Influent and Industrial Copper Mass Loading, and Industrial Process Flow: 2000, 2001, 2005, 2006, 2007, and 2008

As displayed previously in Figure 6-1, corrosion of copper pipes is a significant source of copper in wastewater. The 2007 Clean Bay Plan (published in February 2007) first described a correlation that was observed between RWQCP influent copper concentration and the Langelier Index of the potable water supplied to most of the RWQCP's service area by San Francisco Public Utilities Commission (SFPUC). Langelier Index, also known as Langelier Saturation Index, is a measure of a water's saturation with respect to calcium carbonate, and can be calculated using a water's pH, temperature, conductivity, alkalinity, and calcium concentration. Water with a Langelier Index greater than zero will tend to precipitate calcium carbonate, while water with a Langelier Index less than zero will tend to dissolve calcium carbonate. Maintaining water with a slightly positive Langelier Index has traditionally been believed to provide protection from corrosion. Higher influent copper loadings in 2005 and 2006 tended to occur when the potable water Langelier Index was negative.

RWQCP staff met with SFPUC staff in July 2007 to discuss the possible links between increases in copper influent and SFPUC water quality parameters. SFPUC provided literature suggesting that the conditions under which their water supply has a negative Langelier Index (low dissolved inorganic carbon and pH greater than 9) should be very protective against copper corrosion. They also explained that California Department of Public Health has agreed that pH control is the optimal corrosion control treatment for their water supply, and that there is little evidence that Langelier Index correlates with leaching of copper.

Figure 6-6 provides the influent concentration and SFPUC Langelier Index data through 2008. Influent and Langelier Index data from 2007 and 2008 do not show the correlation observed during previous years. Instead, Langelier Index is seen to be relatively stable at a slightly negative value during the summer, while influent copper increases dramatically. The high influent copper concentrations in mid-2007 may be at least partially attributable to the cleaning of a large sewer trunkline that conveys the majority of the RWQCP's influent flow to the plant. This cleaning took place during June and July; a full cleaning of the trunkline had not previously occurred in the RWQCP's 35 years of operation. In addition, the City of Palo Alto Utilities Department hired a contractor to clean and videotape 95 percent of the City's 200 miles of collection system in 2005 and 2006. It is possible that these activities may have contributed to the higher influent loadings observed in those years. However, these activities were completed before 2008, when the same pattern of high copper concentrations in the summer months was observed.

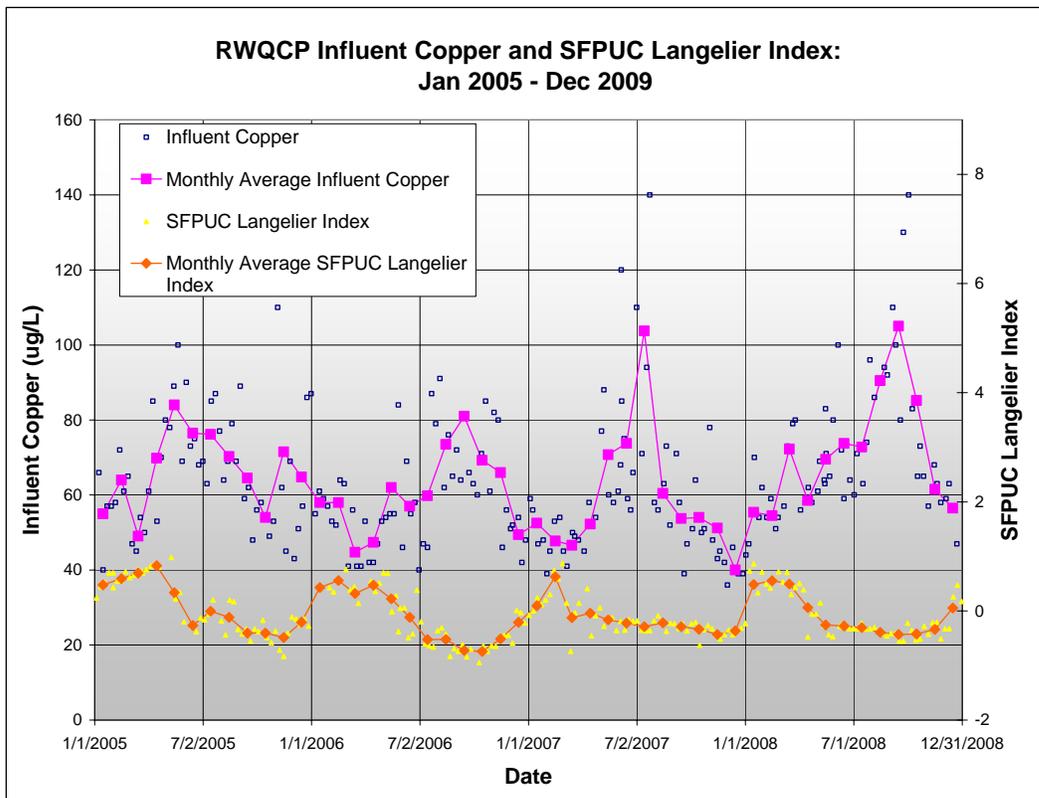


Figure 6-6. RWQCP Influent Copper and SFPUC Langelier Index

Although evaluations of the connection between water supply chemistry and influent copper concentrations are not planned for 2010, the RWQCP continues to track the weekly water supply data provided by SFPUC. The influence of higher ambient air temperatures during the summer months, when copper corrosion seems to be greatest, may be an important factor in understanding the seasonal copper concentration pattern. A preliminary comparison of air temperature data for Palo Alto appears to show a strong relationship for calendar years 2005 and later. Daily ambient air temperature data is also being collected for future analysis.

2. Elevated Copper in Incinerator Ash

As described in the 2007 Clean Bay Plan, RWQCP staff became concerned in 2006 that higher levels of copper were being measured in its incinerator ash by the total threshold limit concentration (TTLC) and soluble threshold limit concentration (STLC) tests. The copper STLC test had sometimes measured individual values greater than the California hazardous waste limit of 25 milligrams per liter. (Compliance with the hazardous waste limit is based on a long term average.). In 2006, the RWQCP investigated why TTLC copper values increased dramatically in 1999 through 2000, more than doubling the values that were measured in 1997 and 1998 (Figure 6-7).

Analyses on archived ash samples from this time period, and on more recent samples, demonstrated that in 1999-2000 the TTLC and STLC tests began measuring a greater percentage of the true total amount of copper present in the ash. Even though the TTLC test has the word “total” in it, the nitric acid digestion used in the TTLC test does not dissolve some forms of copper. A more complete measure of the total copper can be made with a digestion that uses hydrofluoric acid. It appears that characteristics of the ash changed in the 1999-2000 timeframe to allow more of the copper that had always been present in the ash to be solubilized by the TTLC and STLC tests. There are multiple factors that could have contributed to this change, including:

- Solids from the February 1998 flood working their way through the plant,
- Rehabilitation of the sedimentation tanks,
- Rehabilitation of the incinerators, and
- The first cleaning of the 72” influent line.

We do not have a good understanding of how these events could have caused more copper to be captured by the TTLC and STLC tests.

In Summer 2007, the RWQCP responded to the increased copper concentrations measured by the STLC test by diverting its incinerator ash to a hazardous waste landfill. It is hoped that shipping the ash to the hazardous waste landfill will be a temporary measure, and that it will be possible to resume beneficial use of the ash as a fertilizer for farm and pasture land application. In 2010, as described in *Section 7, Programs for Other Pollutants*, the RWQCP will work to reduce molybdenum concentrations in the ash to ensure that the ash meets or exceeds all California Department of Food and Agriculture requirements for registration as a Commercial Fertilizer. If molybdenum concentrations can be reduced to acceptable levels, we will consider working with an agronomist to demonstrate that the copper concentrations in the ash are safe for land application, and to

work with the Department of Toxic Substances Control to obtain a waiver that would allow a resumption of land application.

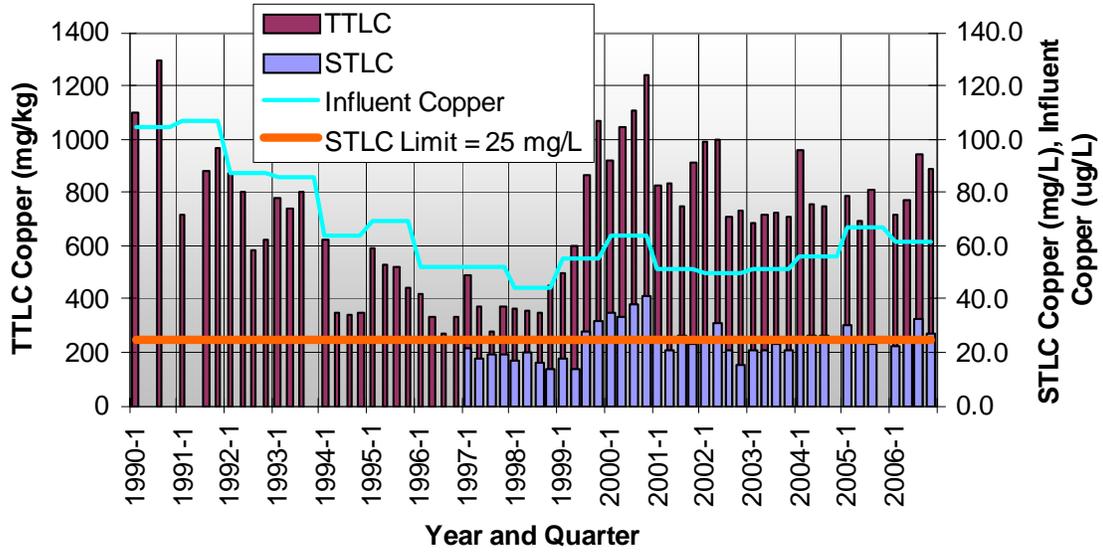


Figure 6-7. RWQCP Quarterly Average TTLC and STLC Copper in Ash, Annual Average Influent Copper (1990 – 2006)