



San Mateo County Health System

September 9, 2014

Mr. Bruce H. Wolfe
Executive Officer
San Francisco Bay Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Subject: **Unincorporated Area of San Mateo County**
FY 2013/14 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by Unincorporated Area of San Mateo County 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 compliance activities conducted during FY 2013/14 and related accomplishments.

Please contact Heather Forshey at 650-372-6200 regarding any questions or concerns.

Very truly yours,

A handwritten signature in blue ink that reads "Heather Forshey".

Heather Forshey
Director, Environmental Health

Cc: Jim Porter, Director of Public Works

Environmental Health

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**UNINCORPORATED AREA OF SAN MATEO COUNTY
FY 2013/14 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 of Duly Authorized Representative:



Heather Forshey
Director, Environmental Health

9/9/2014
Date

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Permittee Name: County of San Mateo

Section 1 – Permittee Information

Background Information			
Permittee Name:	County of San Mateo		
Population:	61,222 (Unincorporated areas only)		
NPDES Permit No.:	CAS612008		
Order Number:	R2-2009-0074R		
Reporting Time Period (month/year):	July 2013 through June 2014		
Name of the Responsible Authority:	Heather Forshey	Title:	Director, Environmental Health
Mailing Address:	2000 Alameda de las Pulgas, Suite 100		
City:	San Mateo	Zip Code:	94403
		County:	San Mateo
Telephone Number:	(650) 372-6200	Fax Number:	(650) 627-8244
E-mail Address:	hforshey@smcgov.org		
Name of the Designated Stormwater Management Program Contact (if different from above):	Jim Eggemeyer	Title:	Director, Office of Sustainability
Department:	Office of Sustainability		
Mailing Address:	400 County Center, 1 st Floor		
City:	Redwood City	Zip Code:	94063
		County:	San Mateo
Telephone Number:	(650) 363-4189	Fax Number:	(650) 363-1916
E-mail Address:	JEggemeyer@smcgov.org		

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

During FY 13-14, County staff regularly attended and participated in NPDES Technical Advisory Committee, Municipal Maintenance Subcommittee, and Trash Control Subcommittee meetings. Annual inspections were completed for all Department of Public Works (DPW) and Department of Parks (County Parks) Corp Yards, and stormwater BMPs were implemented as detailed in the site specific Stormwater Pollution Prevention Plans (SWPPP). Pump station monitoring and inspections were completed, and no corrective actions were required. All road maintenance activities were conducted in accordance with the MRP and the County of San Mateo Watershed Protection Maintenance Standards (2004). Twenty DPW Roads staff and twelve County Parks staff attended the November 14, 2013 Municipal Maintenance Rural Roads Workshop. Please see the C.2 Municipal Operations section of the SMCWPPP FY 13-14 Annual Report for a description of activities implemented at the countywide level and/or regional level.

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

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

Y	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater.
Y	Control of concrete slurry and wastewater, asphalt, pavement cutting, and other street and road maintenance materials and wastewater from discharging to storm drains from work sites.
Y	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments:

DPW Roads and County Parks sweeping logs were completed and are kept on file. Most streets in residential and retail areas were swept twice per month, and an area within unincorporated North Fair Oaks was swept once per week. Arterial roads were generally swept twice per month. Street sweeping schedules and maps are posted at: <http://publicworks.smcgov.org/street-sweeping-maps-and-schedules>. Street sweeping was conducted monthly at the following San Mateo County Parks: Coyote Point Recreation Area, Coyote Point Marina, Devil's Slide, Edgewood, Fitzgerald Marine Reserve, Flood, Huddart, Junipero Serra, Pescadero Park Complex, San Bruno Mountain, and San Pedro Valley.

All DPW and County Parks road maintenance activities were conducted in accordance with the MRP and the County of San Mateo Watershed Protection Maintenance Standards (2004). These standards were developed in conjunction with FishNet 4C, a County-based salmon protection and restoration program that brings together the central coast counties of Mendocino, Sonoma, Marin, San Mateo, Santa Cruz and Monterey, the National Marine Fisheries Service, and the CA Department of Fish and Wildlife. The Maintenance Standards manual was created to

meet NPDES requirements as well the Endangered Species Act Section 4(d) Rule for steelhead and salmon.

For maintenance projects involving construction with fill or potential impacts to water quality, creeks, wetlands, and/or special status species (i.e., culvert replacements, slip-out repairs, sediment removal), environmental permits were obtained from the appropriate regulatory agencies (i.e., Department of Fish and Wildlife Streambed Alteration Agreement, Water Board 401 WQ certification, Army Corps Permit, Section 7 consultations, Coastal Development Permit, CEQA compliance). Many of the obtained permits for DPW projects required additional BMPs and protective measures, which were implemented by DPW. For DPW projects requiring environmental permits, County biologists prepared and submitted memos to the Roads Manager and Construction Supervisors containing copies of all applicable permits and detailing specific BMP requirements. A monitoring biologist was onsite for DPW projects at high priority sites (i.e., coastal zone and/or sensitive habitat).

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

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

Y	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

The County Facilities, Maintenance and Operations (FMO) Section performs maintenance of the County's parking garage and parking lots using a sweeper truck. The parking garage is typically swept twice per month, and the parking lots are swept monthly. The sweeper truck sprays and picks up the water as it sweeps. The water and debris are off loaded at Grant Yard in Redwood City, where the solids are separated out for disposal at a solid waste landfill and the water is diverted to the sanitary sewer system for further treatment. FMO conducted power washing at County facilities on an as-needed infrequent basis. BASMAA BMPs were implemented (i.e., dry sweeping and routing wash water to landscaped areas). FMO implements BASMAA Mobile Surface Cleaner Programs BMPs when applicable.

County Park staff complete the BASMAA online training annually and implement BMPs for corporation yard and paved area surface cleaning.

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

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

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

Comments:

No DPW bridge and structural maintenance activities were conducted directly over water or into storm drains during this reporting period. The Construction Services Section (CSS) of DPW conducts a very limited and small scale graffiti abatement program. CSS does not engage in graffiti removal/abatement over or near bodies of water, nor maintenance of bridges, underpasses and/or Caltrans' structures or right-of-ways. CSS only performs minor urban graffiti removal (mostly traffic signs, benches, phone booths, fences, walls) where wash water use is very seldom necessary. Graffiti abatement typically consists of painting over the graffiti and/or removal using environment-friendly, biodegradable products. These processes do not generate airborne or downstream residue/contaminants. No pressure/power washing was conducted for graffiti abatement during this reporting period. CSS staff have completed the online BASMAA training program and implement BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal activities.

County Parks replaced a footbridge at Fitzgerald Marine Reserve as part of the California Coastal Trail. All required permits from agencies were secured and Watershed Protection BMPs were followed.

C.2.d. ► Stormwater Pump Stations					
Does your municipality own stormwater pump stations:		<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If your answer is No then skip to C.2.e.					
Complete the following table for dry weather DO monitoring and inspection data for pump stations ¹ (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt.					
Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data		
	Date	mg/L	Date	mg/L	
Athlone Terrace Pump Station, Bay Road and SPUR Tracks, Unincorporated Menlo Park	8/8/13	8.6	9/23/13*	N/A	
Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions: No corrective actions were needed as all DO concentrations were greater than 3 mg/L.					
*The data sheet for 9/23/13 is not available, and the employee who collected the data is no longer employed by the County. Photos from the field monitoring are on file and available to confirm that the monitoring was conducted. Values were presumed to be above the 3 mg/L corrective action threshold, as if not, immediate corrective actions would have been taken. Current staff responsible for monitoring have been reminded of records procedures.					
As reported in the County's FY 12-13 Annual Report, DPW owns and maintains an additional pump station, the 5th Avenue Underpass Pumping Plant in unincorporated North Fair Oaks, which is located in the vicinity of the above-listed Athlone Terrace Pump Station. The 5th Avenue pump station pumps water from an underpass up to the 5th Avenue/Edison Way storm drain line, which in turn flows to the Athlone Terrace Pump Station located downstream. Per MRP Provision C.2.d.ii (2), DO monitoring is not required at this location because the discharge remains in the stormwater collection system. However, DPW has periodically monitored DO at this location. Summer DO levels at the 5th Avenue pump station generally range between 3 and 4 mg/L, which is not unexpected as the composition is primarily groundwater without direct contact with the atmosphere (i.e., wind, sun, plants). The pump station wet well/holding area is located underground with an access cover and thus has no direct access to sunlight or wind. The water is naturally oxygenated prior to discharging to receiving waters as evident by the higher/increased DO concentrations observed at the Athlone Terrace Pump Station located downstream. DPW no longer monitors this station on a regular basis.					
Summary: N/A					
Attachments: N/A					

¹ DO monitoring is exempted where all discharge from a pump station remains in a stormwater collection system or infiltrates into a dry creek immediately downstream.

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Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations): Wet weather pump station inspections were conducted throughout the 13-14 rainy season. Data are listed below. The February inspections were conducted immediately after storm events following an approximate two-week dry period.						
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)
Required Wet Weather Pump Station Inspections Following Storm Criteria Specified in MRP						
5th Avenue Underpass Pumping Plant, 5th Avenue and CalTrain Bridge, Unincorporated North Fair Oaks	2/3/14	0.1	no	no	yes	yes
5th Avenue Underpass Pumping Plant, 5th Avenue and CalTrain Bridge, Unincorporated North Fair Oaks	2/27/14	0.2	no	no	no	no
Athlone Terrace Pump Station, Bay Road and SPUR Tracks, Unincorporated Menlo Park	2/3/14	0.2	no	no	yes	no
Athlone Terrace Pump Station, Bay Road and SPUR Tracks, Unincorporated Menlo Park	2/27/14	0.4	no	no	no	no
Additional Rainy Season Pump Station Inspections						
5th Avenue Underpass Pumping Plant, 5th Avenue and CalTrain Bridge, Unincorporated North Fair Oaks	10/1/13	0.1	no	no	no	no
5th Avenue Underpass Pumping Plant, 5th Avenue and CalTrain Bridge, Unincorporated North Fair Oaks	11/4/13	0	no	no	no	no
5th Avenue Underpass Pumping Plant, 5th Avenue and CalTrain Bridge, Unincorporated North Fair Oaks	12/3/13	0.2	no	yes	yes	no
5th Avenue Underpass Pumping Plant, 5th Avenue and CalTrain Bridge, Unincorporated North Fair Oaks	1/7/14	0.5	no	no	no	no
5th Avenue Underpass Pumping Plant, 5th Avenue and CalTrain Bridge, Unincorporated North Fair Oaks	4/1/14	0.1	no	no	no	no

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5th Avenue Underpass Pumping Plant, 5th Avenue and CalTrain Bridge, Unincorporated North Fair Oaks	4/30/14	0	no	no	no	no
Athlone Terrace Pump Station, Bay Road and SPUR Tracks, Unincorporated Menlo Park	10/1/13	0.1	no	no	yes	no
Athlone Terrace Pump Station, Bay Road and SPUR Tracks, Unincorporated Menlo Park	11/4/13	0	no	no	no	no
Athlone Terrace Pump Station, Bay Road and SPUR Tracks, Unincorporated Menlo Park	12/3/13	1	no	no	no	no
Athlone Terrace Pump Station, Bay Road and SPUR Tracks, Unincorporated Menlo Park	1/7/14	0	no	no	no	no
Athlone Terrace Pump Station, Bay Road and SPUR Tracks, Unincorporated Menlo Park	4/1/14	0.1	no	no	no	no
Athlone Terrace Pump Station, Bay Road and SPUR Tracks, Unincorporated Menlo Park	4/30/14	0.1	yes	yes	yes	no

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 a Y in the boxes next to activities where applicable BMPs were implemented. If not applicable, type NA in the box and provide an explanation in the comments section below. Place an N in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.			
<input checked="" type="checkbox"/> Y	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas		
<input checked="" type="checkbox"/> Y	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources		
<input checked="" type="checkbox"/> Y	No impact to creek functions including migratory fish passage during construction of roads and culverts		
<input checked="" type="checkbox"/> Y	Inspection of rural roads for structural integrity and prevention of impact on water quality		
<input checked="" type="checkbox"/> Y	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion		
<input checked="" type="checkbox"/> Y	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"/> Y	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: County of San Mateo Watershed Protection Maintenance Standards (2004) were implemented to improve drainage and reduce sedimentation from roads and trails within the County Parks system (2 miles of Summit Loop Trail on San Bruno Mountain, 0.2 miles of Towne Fire Road of rural road at Sam MacDonald County Park, and 10 miles of service road or trail at Edgewood County Park). All DPW and County Parks rural roads construction and maintenance activities were also conducted in accordance with the County of San Mateo Watershed Protection Maintenance Standards (2004), which includes BMPs for rural roads. For rural road construction projects, including emergency repairs (i.e., slip-outs), conducted within the coastal zone and/or sensitive habitat, a County biologist or other qualified biologist was on site to monitor construction activities and BMP implementation. Additional permits (i.e., Department of Fish and Wildlife Streambed Alteration Agreement, Water Board 401 WQ certification, Army Corps Permit, Section 7 consultations, Coastal Development Permit, CEQA compliance) were obtained for all rural road construction projects with fill or potential impacts to water quality, creeks, wetlands, and/or special status species. Many of those permits also</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.

required BMP and additional protective measures. For DPW projects, these measures were implemented and detailed in memos from a County biologist to the Roads Manager and Construction Supervisor. DPW rural roads construction projects included culvert replacements and slip-out repairs. Twenty DPW Roads staff and twelve County Parks staff attended the November 14, 2013 Municipal Maintenance Rural Roads Workshop.

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C.2.f. ► Corporation Yard BMP Implementation	
Place an X in the boxes below that apply to your corporations yard(s):	
<input type="checkbox"/>	We do not have a corporation yard
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:	
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants
<p>Comments:</p> <p>The DPW Roads Maintenance Division does not wash vehicles or equipment in the rural Corp Yards. Clean out and vehicle washing occurs at the two main facilities in Redwood City (Grant Yard and Motor Pool), both of which are connected to the Redwood City sanitary sewer system. Parks Corp Yards such as Coyote Point, Junipero Serra, Huddart and Memorial are equipped with wash down racks connected to the sanitary sewer system, septic leach fields, or storage tanks at the more remote locations.</p> <p>As described in the FY 12-13 Annual Report, the Regional Board Notice of Deficiency letter issued on January 8, 2013 prompted an internal review of the Corp Yard inspection program and stormwater pollution prevention activities. Throughout FY 13-14, BMP enhancements were implemented at the County Corp Yards to improve on-site stormwater pollution prevention, and the SWPPPs for each site were updated accordingly. Examples of enhancements included implementation and/or replacement of site perimeter BMPs, covering of outdoor material storage piles, storm drain inlet marking with an appropriate stormwater pollution prevention message, and general improved housekeeping.</p> <p>The Corp Yard inspection program internal review identified a DPW outdoor storage area in Pescadero that was not included in the inspection program and that did not have a site specific Corp Yard SWPPP. The storage area is not what would typically be considered a "Corp Yard" and was inadvertently not included in the Corp Yard program. DPW incorporated this storage area as part of the Pescadero Corp Yard. DPW stormwater staff worked with the Roads Maintenance Division to ensure that appropriate BMPs were implemented at the site, and the Pescadero Corp Yard SWPPP was revised to include this storage area. The storage area is now included in the inspection for the Pescadero Corp Yard.</p>	

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Two additional facilities (County Motor Pool at County Center, Redwood City and Construction Services' Complex at Tower Road, San Mateo) have also been added to the inspection schedule and SWPPPs were prepared for each site.

In addition to the CEH routine Haz Mat and stormwater inspections, DPW staff with specialized training in conducting stormwater inspections are now performing pre-rainy season inspections. Pre-rainy season inspections were conducted in September 2013.

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
Grant Yard (Redwood City)	9/26/13	No violations.	No follow-up actions required.
Pescadero	9/25/13	No violations. Although perimeter erosion control methods were being employed, the inspector recommended that all outdoor stockpiles additionally be covered.	Tarp ordered. Installed on 11/7/13.
Pescadero (Haz Mat Inspection)	5/22/14	No violations.	No follow-up actions required.
La Honda	9/25/13	No violations. Although perimeter erosion control methods were being employed, the inspector recommended that all outdoor stockpiles additionally be covered.	Tarps ordered. Installed on 1/24/14.
La Honda (Haz Mat Inspection)	5/22/14	No violations. Although secondary containment was in place for used oil temporary storage and perimeter controls were present, inspector recommended future BMP to insure that waste oil does not get into the adjacent drainage.	Waste oil container will be moved away from the adjacent drainage prior to the start of the rainy season. Follow-up inspection will be conducted prior to the start of the 2014/2015 rainy season.
Princeton	9/25/13	No violations. Although perimeter erosion control methods were being employed, the inspector recommended that all outdoor stockpiles additionally be covered.	Tarps ordered. Installed on 1/24/14.
Princeton (Haz Mat Inspection)	5/22/14	No violations.	No follow-up actions required.
County Motor Pool	9/24/13	No violations.	No follow-up actions required.

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Tower Road	9/26/13	No violations.	No follow-up actions required.
Tower Road (Haz Mat Inspection)	4/22/14	No violations.	No follow-up actions required.
Coyote Point Main Yard	9/4/13	No violations.	No follow-up actions required.
Coyote Point Main Yard (Haz Mat Inspection)	10/29/13	No violations.	No follow-up actions required.
Flood County Park	9/4/13	No violations.	No follow-up actions required.
Flood County Park (Haz Mat Inspection)	6/27/14	No violations.	No follow-up actions required.
Huddart County Park	9/4/13	No violations. Recommendations included: 1) Installing shelving and/or drip pans in the indoor storage area where chain saws are stored, and 2) covering base rock stockpile.	All findings were addressed as verified by follow up inspection 11/15/13.
Junipero Serra County Park	9/4/13	No violations.	No follow-up actions required.
Memorial County Park	9/5/13	No violations. Recommendations included: 1) Installing shelving and/or drip pans in the indoor storage area where chain saws are stored, 2) adding a spill kit for the lower shop, and 3) removing piles of creosote lumber and concrete rubble, 4) disposing of hazardous wastes stockpile at approved collection site, and 5) correcting drainage improvements in front of wash down rack to prevent sedimentation into wash down rack.	All findings were addressed as verified by follow-up inspection 11/15/13.
San Pedro Valley County Park	9/5/13	No violations.	No follow-up actions required.
San Pedro Valley County Park (Haz Mat Inspection)	5/30/14	No violations.	No follow-up actions required.

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

C.3.b.v.(2)(a) ► Green Streets Status Report

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

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

Summary:

The County does not have a pilot green street project within its jurisdiction.

The C.3 New Development and Redevelopment section of the SMCWPPP FY 13-14 Annual Report includes a description of activities conducted at the countywide or regional level.

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

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

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

(For FY 11-12 Annual Report and each Annual Report thereafter)

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?

	Yes	X	No One (1) public project
--	------------	---	----------------------------------

Comments (optional):

Alternative Compliance was allowed for the County's Seal Cove Roads Improvement Project. See Section C.3.b.v.(1).

C.3.e.vi ► Special Projects Reporting

<p>1. Has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?</p>		<p>Yes</p>	<p>X</p>	<p>No The County has not received any development permit applications for any projects that would be identified as a potential Special Project.</p>
<p>2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2014 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.</p>		<p>Yes</p>	<p>X</p>	<p>No The County did not identify any Special Projects in the March 15, 2014 report.</p>
<p>If you answered "Yes" to either question, 1) Complete Table C.3.e.vi . below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.</p> <p>This section is not applicable, as the County Planning & Building Department has NOT received a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C). The County did not identify any Special Projects in the March 15, 2014 report.</p>				

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: The County conducted all required O&M Verification Inspections as listed in Table C.3.h.iv.(1). The County requires all owners of property with a recorded O&M Agreement to submit an Annual Report by December 31st of each year, which describes inspections throughout the year of treatment measures and required maintenance activities as per O&M Agreement.</p> <p>This fiscal year, the County inspected a vault-based facility and treatment system installed at four residences associated with a larger plan of development at Camino A Los Cerros in Menlo Park. Similar to last year, County staff found that while applicants, particularly homeowners, try to keep the facility in as good a condition as possible, they know very little regarding the functioning of their systems. The County has recommended that the homeowners retain a private company specializing in stormwater system maintenance to meet maintenance and reporting requirements. Many homeowners have retained this service.</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).

Summary:
 The County continues to implement its post-construction O&M annual reporting and inspection program in an effective manner compliant with the MRP. Planning staff has added inspection requirements to template conditions of approval for planners to add to approval decision letters for C3 Regulated Projects.

(4) During the reporting year, did your agency:

<ul style="list-style-type: none"> Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation? 	X	Yes		No		Not applicable. No new facilities were installed.
<ul style="list-style-type: none"> Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls?³ 	X	Yes		No		Not applicable. No treatment measures
<ul style="list-style-type: none"> Inspect at least 20 percent of the total number of installed vault-based systems? 	X	Yes		No		Not applicable. No vault systems.

If you answered "No" to any of the questions above, please explain:
 Not applicable, as all answers are yes.

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

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

Summary:
 BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. The County has modified local procedures and checklists to require all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i. The County's C.3.i implementation consists of the following:

- Distribution of BASMAA's site design fact sheets at the counter and on the County's website.
- Distribution and collection of the SMCWPPP C.3 Regulated Projects Checklist prior to approval of discretionary/issuance of non-discretionary permits.

³ If there is only 1 treatment measure in the jurisdiction, the agency must inspect it every year.

Permittee Name: County of San Mateo

- Distribution of C.3.i guidance provided by the SMCWPPP C.3 Stormwater Technical Guidance document Appendix L
- Planning staff prepared NPDES process guidance for Planning and Building projects, including instructions for staff to add conditions of approval applicable to C.3.i. prior to discretionary permit approval.

Eleven County staff attended the SMCWPPP Annual C.3 Workshop on 6/11/14 that included presentations on Provision C.3 requirements and how to review projects for permit compliance.

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 ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
Private Projects											
Pomponio Ranch New Barn & Arena	3300 Pomponio Road, Pescadero	Kerry Burke	N/A	Construction of a new 9,430 sf barn for horse breeding, consolidation of two existing arenas totaling 48,865 sf to create a new 41,990 sf arena	Pomponio Creek	219 acres	2 acre	13,939 sf	2,845 sf	67,177 sf	81,116 sf
Grove Subdivision	1005 Lakeview Way, Redwood City	Ron Grove	N/A	Subdivision of a 45,681 sf parcel to create 2 parcels, 21,209 sf and 24,472 sf in size	Redwood Creek	1.05 acres	Less than 1 acre	0	11,420 sf	20,685 sf	20,685 sf
Skylawn Master Plan Phase 1 Expansion	100 Lifemark Road, Half Moon Bay	North Star Memorial Group	Phase 1	Expansion of the previously approved Phase 1 Project to include an additional approximate 7-acre area to prepare the land for in-ground burials as well as the construction of access improvements	Pilarcitos Creek	521 acres	8.1 acres	8,350 sf	4,350 sf	6,150 sf	14,500 sf

¹⁰ Include cross streets

¹¹ If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

¹² 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.

¹³ State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

¹⁴ All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹⁵ All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁶ For redevelopment projects, state the pre-project impervious surface area.

¹⁷ For redevelopment projects, state the post-project impervious surface area.

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 ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
Autobahn Motors	510 Harbor Blvd., Belmont	Autobahn Motors	N/A	New 36,123 sf "AUTOBAHN MOTORS SERVICE CENTER" comprised of : Office, Service Area, Parts Storage, Carwash Area and Parking	Belmont Creek	2.19 acres	1.88 acres	0	80,890 sf	81,834 sf	80,890 sf
Peninsula Golf and Country Club	701 Madera Dr., San Mateo	Cliff Bechtel	N/A	2 storage buildings (6,400 sf and 6,000 sf), over 5,000 sf paving and parking improvements, with 700 cy of grading	Pulgas/Laurel Creek	2 acres	0.9 acre	43,800 sf	17,173 sf	51,786 sf	95,586 sf
Woodland School	360 La Cuesta Drive, Portola Valley	DES Architects	N/A	Construction of 3 new buildings including a new gym, classroom building, and administrative building/auditorium; includes new drop off lane and on-site parking	San Francisquito Creek	10.08 acres	2.55 acres	11,642 sf	26,951 sf	112,514sf	124,156 sf
Clos Del La Tech Winery	1000 Fern Hollow Road, La Honda	Rick Guidice	N/A	New 5,130 sf Agricultural Building	San Gregorio Creek	155.8 acres	0.68 acres	23,586 sf	0	0	23,586 sf
Shell Gas Station	3201 El Camino, Redwood City	AU Energy	N/A	New Gas Station with Fueling Canopy, Convenience Store, Conditioned Utility/Storage & Carwash	Redwood Creek	0.43 acre	0.43 acre	105 sf	17,162 sf	17,162 sf	17,267 sf
Public Projects											

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 ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
Seal Cove Roads Improvement Project	Del Mar Ave., Madrone Ave., and San Ramon Ave., in the Seal Cove area; Carlos Street at California in Moss Beach.	Zack Azzari, Department of Public Works, County of San Mateo	N/A	Paving approx. 1,500 linear ft of existing dirt road and installation of stormwater treatment measures.	Pillar Point Marsh, James V. Fitzgerald ASBS	0.83 acre	0.83 acre	22,650 sf	1,857 sf	2,639 sf	24,507 sf
Comments: None											

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

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
Private Projects										
Pomponio Ranch New Barn & Arena	2/6/14	3/13/14	Landscaping	Runoff directed to vegetation, clustered development, landscape-based detention, protect sensitive areas	Bio-retention facility	O&M Agreement with private landowner required prior to Building's final approval of the project	1b	N/A	N/A	Project is exempt from HM Controls as project results in less than 1 acre of new or replaced impervious surface
Grove Subdivision	4/10/14	6/23/14	Landscaping, fire sprinkler water discharge to landscaping	Minimize land disturbance, cluster development	Bio-retention facility	O&M Agreement with private landowner required prior to Building's final approval of the project	2c	N/A	N/A	Project is exempt from HM Controls as project results in less than 1 acre of new or replaced

¹⁸ For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁹ For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

²⁰ 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.

²¹ 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.

²² 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.).

²³ 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.

²⁴ See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

²⁵ 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.

²⁶ 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.

²⁷ Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁸ If HM control is not required, state why not.

²⁹ 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 (private projects)

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
										impervious surface
Skylawn Master Plan Phase 1 Expansion	3/7/14	4/25/14	Landscaping	Micro-detention, protect sensitive areas, self-treating and self-retaining areas	Infiltration Trench	O&M Agreement with private landowner required prior to Building's final approval of the project	2c	N/A	N/A	Project is exempt from HM Controls as project results in less than 1 acre of new or replaced impervious surface
Autobahn Motors	No discretionary permit required. Building permit issued 6/24/14 ¹⁸ .	6/24/14	Parking garage to sanitary sewer, roofed refuse area, car wash to sanitary sewer	Runoff to vegetated areas, micro-detention	Bio-retention facility	O&M Agreement with private landowner required prior to Building's final approval of the project	2c	N/A	N/A	Project is exempt from HM Controls as site is located in the "Exempt Area" of the HM Map.
Peninsula Golf and Country Club	12/12/13	1/6/2014	Landscaping, contained outdoor equipment areas	Run-off to vegetated areas, micro-detention, self-treating and self-retaining areas	Bio-retention facility	O&M Agreement with private landowner required prior to Building's final approval of the project	2c	N/A	N/A	HM Control Required. On-site HM Control using detention tank with infiltration.
Woodland School	4/16/13	8/7/13	Covered refuse areas, floor drains to sewer, marked inlets,	Self-treating areas, micro- detention	Bio-retention facility	O&M Agreement with private landowner required prior to Building's final approval of the	2c	N/A	N/A	Project is exempt from HM Controls as project results in less than 1

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

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
			landscaping source control measures			project				acre of new or replaced impervious surface
Clos Del La Tech Winery	No discretionary permit required. Building permit issued 1/21/14 ¹⁸ .	1/21/14	Contained outdoor equipment and fueling areas	Permeable surfaces, runoff to vegetation, cluster development, protect sensitive areas, self-treating and self-retaining areas	Bio-retention facility	O&M Agreement with private landowner required prior to Building's final approval of the project	2c	N/A	N/A	Project is exempt from HM Controls as project results in less than 1 acre of new or replaced impervious surface
Shell Gas Station	No discretionary permit required. Building permit issued 3/18/14 ¹⁸ .	3/18/14	Covered refuse areas, covered fueling areas, floor drains and carwash to sanitary sewer,	Runoff to vegetated areas	Bio-retention facility	O&M Agreement recorded on 7/22/14.	2c	N/A	N/A	Project is exempt from HM Controls as project results in less than 1 acre of new or replaced impervious surface
Comments: None										

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

Project Name Project No.	Approval Date ³⁰	Date Construction Scheduled to Begin	Source Control Measures ³¹	Site Design Measures ³²	Treatment Systems Approved ³³	Operation & Maintenance Responsibility Mechanism ³⁴	Hydraulic Sizing Criteria ³⁵	Alternative Compliance Measures ^{36/37}	Alternative Certification ³⁸	HM Controls ^{39/40}
Public Projects										
Seal Cove Roads Improvement Project	6/9/14	8/20/14	Landscaping	Runoff to vegetated areas, minimize land disturbance, Protect sensitive areas.	Bio-retention facility and pervious pavement will be installed at an In-lieu Alternative Site at within the same ASBS watershed.	Memorandum of Understanding	1b	Bio-retention facility and pervious pavement installed at an In-lieu Alternative Site at within the same ASBS watershed.	N/A	Project is exempt from HM Controls as project results in less than 1 acre of new or replaced impervious surface
Comments: None										

³⁰ For public projects, enter the plans and specifications approval date.

³¹ 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.

³² 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.

³³ 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.).

³⁴ List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

³⁵ See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

³⁶ 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.

³⁷ 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.

³⁸ Note whether a third party was used to certify the project design complies with Provision C.3.d.

³⁹ If HM control is not required, state why not.

⁴⁰ 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.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ⁴¹	Party Responsible ⁴² For Maintenance	Date of Inspection	Type of Inspection ⁴³	Type of Treatment/HM Control(s) Inspected ⁴⁴	Inspection Findings or Results ⁴⁵	Enforcement Action Taken ⁴⁶	Comments/Follow-up
Rathgar Estates	10 Rathgar Court, Redwood City	Yes	William Johnson, Property Owner	8/6/2013	45-Day	On site system, detention system with in line BioSwale	Installed as approved.	None.	None.
3200-3280 Alpine Road, Ladera (Offices)	3200-3280 Alpine Road, Ladera	Yes	VIKING-CULLEY PARTNERS, Property Owner	6/25/14	45-Day	Bioretention area	Installed as approved.	None.	None.
Mindego Staging & Parking Area	5755 Alpine Road, La Honda	Yes	Midpeninsula Regional Open Space District	2/6/14	45-Day	Detention and infiltration basin	Installed as approved.	None.	None.
El Corte de Madera Creek Open Space Preserve, Public Access Staging Area	6070 SKYLINE BLVD, La Honda	Yes	Midpeninsula Regional Open Space District	1/22/14	45-Day	Biofilter and Bio-retention basin	Installed as approved.	None.	None.
Ladera Oaks Swim & Tennis Club	3249 Alpine Road, Portola Valley	No	Jim Gorman, General Manager	1/8/2014	20%/5-Year	Swale and Infiltration Trench	No visible problems	None.	None.
Moone Residence	1875 Camino a Los Cerros, Menlo Park	No	Michael Moone (Property Owner)	1/28/2014	20%/5-Year	Drywell, Detention Box, Inlets	No visible problems	None.	Not Applicable.
Parker Residence	1885 Camino a Los Cerros, Menlo Park	No	Mitchell Parker	1/17/2014	20%/5-Year	Drywell, Detention Box, Inlets	No visible problems	None.	Not Applicable.
Wilson Residence	1877 Camino a Los Cerros, Menlo Park	No	Andrew and Angelique Wilson	1/17/2014	20%/5-Year	Drywell, Detention Box, Inlets	No visible problems	None.	Not Applicable.

⁴¹ Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

⁴² State the responsible operator for installed stormwater treatment systems and HM controls.

⁴³ State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

⁴⁴ State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

⁴⁵ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

⁴⁶ State the enforcement action(s) taken, if any.

C.3.e.vi.Special Projects Reporting Table												
Reporting Period – January 1 – June 30, 2014												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴⁷	Status ⁴⁸	Description ⁴⁹	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category ⁵⁰	LID Treatment Reduction Credit Available ⁵¹	List of LID Stormwater Treatment Systems ⁵²	List of Non-LID Stormwater Treatment Systems ⁵³
None												

⁴⁷ Date that a planning application for the Special Project was submitted.

⁴⁸ Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

⁴⁹ Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁵⁰ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁵¹ For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

⁵²: List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

⁵³ List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

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

Program Highlights

Provide background information, highlights, trends, etc.

County Environmental Health (CEH) revised the Business Inspection Plan (BIP) and Enforcement Response Plan (ERP) on May 17, 2013. The BIP more clearly identifies the methods for establishing facility inspection priorities and frequencies and methods used to identify new businesses. The list of businesses requiring inspection clarifies which types of Industrial and Commercial businesses covered by the MRP are inspected. In San Mateo County, CEH has determined that retail food facilities have a reasonable likelihood to be sources of pollutants to stormwater and non-stormwater discharges and have been specifically identified in the BIP. The ERP has been revised to include a flow chart of violation levels, enforcement actions, compliance time frames, and return-to-compliance status.

County Environmental Health continues to update the list of facilities that potentially discharge to the storm drain system. The Hazardous Materials Notification Form provided to the County Planning and Building Department is used to inform CEH each time a business applies for a building permit to ensure that new facilities are evaluated for stormwater compliance and added to the inspection inventory, if applicable. New facilities are routinely added as a result of drive by inspections (e.g., discovery while driving to another inspection) and complaint investigations. In addition, the CEH Plan Checker also reviews all construction projects throughout the County for any retail food-related facilities that are subject to stormwater inspections, but are not currently inspected.

Additional inspections were conducted for the first time this year during the rainy season (between October 1 through April 30) for properties that are zoned commercial, retail, or industrial and fall within the drainage basin for the James V. Fitzgerald Marine Reserve- an Area of Significant Biological Significance (ASBS). While the State Water Resources Control Board (SWRCB) has provided an extension for San Mateo County to complete their 2 –year regional monitoring program, an extension for the start of the enhanced inspection program was not specified.

Annual stormwater inspector training was conducted on April 17, 2014, during the Commercial/Industrial Stormwater Inspector Workshop for all inspectors. Additional training was provided for specific staff on October 10, 2013, February 10, 2014, and February 28, 2014. These trainings were focused on compliance inspections, ASBS inspection requirements, and general refresher training for MRP requirements for commercial/industrial inspections.

County staff also participated in and/or chaired Commercial, Industrial, and Illicit Discharge (CII) Subcommittee meetings and Watershed Assessment and Monitoring (WAM) Subcommittee meetings. In an effort to ensure that follow up inspections are conducted within the 10-day period, part-time extra help Stormwater Technician positions were established and trained to help ensure that violations are corrected in a timely manner. The Stormwater Technicians also provided follow up for polystyrene and plastic bag ban inspections to ensure that these products are phased out and replaced with more environmentally friendly products, including re-useable bags, which helps reduce the potential for non-stormwater discharges.

Refer to the C.4. Industrial and Commercial Site Controls section of the SMCWPPP FY 13-14 Annual Report for a description of activities of SMCWPPP and/or the BASMAA Municipal Operations Committee.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan? Yes No

If No, explain:

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

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

See Attachment C.4.b.iii(1).

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

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

See Attachment C.4.b.iii(2).

C.4.c.iii.(1) ► Facility Inspections

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

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

	Number	Percent
Number of businesses inspected	124	
Total number of inspections conducted	126	
Number of violations (excluding verbal warnings)	3	
Sites inspected in violation	3	2
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	3	100

Comments:
 CEH haz mat and food inspectors (Inspectors) conducted routine stormwater inspections at inventoried sites based on High, Medium, and Low priorities. If a violation or discharge was observed, a description of the violation was noted on the Inspection Report form. If the violation was not corrected at the time of the original inspection, a copy of the Inspection Report form was given to an Inspector or a Stormwater Technician for follow up. Follow up inspections were routinely conducted within 10 days or otherwise deemed resolved in a longer, but still timely manner, based on available resources.

Permittee Name: County of San Mateo

None of the three violations were corrected within 10 business days. The three violations were for Robin Thomas Corporation in unincorporated Belmont, Enterprise Rental in unincorporated Belmont, and Ameresco in unincorporated Half Moon Bay. Robin Thomas Corporation and Enterprise Rental required engineering that could not be completed in 10 business days and were given extensions, based on their continued cooperation and interim efforts to mitigate potential discharges. Ameresco's violation was resolved in 19 business days. While the 10 day period was not met, all three violations were considered resolved in a timely manner.

Staffing transitions and limitations can contribute to a lapse in tracking outstanding violations. Violations are generally corrected in a timely manner, but staffing limitations can prevent violation correction documentation within 10 days. Re-inspections are prioritized based on the severity of the violation and available resources. Continued follow up with stormwater technicians will be conducted during the next reporting period to ensure that follow up inspections occur within the recommended period.

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

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	0
Potential discharge and other	3

Comments:

Violations are counted as one per site, regardless on the actual number of discrete violations observed/recorded. No discharges and three potential discharges were recorded during the Reporting Period.

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) ⁴⁸	Number of Enforcement Actions Taken	% of Enforcement Actions Taken⁴⁹
Level 1	Verbal Warning / Written Notice	5	71
Level 2	Warning Notice or Administrative Action	2 ⁵⁰	29
Level 3	Administrative Action with Penalty and/or Cost Recovery	0	0
Level 4	Legal Action	0	0
Total		7	100

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

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

Business Category	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Haz Mat (including Industrial facilities per 40 CFR; vehicle salvage yards; metal and other recycled materials collection facilities; waste transfer facilities; vehicle mechanical repair, maintenance, fueling, or cleaning facilities; building trades central facilities or yards and corporation yards; nurseries and greenhouses; building material retailers and storage; and plastic manufacturers)	0	3
Food (facilities designated by the Permittee to have a reasonable potential to contribute to pollution of stormwater runoff)	0	0

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:

Nine facilities have been identified as requiring Industrial General Permit coverage that have not filed for coverage (see Attachment C.4.c.iii(4)).

⁴⁸ Agencies to list specific enforcement actions as defined in their ERPs.

⁴⁹ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁰ One violation (Robin Thomas Corporation) was not given an enforcement action) so there are only two enforcements for three violations.

C.4.d.iii ► Staff Training Summary				
Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance⁵¹
Food Inspection Staff Training	October 10, 2013	MRP requirements for C.4 commercial/industrial inspections, focusing on inspection frequency, terminology, what is/isn't a violation, and compliance inspection requirements at restaurants.	18	86
Field Inspection Training	February 10, 2014	Provided initial training to new inspection staff in the field for commercial/industrial inspections and toured a local POTW, visited numerous examples of MS4s and receiving waters.	4	100
ASBS Training	February 28, 2014	Trained field staff conducting ASBS inspections on the importance of ASBS resources, inspection requirements for ASBS protection, and general inspection procedures.	1	100
Certified Inspector Training	March 13-14, 2014	Training covered the Clean Water Act, NPDES, Municipal MS4 requirements, CA construction permit requirements, hydrology, construction facility inspection, industrial/commercial compliance, illicit discharge detection, post construction, and public outreach/participation. This training was provided to the stormwater commercial/industrial inspection coordinator and was used to develop inspector training for all inspection staff.	1	100
Commercial / Industrial Stormwater Inspector Workshop	April 17, 2014	Regulatory refresher for federal and state MRP provisions and background; conducting stormwater inspections; city attorney's role in stormwater enforcement actions; and group table top exercise using several inspection scenarios.	29	81

⁵¹ Percent is calculated based on targeted audience except for the April 17, 2014 training, which was for all inspection staff.

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

Program Highlights

Provide background information, highlights, trends, etc.

County staff continued to attend and participate in the SMCWPPP TAC and CII Subcommittee meetings where Illicit Discharge Detection and Elimination objectives were discussed regularly. DPW continued implementation of the collection screening program. DPW and CEH staff continued to respond to complaints from the public as well as preventing future discharges by educating the public about the proper disposal methods for their solid and liquid waste. CEH operates an Emergency Response Haz Mat Team that works with local fire departments to ensure that all spills are monitored and cleaned up appropriately.

Thirty-two County staff, including three DPW inspectors and 29 CEH Food and Haz Mat inspectors, attended a Commercial/Industrial Inspector Workshop on April 17, 2014 that provided a regulatory refresher for federal and state stormwater regulations, MRP requirements and background; State general industrial permit requirements; conducting stormwater inspections with an emphasis on terminology problem areas, and common violations; city attorney’s role in stormwater enforcement actions; and group table top exercise using several inspection scenarios CEH staff helped facilitate the Workshop training.

Please see the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 13-14 Annual Report for a description of activities conducted at the countywide or regional level.

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
San Mateo County Emergency Response Team	Activated through local fire departments through 911	911
Department of Public Works Roads - Steve Fischer	Road Manager to send out crews to respond to complaints during working hours	(650) 363-4103
Department of Public Works Emergency Response	On-Duty Road Supervisor responds to complaints after hours	(650) 363-4100
Environmental Health	For Spills involving Hazardous Material	(650) 372-6200
Environmental Health – Patrick Ledesma	Illicit Discharge Coordinator	(650) 372-6241
San Mateo County Flood Control – Julie Casagrande	Illicit Discharge Coordinator	(650) 599-1457
Countywide Illicit Discharge Coordinators	http://www.flowstobay.org/bs_illicit_discharge.php	Listed in weblink

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:
 CEH and DPW respond to complaints regarding any type of discharge within the unincorporated areas of the County, including mobile cleaners and businesses. CEH currently permits Mobile Food Vendors for proper BMPs regarding solid food waste and liquid waste containment and disposal. Educational materials are issued at the time of inspection, and individual permits can be denied for failure to comply. CEH inspects the vehicle for leaks and orders operators to repair the tank or other equipment to prevent further discharge. In addition, CEH is looking into permitting Mobile Oil Changers and Surface Cleaners in the future; however, identification of mobile facilities is difficult since many businesses are from out of county, are not licensed with any city within the San Mateo County, are not well documented in traditional advertising media, and are difficult to identify. The County encourages businesses that hire Mobile Surface Cleaners to only use businesses that have received a "Certificate of Training" from BASMAA on pollution prevention practices.

DPW FMO did not contract with mobile surface cleaners or other mobile businesses during this reporting period.

Please see the C.5 Illicit Discharge Detection and Elimination section of SMCWPPP's FY 13-14 Annual Report for a description of efforts conducted by the Commercial, Industrial and Illicit Discharge (CII) Subcommittee and the BASMAA Municipal Operations Committee to address mobile businesses.

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

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

Description:
 DPW continues to implement the Collection Screening Program as required by the MRP. Routine maintenance and inspections were performed throughout the unincorporated areas of San Mateo County, as well as the County Parks. Most catchments, v-ditches, curbs and pipes were inspected and cleaned just before the start of the rainy season. Additional screening is performed during routine patrolling that is conducted during significant storm events. During the pre-rainy season Collection System Screening, material that was commonly observed included leaves, dirt, debris, litter, and illegally dumped items such as furniture. Some locations are random dumpsites, while there are a few locations that are regular dump sites. At locations where regular dumping is observed, the Roads division, RecycleWorks, and the Sheriff's Department are working together to develop an improved program for deterring dumping along the roadside. Meanwhile, the Roads maintenance crews continue to pick up and remove this material before it can get into the stormwater system where it can affect the water quality.

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)

	Number	Percentage

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Discharges reported (C.5.f.iii.(1))	71	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	1	1.4%
Discharges resolved in a timely manner (C.5.f.iii.(3))	71	100%

Comments:

CEH and DPW respond to complaints regarding any type of discharge within the unincorporated areas of the County. There were 71 incidents or discharges reported to the County complaint/spill tracking system that were a potential threat to water quality including eight discharges tracked by DPW Road Maintenance, 47 tracked by DPW Waste Management, and 16 tracked by CEH.

DPW Roads maintenance received eight discharge complaints. In six cases, all material found was left illegally without any trace of who left it there. Crews removed the material immediately upon discovery. In one case, the discharge material was believed to be septic system discharge. Crews contacted Environmental Health; where upon, EH staff required the septic tank to be pumped, and residents were notified to repair the water leak. CEH determined that the discharge from the septic tank was adequately filtered. In another case, the discharge was reported as a white substance in the creek. The discharge was immediately reported to CEH, and an inspection was performed the same day. An active discharge was not confirmed. A follow up visit was performed the next day. Maintenance was being performed at one residence and the inspector observed white residue/staining leading to the storm drain inlet. While there was not an active discharge, it was apparent that the staining was likely related to stucco repair work. The inspector gave both the owner and the contractor a verbal warning and explained that non-stormwater discharges are prohibited. The owner and contractor agreed to dry sweep the area.

DPW Waste Management staff processes and tracks illegal dumping and illicit discharge complaints for the North Fair Oaks community (CSA 8). North Fair Oaks has been identified as hot spot for illegal dumping and is therefore a County priority. Staff received 242 complaints. Forty-seven were determined to be potential threats to water quality (i.e., included trash, debris, or other small materials that could wash into the County storm drain system). The remaining 195 complaints included dumping of large furniture and other household items such as mattresses and couches. All complaints were resolved in a timely manner with pickup/cleanup efforts by DPW Roads or Recology. None of the 242 complaints were confirmed as illicit discharges to the storm drain system or receiving waters.

CEH tracks spills reported to the California Office of Emergency Services (OES, formerly Cal EMA). Sixteen incidents were reported for unincorporated San Mateo County, which includes complaints made directly to CEH, complaints received via OES, and haz mat emergency response incidents. None of the 16 complaints reached the storm drain system, creeks, or ocean.

Additionally, 32 sanitary system overflows were recorded at 6 of the sewer maintenance/sanitation districts that are operated and maintained by DPW. Of the 32 recorded discharges, 17 reached Waters of the State. All discharges were reported via the State Water Resources Control Board's California Integrated Water Quality System (CIWQS) as required by the state. These discharges are not recorded in the above table as they are reported to the State through another regulatory program.

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

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

Materials documented by DPW Roads staff during response to the seven (7) discharge complaints included: Litter and Debris (1), Paint (3), Sewage (1) Vehicle Fluids (1), Other (3). Note – multiple materials were sometimes detected for single discharge complaints.

Eighty-nine percent of the complaints tracked by DPW Waste Management staff in North Fair Oaks involved illegal dumping of furniture and other large household items. Eleven percent of the tracked complaints included trash and small debris. Of the total, one percent of the tracked complaints included were potentially hazardous liquids.

Thirteen complaints were made to CEH, no stormwater complaints were registered through OES, and three incidents were addressed as emergency response calls.

Detail of the sanitary sewer system overflows from County operated and maintained sewer systems is provided below:

Spill Category	Address	District	Volume (Gallons)	Spill Destination	Spill Reaching Waters of the State (Gallons)	Spill Contained and/or Returned to Sewer System (Gallons)	Spill Not Contained but Not Reaching Waters of the State (Gallons)	Cause
1	3119 Canyon Road	BHSMD	289	Street, gutter, storm drain, paved surface, unpaved surface, surface water	264	20	5	Roots, baby wipes, rags, heavy duty paper towels
2	701 9th Avenue	FOSMD	96	Street, gutter, paved surface	0	96	0	Grease, roots, heavy duty wipes, female hygiene products
3	123 Los Montes	BHSMD	147	Paved/unpaved surface	0	0	147	Roots

1	124 Fey Drive	BHSMD	1,307	paved surface/dry creek	1,268	39	0	Heavy wipes
2	2470 Park Road	ELHSMD	17,600	Storm drain/unpaved surface	0	0	17,600	RM, toilet paper, and paper towels
3	100 Edmonds Road	SHCSD	150	street, gutter, unpaved surface	0	144	6	grease, operator error
3	2189 Edgewood Road	SHCSD	10	street, paved surface	0	10	0	debris, grease, paper towels, wipes, latex gloves, operator error
1	1901 Terry Lane	FOSMD	935	storm drain, paved and unpaved surface	703	220	12	Roots
1	20 Hilary Lane	FOSMD	1,688	street, storm main, paved and unpaved surface, surface water	1,574	109	5	Grease, wipes, paper towels
1	2189 Edgewood Road	SHCSD	5,500	street, gutter, storm main	4,490	1,010	0	grease, toilet paper, brown paper towels, shop towels
1	450 Upland Road	OKSMD	212	street, storm main, paved surface	210	2	0	Roots

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1	3267 Hoover Street	FOSMD	306	street, storm main, paved surface	296	10	0	surcharge
3	428 8th Avenue	FOSMD	373	street, gutter, paved and unpaved surface	0	86	287	Roots
1	2950 Woodside Road	FOSMD	3,300	Street/gutter, storm main, paved surface, unpaved surface, surface water	3,236	25	39	Grease
3	7 Bradley Court	FOSMD	132	Unpaved surface	0	20	112	Roots, wipes
3	1954 Stockbridge Avenue	FOSMD	8	Unpaved surface	0	0	8	Toilet paper, debris
3	126 Newton Drive	BHSMD	210	Street/gutter, storm drain, paved surface	0	150	60	Roots
1	449 Hillway Drive	ELHSMD	15,260	Storm drain, unpaved surface, surface water	14,644	0	616	Roots, toilet paper, heavy wipes
3	1136 Parrott Drive	CSCSD	157	Unpaved surface	0	0	157	Grease, roots
1	2189 Edgewood Road	SHCSD	8,200	Paved surface, creek, storm main, surface water	7,951	240	9	Piece of pipe, toilet paper, heavy paper towels, grease, women's underwear, feminine

									products
1	1439 Rainbow Drive	CSCSD	2,556	Street/gutter, storm main, paved surface,	2,555	0	1	RL and heavy wipes	
1	1311 Rainbow Drive	CSCSD	402	Street/gutter, storm drain, surface water	324	71	7	Roots	
1	1733 Los Altos Dr	CSCSD	886	Gutter, storm main, surface water, unpaved surface	706	180	0	Roots	
1	7 Bradley Court	FOSMD	1,600	Street, gutter, storm drain, unpaved surface, surface water	891	702	7	Roots	
1	2886 Adeline Drive	BHSMD	247	Gutter, storm main, surface water	224	23	0	Roots	
3	180 Kristin Ct	CSCSD	726	Unpaved surface	0	0	726	Roots, pipe failure	
1	1770 Stockbridge Ave	FOSMD	175	Storm drain, paved surface, surface water	163	11	1	Roots, grease, toilet paper	

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1	3357 Oak Knoll Dr	ELHSMD	3,500	Street, storm drain, paved/unpaved surface, surface water	3,450	50	0	Wipes, female products, grease
3	485 Denise Ln	FOSMD	12	Paved surface	0	0	12	Roots, toilet paper
3	2298 Stockbridge Ave	FOSMD	645	Paved surface, unpaved surface	0	0	645	Roots, heavy wipes
3	1374 Bel Aire Rd	CSCSD	44	Unpaved surface	0	0	44	Pipe failure, Roots
3	2019 Timberlane Way	CSCSD	40	Street, gutter, paved surface	0	0	40	CIP construction damage, toilet paper

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals		
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
# 71	# 5	# 344
Comments: None		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations⁵² excluding Verbal Warnings	% of Total Violations⁵³
Erosion Control	20	26
Run-on and Run-off Control	0	0
Sediment Control	45	58
Active Treatment Systems	0	0
Good Site Management	11	14
Non Stormwater Management	1	1
Total⁵⁴	77	100%
<p>Note: On multiple occasions, the County discovered more than one problem per inspection (for example, the County tracking table shows that both erosion control and good site management problems were found) and/or multiple problems within one BMP category. Multiple problems during a single inspection are tracked as one violation with one enforcement action. Therefore, the number of problems shown in this table does not match the number of violations and enforcement responses shown in the following tables.</p>		

⁵² Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category. For example, if during one inspection at a site, there are 2 erosion control violations, only 1 violation would be counted for this table.

⁵³ Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

⁵⁴ The total number of violations may count more than one violation per inspection, since some inspections may result in violations in more than one category. For example, during one inspection of a site, there may have been both an erosion control violation and a sediment control violation. For this reason, the total number of violations in this table may not match the total number of enforcement actions reported in Table C6.e.iii.1.e.

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

	Enforcement Action (as listed in ERP) ⁵⁵	Number Enforcement Actions Issued	% Enforcement Actions Issued ⁵⁶
Level 1 ⁵⁷	Verbal Warning	23	30
Level 2	Written Notice (Notice to Comply or Notice of Code Violation)	41	54
Level 3	Written Notice (Stop Work Notice or Notice of Serious Violation and Admin. Fines)	4	5
Level 4	Legal Action, Resolution at Owner's Expense, Referral to Other Agencies	8	11
Total		76	100%

C.6.e.iii.1.f, g ► Illicit Discharges

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

⁵⁵ Agencies should list the specific enforcement actions as defined in their ERPs.

⁵⁶ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁷ For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.1.h, i ► Violation Correction Times		
	Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	32	76% ⁵⁸
Violations (excluding verbal warnings) not fully Corrected Within Business 10 Days but corrected in less than 30 days after violations are discovered	5	12%
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	5	12% ⁵⁹
Total number of violations (excluding verbal warnings) for the reporting year⁶⁰	42	100%
<p>Comments: During the FY 13-14 reporting period, there were 538 Enforcement Actions related to 42 problems or violations, excluding verbal warnings. Five violations were not corrected within 30 days after violations were discovered. As discussed below, changes in the erosion inspection program, specifically the establishment of a new dedicated erosion control inspector and use of other staff not normally involved in C.6 inspections (e.g., planners who are involved in Code Enforcement violation cases) contributed to these results.</p> <p>Specific discussion of these violations and the County's compliance with MRP is provided below:</p> <p>a) 2129 Queens Lane, San Mateo (Construction under a Building Permit) – During a regular monthly inspection in December 2013, the inspector observed that silt fences were not properly staked and were not buried at the bottom. The Inspector issued a Notice to Comply. The site was re-inspected at the next monthly inspection in January 2014, and another Notice to Comply was issued. The site was re-inspected at the next monthly inspection in February 2014, and found the site in compliance.</p> <p>b) 110 Carmel Way, Portola Valley (Construction under a Building Permit) - During a regular monthly inspection in December 2013, the inspector observed inadequate sediment control and recommended the installation of silt fences and wattles. The inspector issued a Notice to Comply. The site was re-inspected in January 2014, and found the site in compliance.</p> <p>c) 374 El Granada Blvd, El Granada (Construction under a Building Permit) - During a regular monthly inspection in February 2014, the inspector observed no stabilized construction entrance and inadequate erosion and sediment control. The inspector issued a Notice to Comply. The inspector performed a follow-up inspection within 10 business days and found that violations persisted. The inspector issued another Notice to Comply. The inspector performed another follow-up inspection, found that violations persisted, and issued another Notice to Comply. Another follow-up inspection was performed at the end of March, and found the site in compliance.</p>		

⁵⁸ Calculated 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.

⁵⁹ Calculated 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.

⁶⁰ The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions. I.e., This assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

d) 11 Cortez Road, Redwood City (Code Compliance Violation Case) - During a regular monthly inspection in October 2013, the inspector observed inadequate erosion and sediment control. The inspector issued a Notice to Comply. In November 2013 the inspector found that violations persisted and issued another Notice to Comply. The inspector performed a follow-up inspection within 10 business days, and found the site in compliance.

e) 4780 Bear Gulch Road, San Gregorio (Code Compliance Violation Case) - During a regular monthly inspection in January 2014, the inspector observed inadequate erosion and sediment control. The inspector issued a Notice to Comply. The inspector performed a follow-up inspection within 10 business days, and found that violations persisted. The inspector issued another Notice to Comply. In March 2014 the inspector found that violations persisted and issued another Notice to Comply. Since this was at the end of the wet season, enforcement of the violation has escalated to legal action. The County is in the process of recording a lien on the property to enforce compliance.

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

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

Description:

FY 10-11: 29% (16 of 55 including verbal warnings) of all violations were not fully corrected within 30 days after violations were discovered.
FY 11-12: 3% (3 of 96, including verbal warnings) of all violations were not fully corrected within 30 days after violations were discovered.
FY 12-13: 6.7% (3 of 45 violations, excluding verbal warnings) of all violations were not fully corrected within 30 days after violations were discovered.
FY 13-14: 11.9% (5 of 42 violations, excluding verbal warnings) of all violations were not fully corrected within 30 days after violations were discovered.

This fiscal year, in order to implement Provision C.6, the County Building Inspection Section hired a dedicated inspector in addition to existing building inspection staff, for erosion control inspections. This approach improved consistency in monthly inspection scheduling, enforcement, and tracking. The County intends to maintain on staff a dedicated erosion control inspector position.

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.

Description:

Regarding the program's strengths, last fiscal year, County Planning staff made improvements to its erosion control plan review process to involve a detailed review of erosion control plans prior to the issuance of a building permit. The goal is to increase compliance at construction sites and reduce the need for enforcement. This fiscal year, in an effort to improve inspection and enforcement consistency, the County hired a dedicated erosion control inspector in addition to existing Building Inspection staff for inspections. In addition, this fiscal year, the County Manager's Office has created an Office of Sustainability (OOS) to oversee the County's MRP compliance, among other duties. Jim Eggemeyer, OOS Director, is in the process of observing the County's current compliance efforts and will make recommendations for improvements to all departments responsible for permit compliance. These recommendations, while still being formulated, include transferring compliance monitoring of construction sites from the Current Planning Section to the Building Inspection Section to increase ownership and accountability and hiring a permanent, full-time

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dedicated erosion control inspector who will perform inspections for both construction and code enforcement violation cases. Also, this fiscal year, the County continued to develop and test a mobile application for erosion control inspection reporting and tracking. The mobile device will improve data quality, communication with property owners (e.g., results can be emailed), and allow for the Inspector to schedule follow-up inspections while in the field. The County anticipates use of the device starting in October 2014. County staff participated in the New Development Subcommittee and SMCWPP training workshops, as listed in Section C.6.f of this report.

Regarding the program's weakness, from the County's perspective, the County intends to improve training opportunities for all inspectors involved with the program.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
SMCWPPP Stormwater Treatment System Inspection Workshop	December 4, 2013	What's Required by the Stormwater Permit <input type="checkbox"/> Overview of Stormwater Treatment Measures <input type="checkbox"/> What to Inspect during Construction and during 45 day Inspections <input type="checkbox"/> Post-Occupancy O&M Inspections and Issues <input type="checkbox"/> Vector Control Considerations	6 County staff including : 1 P&B Inspector 5 DPW Inspectors	33% of P&B Inspectors 33% of DPW Inspectors
SMCWPPP Construction Site Stormwater Inspector Training Workshop	April 23, 2014	<input type="checkbox"/> Regulatory refresher of MRP requirements for construction site inspections, <input type="checkbox"/> Review of the statewide Construction General Permit and its relationship to the MRP, <input type="checkbox"/> Construction BMPs and recognizing issues, <input type="checkbox"/> Field exercise for hands on installation and critique of field BMPs.	18 County staff including: 1 P&B's Code Compliance Inspectors 5 P&B Building Inspectors 9 DPW Inspectors	25% of P&B's Code Compliance Inspectors 71% of P&B Building Inspectors 60% of DPW Inspectors
SMCWPPP Annual C.3 Stormwater Workshop	June 11, 2014	<input type="checkbox"/> Basic Training on Stormwater Permit	11 County staff including:	

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		Requirements and LID <input type="checkbox"/> What to expect in the next Permit <input type="checkbox"/> Green Streets Projects <input type="checkbox"/> How to review projects for permit compliance	2 P&B Planning Inspectors 4 DPW Inspectors	66% of P&B Planning Inspectors 27% of DPW Inspectors
P&B = County Planning & Building Department DPW = County Department of Public Works				

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 report developed by BASMAA summarizes the activities of the Regional Youth Litter Campaign

- BASMAA Be the Street Campaign Report

This report and any other media relations efforts conducted countywide is included within the Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report.

During the Spring 2014, Recycle Works produced and released a movie ad titled "Be Seen Keepin' It Clean" during the month of April and May for Earth Day with a message to reduce litter. The ad was shown from 4/11/14 - 5/8/14 in four theatres throughout the County. The ad had 144 screens and 355,058 impressions. Additionally, RecycleWorks placed a newspaper ad in the Daily Journal to support the Earth Day message "Be Seen Keepin' it Clean" to reduce litter and to encourage recycling.

C.7.b.iii.1 ► Pre-Campaign Survey

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

Information on the pre-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the FY 11-12 Annual Report.

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

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

C.7.b.iii.2 ► Post-Campaign Survey

(For the Annual Report following the post-campaign survey) Discuss the campaigns and the measureable changes in awareness and behavior achieved. Provide an update of outreach strategies based on the survey results. If survey was done regionally, refer to a regional submittal that contains the following information:

Information on the post-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the BASMAA FY 13-14 Annual Report.

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

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

C.7.c ► Media Relations

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

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

Summary:

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 13-14:

- BASMAA Media Relations Final Report FY 13-14

This report and any other media relations efforts conducted countywide is included within the C.7 Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report.

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 13-14:

The SMCWPPP initial points of contact have not changed, however, social media points of contact have been established in addition to the original website and phone number. A summary of efforts conducted by SMCWPPP to publicize stormwater points of contact (e.g. program website, hotline, outreach materials, and social media, etc.) is included within the Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report.

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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

The following outreach events were conducted on a countywide level by SMCWPPP and are described in detail in the Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report:

- Coastal Cleanup Day, September 21, 2013
- San Mateo County Fair, June 7-15, 2014

County DPW staff assisted with the above events by posting information on public bulletin boards at the County office building at 555 County Center in Redwood City and the San Francisco Bay Trail signboard along Colma Creek in South San Francisco. County staff were also team captains at several of the Coastal Cleanup Day sites including Colma Creek and Coyote Point Park. In addition, to the SMCWPPP table at the San Mateo County Fair, RecycleWorks also staffed a table at the event and provided additional outreach materials. Additional public outreach events are listed below.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Three Countywide Recycling Committee events on 11/13/13, 2/12/14, and 5/14/14	The Countywide Recycling meetings are coordinated by RecycleWorks to integrate the various agencies who inspect, manage, and administer contracts associated with solid waste. In 2012/2013, the meetings were expanded to include stormwater representatives in an effort to improve collaboration that addresses long-term trash and solid waste reduction goals. The meetings now integrate stormwater, recycling, and solid waste reduction efforts. Recent meetings have focused on strategy development (i.e., bans, enforcement, recycling, illegal dumping, litter reduction, bin management, and fugitive trash from franchised haulers trucks).	The meetings were well attended considering San Mateo County has 21 jurisdictions. The average attendance at these meeting was 38 attendees.
Peninsula Home and Garden Show 9/28/2013	The Peninsula Home and Garden Show is trade/information show with garden and household exhibits. RecycleWorks provides information to the public about recycling, pollution prevention, household hazardous	RecycleWorks staff and volunteers spoke to over 100 visitors about various topics.

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	waste, integrated pest management, haulers, and free clean-up for large bulky items.	
Home and Garden Show 4/11/2014	Home and Garden Show is an event for homeowners and property owners. RecycleWorks provides information to the public about recycling, pollution prevention, household hazardous waste, integrated pest management, haulers, and free clean-up for large bulky items.	RecycleWorks staff and volunteers spoke to over 298 visitors about various topics.
National River Cleanup Day, 5/17/2014, Colma Creek in South San Francisco	Creek cleanup event with public outreach table staffed by SMCWPPP/CEH.	21 volunteers removed 3.7 cubic yards of trash and illegally dumped debris from 0.5 miles of stream. Promoted event by displaying posters on public bulletin boards at 555 County Center in RWC and on San Francisco Bay Trail signboard along Colma Creek in SSF.
Rinat/Pfizer Cleanup Day, 5/14/2014, Colma Creek in South San Francisco	Creek cleanup event with public outreach. Cleanup included an introductory talk on Colma Creek including sources of trash and cleanup efforts by the County biologist.	15 volunteers from a local biotech company (Rinat/Pfizer on Grand Avenue, SSF) removed 4 cubic yards of trash and illegally dumped debris from 0.5 miles of stream.
Colma Creek Volunteer Day - SFSU Restoration Ecology Class Field Trip, 9/22/2013, Colma Creek in South San Francisco.	Creek cleanup and invasive plant removal event with public outreach. Outreach messages included litter reduction and native plants.	Approximately 22 volunteers. The event was well received and resulted in the removal of 1.5 cubic yards of trash and removal of approximately 500 sq. ft. of invasive Algerian sea lavender.
North Fair Oaks Festival, 8/25/2013, North Fair Oaks (Unincorporated Redwood City)	Cultural Street Festival. Audience included families and local residents. Public outreach table was staffed by SMCWPPP/CEH. Outreach messages included general stormwater pollution prevention, children's education, litter prevention	Attendance at the event was thousands. The total number of people who visited the SMCWPPP table was 215. Event promotion included the SMCWPPP website, posters, TV, and radio. Outreach materials included: kid's activities guides, Too Toxic to Trash guide, lead program information, and less toxic cleaning supplies. This is a very large local festival that brings together a very tight-knit community. Children's materials and activity guides are very popular, along with other giveaways, including STOP keychains, erasers and fish sponges. People were interested in proper disposal of

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		<p>unused medications and household hazardous waste (paint, batteries, f-lights) and appreciated the information provided. Spanish speaking staff were on hand to reach non-English speaking community residents.</p>
<p>Be Seen Keepin' It Clean community clean-up, 5/31/2014, North Fair Oaks (Unincorporated Redwood City)</p>	<p>Community cleanup event along the streets and sidewalks in North Fair Oaks with educational information related to litter, recycling and illegal dumping.</p>	<p>The event had over 150 volunteers and resulted in the collection of a total of 3.08 tons of solid waste, 0.06 tons recycling, and 0.01 tons organics from North Fair Oaks neighborhoods.</p>
<p>Additional Public Outreach Events:</p> <ul style="list-style-type: none"> • Outreach at 18 County Parks cleanup events (see Attachment C.7.e) • RecycleWorks also conducted stormwater-related public outreach. For detailed information, please refer to the Public Education section of the "Unincorporated and Countywide RecycleWorks Programs for 2013, County Household Hazardous Waste Program Data and the SBWMA At Your Door Program Data" annual report (see Attachment C.7.e). Note – this report is for the 2013 calendar year. 		

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:

A summary of efforts conducted by SMCWPPP to work with Watershed Stewardship Groups on a countywide level is included within the Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report.

County staff worked with the Countywide Program to support the activities of the Watershed Steward Groups and worked directly with smaller local collaboratives that exist within the unincorporated areas of the County. Additional watershed stewardship efforts conducted by County staff are summarized below.

DPW staff continued participation in multiple watershed stewardship programs overseen by the San Mateo Resource Conservation District (RCD) including the Integrated Watershed Restoration Program (IWRP) & Rural Roads Erosion Control Technical Assistance Program, and Livestock and

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Lands Program. DPW staff serve on the TAC committees for these RCD-led groups and actively participate in watershed stewardship efforts by attending meetings and reviewing key documents.

DPW staff also continued participation in the Bay Area Integrated Regional Management Program (IRWMP) by serving as a Bay Area Flood Protection Agency Association (BAFPAA) participating agency. IRWMP and BAFPAA agencies worked collaboratively on regional flood protection, stormwater management, and watershed issues, identified several regional projects, and conducted outreach to smaller cities and watershed groups for sub-regional projects. County staff also served on the Bay Area IRWMP Project Selection Committee for the Proposition 84 Round 3 Drought Solicitation.

The County continued working on the James V. Fitzgerald ASBS Pollution Reduction Program. The project is led by DPW in collaboration with the RCD and the San Francisco Estuary Institute (SFEI). The project is funded in part by a Proposition 84 grant from the State Water Resources Control Board and is scheduled to continue through March 2015. The project's goal is to improve water quality and protect beneficial uses of the James V. Fitzgerald ASBS and additionally assist in the County's compliance with ASBS stormwater regulations (Special Protections). The first phase of the project, which was completed in Spring 2013, involved a pilot project to install and test the effectiveness of several types of stormwater BMPs, a Storm Drain Inventory and Assessment, and a Microbial Source Tracking (MST) study. Four vegetated swales and three storm drain filtration devices were installed and tested as part of the pilot project. SFEI conducted water quality characterization monitoring, as well as monitoring upstream and downstream of implemented BMPs to determine water quality treatment effectiveness. For the MST study, researchers from UC Davis collected samples from several creeks draining into the ASBS and performed genetic analysis to test for the presence of host specific genetic markers indicating the presence of fecal contamination sources such as human, dog, cow, horse, and bird. Reports are available at: <http://smchealth.org/asbs>. The second phase of the project is currently in progress and involves targeted BMP implementation based on the results of the pilot phase. In FY13-14, DPW installed three new vegetated swales within the County storm drain system draining to the ASBS and completed designs for eleven additional swales to be installed during FY14-15. DPW completed plans for a green streets project along Carlos Street in Moss Beach. Construction will begin in August 2014. County Parks has designed and permitted stormwater improvements for the Fitzgerald Marine Reserve parking lot which are being constructed in the fall of 2014. The RCD completed plans for nine LID stormwater BMPs at private residences. The private BMPs include installation of residential swales, rainwater catchment system, and construction of permeable driveways. The ASBS project also involves education and outreach activities to communicate the significance of the natural resources of the ASBS and to provide technical tools and practices to the community for pollution prevention and reduction. Stewardship and education activities this reporting period included continued updates to the ASBS website, production of the third edition of the ASBS newsletter and a public outreach flyer detailing stormwater pollution prevention resources (see Attachment C.7.f) and outreach to Farallone View Elementary during Oceans Week. The TAC consists of twelve professionals from a variety of project-related disciplines (e.g., stormwater management, state and local government, water quality experts and scientists, and conservation specialists) whose input is critical to the success of the project. The TAC continued to meet throughout FY 13-14. Project leads from the San Francisco Estuary Institute, RCD, DPW, County Parks, CEH, and Planning and Building also participate in TAC activities.

Staff from DPW continued to participate in the Central Coast ASBS Regional Monitoring Program by attending regular meetings and coordinating with the contractor hired to perform the required ASBS Special Protections monitoring. County staff from DPW, Parks, CEH, and Planning & Building continued to meet and plan for the required ASBS Compliance Plan. EOA assisted with preparing the draft ASBS Compliance Plan in January 2014. The final draft will be finalized in early September 2014 and submitted to the Regional Water Quality Control Board.

County staff from DPW and Parks participated in multiple meetings related to the sediment TMDL, local flooding, and Coho salmon and steelhead

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recovery in the Pescadero Creek and Butano Creek watersheds.

County staff continued with compliance tasks related to the Pacifica State Beach and San Pedro Creek Bacteria TMDL. County staff worked closely with the City of Pacifica and staff from EOA to develop the Pacifica State Beach and San Pedro Creek Bacteria TMDL Monitoring and Best Management Practices Implementation Plans which were submitted to the Regional Water Quality Control Board in August 2014. Time associated with research and project coordination is accounted for in this milestone. County staff also successfully coordinated for other compliance measures including a required site visit to Shamrock Ranch for a permit inspection and coordinating sewer line inspections with District IV for San Pedro Valley Park as related to the Basin Plan Amendment (BPA). These efforts were conducted in order to meet the County's obligation expressly stated in the BPA. Additionally, the Planning and Building Department has been made aware and plans to complete prepared an annual report concerning Shamrock Ranch and other permittees with confined animal permits in order meet their obligations under the County's confined animal ordinance. The report is included in Attachment C.7.f. Time associated with project coordination and research required to implement actions is accounted for in this milestone.

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 following involvement event was conducted on a countywide level by SMCWPPP and is described in detail in the Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report:

- Coastal Cleanup Day, September 21, 2013

County staff are on the PIP committee and assisted with planning of citizen involvement events. County DPW staff assisted with Coastal Cleanup Day by posting information on public bulletin boards at the County office building at 555 County Center in Redwood City and the San Francisco Bay Trail signboard along Colma Creek in South San Francisco and on the County Parks website. County staff were also team captains at several of the Coastal Cleanup Day sites including Colma Creek and Coyote Point Park. In addition to the SMCWPPP table at the San Mateo County Fair, Recycle Works also tabled the event and provided additional outreach materials. Additional citizen involvement events are listed below.

Event Details	Description	Evaluation of effectiveness
Be Seen Keepin' It Clean community clean-up, 5/31/2014, North Fair Oaks (Unincorporated Redwood City)	Community cleanup event along the streets and sidewalks in North Fair Oaks with educational information related to litter, recycling and illegal dumping.	The event had over 150 volunteers and resulted in collection a total of 3.08 tons of solid waste, 0.06 tons recycling, 0.01 tons organics from North Fair Oaks neighborhoods.
Rinat/Pfizer Cleanup Day, 5/14/2014, Colma Creek in South San Francisco	Creek cleanup event with public outreach. Cleanup included an introductory talk on Colma Creek including sources of trash and	15 volunteers from a local biotech company (Rinat/Pfizer on Grand Avenue, SSF) removed 4 cubic yards of trash and illegally dumped

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	cleanup efforts by the County biologist.	debris from 0.5 miles of stream.
National River Cleanup Day, 5/17/2014, Colma Creek in South San Francisco	Creek cleanup event with public outreach table staffed by SMCWPPP/CEH.	21 volunteers removed 3.7 cubic yards of trash and illegally dumped debris from 0.5 miles of stream. Promoted event by displaying posters on public bulletin boards at 555 County Center in RWC and on San Francisco Bay Trail signboard along Colma Creek in SSF.
Colma Creek Volunteer Day - SFSU Restoration Ecology Class Field Trip, 9/22/2013, Colma Creek in South San Francisco.	Creek cleanup and invasive plant removal event with public outreach. Outreach messages included litter reduction and native plants.	Approximately 22 volunteers. The event was well received and resulted in the removal of 1.5 cubic yards of trash and removal of approximately 500 sq. ft. of invasive Algerian sea lavender.
See Attachment C.7.e for Citizen Involvement Events 18 hosted by County Parks.		

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.

SMCWPPP conducted school-aged children outreach programs countywide. These programs are summarized in the Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report.

Additional school-age children outreach activities are listed below.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Be Seen Keepin' It Clean RecycleWorks and Office of Education Safe Routes to School walk and litter clean-up	County students walked to school alongside family members, teachers, community enthusiasts, and community leaders for the event. Walking groups picked up litter in their neighborhood and around their school sites on their way to school.	4 schools that have children who live in the unincorporated areas of San Mateo County participated in these events: Cunha Intermediate Schools, HMB; Hatch Elementary, HMB;	Cunha Students pick-up 59 bags of recyclables, 30 bags of garbage and 170 students participated in and around their neighborhood. Farallone View Elementary had 250 participants, 250 bags of litter were collected (estimated 8 gallons per bag).

		Farallone View Elementary, Montara; and Westlake Elementary, Daly City	For Hatch Elementary, 7 enthusiastic families showed up for The HEAL Project Beach Clean-up yesterday at Francis Beach. About 140 students participated in the community cleanup homework assignment. Approximately 57 bags of garbage and 58 full bags of recyclables (full, 13 gallon bags) were collected. Trash was collected at parks, beaches, streets and parking lots in Montara, Moss Beach, El Granada, Half Moon Bay, Pescadero, and Pacifica. Westlake Elementary did not report totals.
RecycleWorks Teacher training at the Spring Science Technology Engineering and Math (STEM) Resource Fair, San Mateo County Office of Education	RecycleWorks presented training to teachers on how to use the Litter Collection Event Lesson Plan for grades 3 through 12. The lesson plan teaches students to identify various types of litter, list the various items that can be landfilled, composted or recycled, explain approximately how long it takes various types of items (litter) to decompose, and explain the effects that litter has on an ecosystem. The lesson plan is designed to encourage students to take action to prevent littering.	5 teachers attended the workshop and additional teachers were reached through website posting.	Integrating lesson plans into the curricula is an effective way to outreach to students.
Banana Slug String Band School Assembly Performances	"We All Live Downstream" performed by the Banana Slug String Band. The program emphasized the importance of not littering or dumping substances into the storm drain to protect the marine environment.	During FY 13-14, the Banana Slug String Band performed 48 assemblies at 26 elementary schools across San Mateo County, reaching 9,345 students. Several of the presentations were given at elementary schools	Survey results are summarized in C.7 Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report

		located within unincorporated San Mateo County, such as Pescadero, La Honda, and Farallone View Elementary. Many of the other elementary schools located within various cities are attended by students living in the unincorporated area.	
Middle School Educational Program	Middle School Educational Program included presentations that focused on litter education and reduction. The presentations consisted of images of litter in the environment, how it effects the environment and animals, and ways in which students can become involved in litter reduction in their community. They included an active participation game with incentive rewards as a method of checking for understanding.	13 presentations were conducted at 4 middle schools including Fernando Middle School in Daly City, Hillview Middle School in Menlo Park, Taylor Middle School in Millbrae, and Burlingame Intermediate in Burlingame, reaching a total of 327 students. As noted above, students from unincorporated areas often attend schools in neighboring cities.	Evaluation of effectiveness is included in the C.7 Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report.
High School Educational Program	High School Educational Program entitled "Water Pollution Prevention: Problems and Solutions." The program emphasizes educating students on	Presentations were given to 12 classes at 6 schools located throughout	Survey results are summarized in C.7 Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report

	<p>basic problems and solutions of stormwater pollution, and encourages them to become involved by educating others.</p>	<p>the San Mateo County, reaching over 300 students. As noted above, students from unincorporated areas often attend schools in neighboring cities.</p>	
<p>Farallone View Elementary School Oceans Week Activities</p>	<p>ASBS Pollution Reduction Program, DPW, Parks, and SMCWPPP partnered with the Friends of Farallone View Parent Teacher Organization to design activities to teach students about tidal ecosystems and pollution prevention during Oceans Week in mid-May 2014. The event kicked off with an assembly by the Banana Slug String Band, who conducted a presentation entitled "We All Live Downstream". The assembly was an interactive performance involving music, singing, and dancing on the topics of storm drains, recycling, and keeping water clean. Fitzgerald Marine Reserve Park Ranger Cala helped to lead a school-wide assembly where his video "A Universe in a Tide Pool" (https://parks.smcgov.org/fitzgerald-marine-reserve) was screened. Students also participated in the school's Be Seen Keepin' It Clean event. As part of a homework assignment, approximately 220 students with the help of family members collected about 250 bags of litter from neighborhoods, beaches, creeks, and parks on the coast, from Half Moon Bay to Montara. As a</p>	<p>Approximately 385 students.</p>	<p>The program also reached teachers and parents. The program was well received. A story on the activities was included in the ASBS newsletter to reach a broader audience.</p>

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	<p>result, students protected ecosystems by preventing litter from entering the local waterways and ocean. San Mateo County Office of Education Safe Routes to Schools Program and the County of San Mateo RecycleWorks Program provided support and incentives to students for participating in this Earth-friendly event. In addition, Recology of the Coast provided the school with a recycling truck demonstration for the transitional kindergarten, kindergarten, and first grade classes. During a lab activity, students made a pledge to “Protect the Marine Reserve Together” by taking steps to prevent pollution such as always cleaning up after their pets and never littering. DPW also sponsored a tide pool drawing contest.</p>		
<p>RecycleWorks conducted additional stormwater-related outreach to school-aged children. For detailed information, please refer to the Public Education section of the “Unincorporated and Countywide RecycleWorks Programs for 2013, County Household Hazardous Waste Program Data and the SBWMA At Your Door Program Data” annual report (see Attachment C.7.e).</p>			

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary

During FY 13-14, the County contributed through SMCWPPP to the BASMAA Regional Monitoring Coalition (RMC). In addition, the County through SMCWPPP contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. Monitoring efforts and results are documented in a separate report submitted March 15 of each year, as required in Provision C.8. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see SMCWPPP's March 2014 Integrated Monitoring Report, Part A.

As described in C.7.f, the County continued working on the James V. Fitzgerald ASBS Pollution Reduction Program. As part of that program, the County contracted with SFEI for water quality monitoring to assess BMP effectiveness. During FY13-14, SFEI conducted water quality monitoring upstream and downstream of three implemented BMPs to determine water quality treatment effectiveness. A total of 20 samples were collected. All samples were flow composite samples with a minimum of five aliquots. The summary report will be available during the next fiscal year.

ASBS-related monitoring was also conducted as part of the Central Coast ASBS Regional Monitoring Program. In FY13-14, for the Fitzgerald ASBS, monitoring was conducted at: a) two reference sites, b) one outfall >24" diameter and the associated receiving waters, and c) 4 outfalls >18" diameter. A final report will be available at the end of FY14-15, following the second year of monitoring.

County staff continued with compliance tasks related to the Pacifica State Beach and San Pedro Creek Bacteria TMDL. County staff worked closely with the City of Pacifica and staff from EOA to develop the Pacifica State Beach and San Pedro Creek Bacteria TMDL Monitoring and Best Management Practices Implementation Plans which was submitted to the Regional Water Quality Control Board in August 2014. County Parks was the lead department for setting up the monitoring contract and developing the BMP implementation plan.

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Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.b ► Implement IPM Policy or Ordinance

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

The County Board of Supervisors adopted the County of San Mateo IPM as a policy document on June 8, 2010, and the County has since been implementing the policy accordingly. Following comments by Regional Board staff, County staff from multiple departments worked closely with local agencies through the SMCWPPP Parks Maintenance and IPM Work Group to review and refine standardized IPM language. The revised IPM policy document was adopted by the County Board of Supervisors on July 24, 2012 (Resolution and IPM policy were submitted to the Regional Board as an attachment to the FY11-12 Annual Report).

During FY 13-14, the County continued to implement its IPM policy, as adopted July 24, 2012. Consistent with this policy, the County Road Department used mowing exclusively in FY 13-14 to manage roadside vegetation. Goats were used for vegetation management at closed landfill facilities, one in Pescadero and one in Half Moon Bay. County Parks contracts with West Coast Wildlands for herbicide applications associated with vegetation management at San Bruno Mountain County Parks, which is where the majority of Park-related herbicide spraying is done. Herbicide application is performed in accordance with the San Bruno Mountain Habitat Conservation Plan and the County IPM Policy. None of the listed pesticides (organophosphates, pyrethroids, carbaryl, and fipronil) were used by DPW Roads or County Parks during FY 13-14. Limited amounts were used by the County FMO contractor to treat for pests and rodents outside of County facilities during FY 13-14 and are reported below. The amount of the listed pesticides used by the County FMO contractor to treat for pests and rodents outside of County facilities during FY 09-10 was not tracked and reported below. The County began tracking the use of these pesticides outside of County facilities during FY 10-11, as recommended by Water Board staff in their comment letter dated February 10, 2011, and will continue to do so in future years in order to establish trends.

Trends in Quantities and Types of Pesticides Used⁶¹

Pesticide Category and Specific Pesticide Used	Amount ⁶²				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	N/A	0	0	0	0
Pyrethroids	N/A	367 oz	45.25 oz	8.5 oz	0.5 oz

⁶¹ Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁶² Weight or volume of the product or preferably its active ingredient, using same units for the product each year. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: allethrin, bifenthrin, beta-cyfluthrin, bioallethrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, fenpropathrin, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (d-phenothrin), tau-fluvalinate, tefluthrin, tetramethrin, tralomethrin, cis-permethrin, and zeta-cypermethrin.

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Prescription Treatment P.I.	N/A	367 oz	0	0	0
Suspend SC	N/A	0	9.75 oz	0.5 oz	0.5 oz
Cykick CS	N/A	0	35.5 oz	0	0
Whitmire – Microgen Wasp Freeze	N/A	0	0	8 oz	0
Carbaryl	N/A	0	0	0	0
Fipronil	N/A	4 oz	0	0	0

C.9.c ▶ Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	3
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	3
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%
Note - A total of 22 County employees have been trained on IPM over the past 3 years.	

C.9.d ▶ Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, attach one of the following:		
<input checked="" type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR	
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR	
<input type="checkbox"/>	Equivalent documentation.	
If Not attached , explain:		
<p>The County of San Mateo verifies IPM contractor performance by hiring professionals that certify that they are properly trained and use IPM.</p> <p>County FMO contracts with Genesis Pest Control, to treat for pests and rodents in and around County facilities. The contract was renewed on June 1, 2012 and the IPM policy is incorporated into the contract (contract included in Attachment C.9.d). The original contract end date was May 31, 2014. The term of the contract was extended to May 31, 2015 on March 28, 2014 as Agreement with Independent Contractor No. 47300-12-D013 Amendment No. 1.</p> <p>County Parks contracts with West Coast Wildlands (contract included in Attachment C.d.9) for herbicide applications associated with vegetation</p>		

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management at San Bruno Mountain County Parks, which is where the majority of Park-related herbicide spraying is done. Herbicide application is performed in accordance with the San Bruno Mountain Habitat Conservation Plan and the County IPM Policy. The contract describes how they must comply with County IPM requirements (see attached). The remainder of herbicide applications is performed by County Parks staff in accordance with the County IPM. County Parks requires that all management decisions be consistent with the County IPM policy document. Also County Parks has Vegetation Management Guidelines that guide vegetation management decisions in the County Parks including IPM. To see the Guidelines visit the County Park website at:
<http://www.co.sanmateo.ca.us/Attachments/parks/Files/Parks%20Planning/Other%20Planning%20Efforts/Vegetation%20Mangement%20Guidelines.pdf>

While DPW does not contract out for vegetation management/pesticide services along its roadsides, Sierra Consulting and IPM, LLC: Donald A, Bartel Pest Control Advisor License #73284 provides vegetation management consultation services to DPW. DPW requires that all vegetation management decisions be consistent with the County IPM policy document.

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

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

Summary:
 During FY 13-14, we participated in regulatory processes related to pesticides through SMCWPPP, BASMAA and CASQA. For additional information, see the regional report submitted by BASMAA on behalf of all MRP Permittees.

C.9.f ▶ Interface with County Agricultural Commissioners

Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.

C.9.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:
 See the C.9 Pesticides Toxicity Control section of the SMCWPPP FY 13-14 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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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:

See the C.9 Pesticides Toxicity Control section the SMCWPPP FY 13-14 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

Section 10 - Provision C.10 Trash Load Reduction

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

Provide the following:

- 1) Descriptions of actions/tasks completed towards achieving the Minimum Full Trash Capture requirement in provision C.10.a.iii. Include the:
 - Total number and types of full capture devices (publicly and privately-owned) installed to-date;
 - Total land area (acres) and land areas within each trash generation category (i.e., very high, high, moderate and low) treated by full capture devices (or other types of devices for non-population based Permittees), in comparison to the MRP-required full capture requirements in Attachment J to the MRP; and,
 - Percentage of jurisdictional land areas with very high, high, moderate and low trash generation rates treated by full capture devices.
- 2) A narrative summary of maintenance activities implemented for each device, group of devices, or device type, including descriptions of typical maintenance frequencies and issues associated with maintaining these devices.

Descriptions of Actions/Tasks (Conducted or Planned):

During Summer 2010 as a pilot testing, County DPW installed four trash capture devices, three of which meet the full trash capture device requirements (West Coast Storm connector pipe screens (CPS) and auto retractable screens (ARS)), in the unincorporated North Fair Oaks community. DPW was satisfied with the performance of the units and during Spring and Summer 2011, installed 28 additional West Coast Storm units with funding provided through the Bay Area-wide Trash Capture Demonstration Project administered by the San Francisco Estuary Partnership. Twenty-six of the units are combined West Coast Storm CPS and ARS. Two are West Coast Storm CPS only. These 31 devices were installed in the North Fair Oaks, Broadmoor, and Colma areas of unincorporated San Mateo County, which have been identified as the County's top 3 priority trash management areas (TMA #1, TMA #2, and TMA #3).

In November 2012 and February 2013, County DPW installed 59 additional full trash capture devices in the MidCoast area of unincorporated San Mateo County with redistributed grant funding from the above-mentioned grant program. These units are United Storm Water CPS. In January 2013, an additional full trash capture device was installed in unincorporated Moss Beach as part of the James V. Fitzgerald ASBS Pollution Reduction Program. The device is a Contech Stormwater Management StormFilter catch basin vault system. The 60 devices installed were installed in the unincorporated communities of Moss Beach and El Granada. The installations are within residential and small commercial areas. Some are located within the MidCoast trash management area (TMA #5), and others are located within the James V. Fitzgerald ASBS watershed, another County priority area for trash reduction.

In June 2014, County DPW installed 75 additional full trash capture devices (United Stormwater CPS units) throughout unincorporated San Mateo County. One additional full trash capture device was installed in early August 2014. Of the 75 units installed in 2014, four are in unincorporated Colma (TMA #3), 51 are in North Fair Oaks (TMA #1), 12 are in West Menlo (TMA #6), and eight are in the MidCoast area (TMA #5). Some areas may overlap with TMA #7 and TMA #9. Sixty-seven of the CPS units were installed with ARS.

To date, 166 full trash capture devices have been installed throughout unincorporated San Mateo County. The treatment area for the devices is approximately 564 acres (250 acres or 69% of high trash generating area and 100 acres or 13% of moderate trash generating area). This is far above and beyond the MRP minimum full trash capture area (21 acres) requirement for unincorporated San Mateo County. Although the full trash capture devices were primarily sited in priority trash generating areas and known problem areas for litter, because of the rural nature of the MidCoast area and the mosaic of residential and urban pockets, many of the devices also treat a large portion of the jurisdiction area

characterized as having a low trash generation rate (204 acres).

Descriptions of Maintenance Activities:

All units are regularly inspected during routine patrols by the Road Maintenance crews. The level of maintenance needed for full trash capture devices varies by specific location or area depending on the levels of trash, frequency of street sweeping, amount of leaf litter, and the timing of storms in relation to street sweeping. For the Broadmoor (TMA #2) and unincorporated Colma (TMA #3) areas, the Road Maintenance crews clean out the CPS units approximately every other month with a Vac-Con truck. They also hand sweep in front of the ARS prior to and/or during storms on an as-needed basis. For the North Fair Oaks area (TMA #1), the Road Maintenance crews clean out the CPS units on a quarterly basis with a Vac-Con truck. In this area, the ARS units typically do not require hand sweeping before storms because the streets are on a more frequent sweeping schedule. In the MidCoast area (TMA #5), the Road Maintenance crews clean out the CPS units at least once per year with a Vac-Con truck; some units require mechanical cleaning twice per year. During storm events, the units are inspected more frequently, and manual servicing is conducted as needed. The necessary maintenance frequency for the newly installed units in the West Menlo area (TMA #6) has not yet been determined.

In FY 13-14, the County also participated in the initial development of a Model Trash Full Capture Device Operation and Maintenance (O&M) Verification Program initiated by SMCWPPP. The model program is intended to provide Permittees with a template for documenting O&M procedures, including inspection and maintenance frequencies. Over the course of the next year, the County plans to further document the County-specific O&M verification program by tailoring the Model Program developed by SMCWPPP to incorporate County-specific characteristics/processes. Additional details on the County's O&M verification program will be included in the County's FY 14-15 Annual Report.

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

Provide the volume of material removed during each MRP-required Trash Hot Spot cleanup during each fiscal year, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources in FY 2013-14 to the extent possible.

Trash Hot Spot	FY 13-14 Cleanup Date	Volume of Trash Removed (cubic yards)				Dominant Type(s) of Trash in FY 2013-14	Trash Sources in FY 2013-14 (where possible)
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14 *		
SCP01	9/30/2013	1.0	0.3	0.3	0.2	Bottles (plastic or glass), Convenience/Fast Food items, Other plastic products, Paper and cardboard, Cigarette butts	Trash accumulation, Litter, Illegal dumping
SCP02	9/21/2013	1.1	1.2	1.0	0.3	Convenience/Fast Food items, Bottles (plastic or glass), Styrofoam, Fabric and cloth, Cigarette	Trash accumulation, Litter, Illegal dumping

						butts	
Totals		2.1	1.5	1.3	0.5		

*The County of San Mateo performed multiple cleanups of their MRP-required trash hot spots during FY 13-14. The volume reported in this section represents the total volume removed from the first round of trash hot spot cleanups. The volume of material removed from other cleanups is reported as the Estimated % Trash Reduction due to Creek/Shoreline Cleanups (All TMAs) in Section C.10. Part C - Estimated Overall Trash Load Reduction.

C.10.c ► Long-Term Trash Load Reduction Plan

Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), trash generation maps, control measures, or time schedules identified in your plan.

To date, there have been no major changes to the County's Long-term Trash Load Reduction Plan (Long-term Plan) that was submitted to the Water Board in February 2014. Minor changes include further refinement of selected TMAs to include secondary TMAS to allow for more targeted trash reduction measures and tracking. Detail of changes is as follows:

- All schools were moved to TMA #7 – Schools, Churches, and Government Facilities. When TMA 7 was first identified during preparation of the Long-term Plan, schools were only included if they were not part of another priority TMA area (i.e., NFO schools were included in TMA #1). Part of our strategy for trash reduction is to do targeted outreach and cleanups at schools, and as such, we are more likely to observe improvements at schools prior to improvements at the larger unincorporated area-based TMA #1- NFO, TMA #2 - Broadmoor, etc.) Within TMA #7, there are now secondary management areas including churches, government facilities, and schools by unincorporated community.
- TMA #8 was subdivided by unincorporated community including Pescadero and La Honda.
- TMA #5 was subdivided by unincorporated community including Montara, Moss Beach, Seal Cove, El Granada, Princeton, Miramar, and Other.

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)				
Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.				
Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
Single-use Plastic Bag Ordinance or Policy	<p>On November 6, 2012, the County Board of Supervisors passed a Reusable Bag Ordinance that became effective on 4/22/13. The Ordinance is available at: http://smchealth.org/sites/default/files/docs/EHS/Final_15_Plastic%20Bag_Ord_04637.pdf</p> <p>To ensure that facilities are abiding by the ordinance, plastic bags were added to the activity areas checklist on the standard stormwater facilities inspection report form. CEH inspectors will also enforce the ordinance on a complaint basis. Violations may result in fines: 1st = \$100, 2nd = \$200, 3rd = \$500 (each day single use bags are distributed = 1 violation). Complaints and inspection records are maintained in the CEH EnvisionConnect electronic database.</p> <p>CEH continued to conduct targeted outreach for the bag ban including: development of a dedicated County website - http://smchealth.org/BagBan, reusable bag giveaways, outreach on Facebook and at local events, and development of resources for retailers including fact sheets, posters, and register tent cards.</p>	<p>On behalf of all SMCWPPP Permittees, the County of San Mateo conducted assessments evaluating the effectiveness of the single use plastic bag ban in municipalities within San Mateo County. Assessments conducted by the County included audits of businesses and surveys of customer bag usage at many businesses in San Mateo County. Additionally, the number of complaints by customers was also tracked by the County. The results of assessments conducted by these cities are assumed to be representative of all SMCWPPP Permittees, given the consistency between the scope, implementation, and enforcement of the ordinances among the municipalities.</p> <p>CEH established several part-time extra help Stormwater Technician positions to provide follow up for polystyrene and plastic bag ban inspections to ensure that these products are phased out and</p>	<p>Results of assessments conducted by the County on behalf of all municipalities in San Mateo County indicate that the County's ordinance is effective in reducing the number of single use plastic bags in stormwater discharges. This preliminary conclusion is based on the very small number of complaints received from customers about businesses in San Mateo County that are continuing to use single use plastic bags after ordinances were adopted. Assuming single use bags are 8% of the trash observed in stormwater discharges (based on the Regional Trash Generation Study conducted by BASMAA), the County concludes that there has been a 7% (i.e., 8% x 86% effectiveness in reducing bags) reduction in trash in stormwater discharges as a</p>	7%

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
		<p>replaced with more environmentally friendly products, including re-useable bags. For the 124 routine stormwater inspections conducted by CEH, there were no reported bag ban violations.</p> <p>The County developed its % trash reduced estimate using the following assumptions:</p> <ol style="list-style-type: none"> 1.) Single use plastic bags comprise 8% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA; 2) 95% of single use plastic bags distributed in the County are affected by the implementation of the ordinance, based on the County of San Mateo's Environmental Impact Report; and 3) Of the bags affected by the ordinance, there are now 90% less bags being distributed, based on customer complaints received by CEH. This is conservative estimate given that in FY 13-14 CEH only received complaints about 4, of the over 1900 businesses in San Mateo 	<p>result of the County's ordinance.</p>	

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)				
Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.				
Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
		County that are affected by the single-use plastic bag ordinances. This results in an 86% effectiveness in reducing bags (90% x 95%).		
Expanded Polystyrene Food Service Ware Ordinance or Policy	On March 1, 2011, the County Board of Supervisors adopted Ordinance No. 04542 prohibiting food vendors from using polystyrene-based disposable food service ware. The ordinance is available at: http://www.smchealth.org/sites/default/files/docs/PolystyreneBan.pdf . The ordinance became effective on July 1, 2011. Violations may result in fines: 1st = \$100, 2nd = \$200, 3rd = \$500 (each day observed using polystyrene = 1 violation). Enforcement is by the CEH Inspectors. To ensure that facilities are abiding by the polystyrene food ware ordinance, polystyrene was added to the activity areas checklist on the standard stormwater facilities inspection report form. Complaints and inspection records are maintained in the CEH EnvisionConnect electronic database.	Although the County has adopted and implemented an ordinance prohibiting the distribution of EPS food ware by food vendors, evaluations of the effectiveness of the ordinance have not yet been conducted. For the purpose of estimating trash reductions in stormwater discharges associated with the ordinance, the results of assessments conducted by the cities of Los Altos and Palo Alto were used to represent the reduction of trash associated with the County's ordinance. Assessments conducted by these cities were conducted prior to and following the effective date of their ordinances, and include audits of businesses and/or assessments of EPS food ware observed on streets, storm drains and local creeks. The results of assessments conducted by these cities are assumed to be representative of the effectiveness	Results of assessments that are representative of the County, but were conducted by the cities of Los Altos and Palo Alto, indicate that County's ordinance is effective in reducing EPS food ware in stormwater discharges. This conclusion is based on the following assessment result - an average of 95% of businesses affected by the ordinance are no longer distributing EPS food ware post-ordinance. Based on these results, the estimated average reduction of EPS food ware in stormwater discharges is 90%. Assuming EPS food ware is 6% of the trash observed in stormwater discharges, the County concludes that there has been a 5% (i.e., 6% x 90%)	5%

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
		<p>of the County's ordinance because the implementation (including enforcement) of the County's ordinance is similar to the City of Los Altos' and Palo Alto's.</p> <p>CEH established several part-time extra help Stormwater Technician positions to provide follow up for polystyrene and plastic bag ban inspections to ensure that these products are phased out and replaced with more environmentally friendly products, including re-useable bags. For the 36 routine stormwater inspections at food facilities conducted by CEH, there were no reported EPS violations.</p> <p>The County developed its % trash reduced estimate using the following assumptions: 1.) EPS food ware comprises 6% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA; 2) 80% of EPS food ware distributed</p>	<p>reduction in trash in stormwater discharges as a result of the ordinance.</p>	

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)				
Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.				
Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
		by food vendors or sold via stores in the County is affected by the implementation of the ordinance; and 3) There is now 95% less EPS food ware being distributed, sold and/or observed in the environment, based on assessments conducted by the City of Palo Alto and City of Los Altos.		
Public Education and Outreach Programs Targeted at Trash Reduction and Implemented post-MRP Adoption	<p>SMCWPPP Activities</p> <p>On behalf of the County, SMCWPPP and BASMAA implemented public education and outreach actions at the countywide and regional scales that were targeted at reducing the impacts of trash on local water bodies. For descriptions of these activities, please see Section 7 of the Program's Annual Report.</p> <p>County Activities</p> <p>In addition to the education and outreach activities conducted at the regional level, various County departments have also conducted trash reduction-related education and outreach. A complete summary of RecycleWorks activities, "Unincorporated and Countywide</p>	BASMAA conducted post-campaign surveys in FY 13-14 to assess the effectiveness and impacts of their youth litter campaign "Be the Street". The methods used by BASMAA are described in Appendix 16 of the Program's Annual Report.	Reductions (i.e., trends) in the levels of trash in stormwater discharges that occur as a result of the implementation of Public Education and Outreach campaigns and programs are very difficult to measure. Both the inherent spatial and temporal variability in trash generation and the timeframes by which behavior change occurs as a result of education and outreach largely governs our ability to link this control measure to water quality outcomes. That said, changing littering behaviors is paramount to the long-	1%

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
	<p>RecycleWorks Programs for 2013, County Household Hazardous Waste Program Data and the SBWMA At Your Door Program Data" is included in Attachment C.7.e. Highlights of County local outreach and education efforts are provided below.</p> <ul style="list-style-type: none"> • RecycleWorks' hotline and website provides comprehensive information on a variety of litter and waste reduction topics including residential, commercial and school recycling programs, reuse ideas, source reduction information, pollution prevention, information on cleanups, pickups, and drop-off events, and other news related to resource conservation issues. • RecycleWorks led field trips, gave workshop presentations, staffed booths and tables at fairs and other events throughout the County. • RecycleWorks prepared a Litter Collection Event lesson plan and provided teacher training at the Spring Science Technology Engineering and Math (STEM) Resource Fair at the San Mateo County Office of Education. The 		<p>term success of trash management programs. As described in Section 7 of the Program's Annual Report, the County has spent significant resources on local, county-wide, and public education and outreach programs that are slowly reducing the generation of trash at its source. Based on the results of assessments conducted by BASMAA in FY 13-14 to assess the effectiveness and impacts of their youth litter campaign "Be the Street" (see Program's Section 7), a modest conservative load reduction associated with public education and outreach programs is assumed.</p>	

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
	<p>lesson plan is also available on the RecycleWorks website.</p> <ul style="list-style-type: none"> • RecycleWorks organized Be Seen Keepin' It Clean campaign including a movie ad, outreach materials, North Fair Oaks community cleanup event, and the Earth Day school walk litter pickup events. • RecycleWorks published the annual school newsletter, "Resource Conservation News," distributed to 7,000 FTE (Full Time Equivalent) teachers and school administrators in San Mateo County. The newsletter provides information on litter and waste reduction topics including the Be Seen Keepin' It Clean campaign. • The County continued to support and contribute staff time to the annual BayROC (Bay Area Recycling Outreach Coalition) regional media campaigns, which focused on promoting reusable bags through the "Bring Your Own Bag" campaign via radio PSA's, web ads, and a website lgotmybag.org. • During Spring 2014, RecycleWorks 			

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
	<p>produced a third movie ad to discourage littering and illegal dumping in the County. The ad was shown from 4/11/14-5/8/14 in four theatres throughout the County. The ad had 144 screens and 355,058 impressions.</p> <ul style="list-style-type: none"> • Collaborative outreach with SMCWPPP for Coastal Cleanup Day sites in San Mateo County • Outreach and education at County Parks cleanup events (see Attachment C.7.e) • Continued with targeted outreach for North Fair Oaks area (TMA #1) including: <ul style="list-style-type: none"> ➤ Coordination, staff attendance, and presentations at North Fair Oaks Community Council illegal dumping subcommittee meetings involving development of specific recommendations for County actions and community initiatives to address illegal dumping in North Fair Oaks (i.e., no dumping signage, video surveillance, revised ordinance, new technology for reporting illegal 			

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
	<p>dumping, continued targeted outreach campaign).</p> <ul style="list-style-type: none"> ➤ Staff researched new technology for easy resident and staff reporting of illegal dumping in NFO as a pilot for a system to later be implemented throughout unincorporated San Mateo County. The County issued an RFP on March 19, 2014 for creation of this mobile application to allow for better, streamlined reporting of and response to the increasing problem of illegal dumping. A contract was recently executed in August 2014 with See Click Fix for development of the application. Once the application has been created, there will be targeted outreach during the launch of the new system. ➤ Education and outreach at the annual Be Seen Keepin' It Clean cleanup event in North Fair Oaks on May 31, 2014. • Continued targeted outreach for Colma Creek watershed including : ➤ Outreach and education at National 			

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
	<p>Rivers Cleanup Day, Coastal Cleanup day, and 2 other volunteer cleanup events as previously detailed in Section C.7.</p> <p>► DPW/FCD continued partnership and planning with Clean Water Action (CWA) and other Bay Area municipalities (San Jose, San Francisco, South San Francisco, Oakland, Sunnyvale, and Cupertino) for the second phase of the Taking Out the Trash Project (TOTT), now referred to as ReThink Disposable. The project is funded by a grant from US EPA San Francisco Bay Area Water Quality Improvement Fund Grant and local match from participating municipalities. TOTT is a non-regulatory research and outreach project aimed at identifying BMPs for reducing disposable products and packaging in take-out food businesses (fast food, cafes, convenience stores, and other take-out dining establishments). Twelve business audits were completed and involved pre- and post- assessment of amount of disposable product being used in their operations, collection of information detailing how and why they use these</p>			

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
	<p>products, BMP recommendations, and BMP implementation. The audits were then used to prepare case studies and BMP toolkits. Outreach and self-audits at 50-100 Bay Area businesses, including the Colma Creek watershed, are currently in progress. Outreach has included presentations (i.e., businesses & restaurant associations, chamber of commerce meetings), web and social media postings, and distribution of project-related materials such as case studies, cost benefit analysis information, business BMP toolkit, promotional kits, and self-audit procedures. For more information visit, http://www.cleanwater.org/ca/rethink_disposable/. TOTT will continue through March 2015.</p>			

During FY13-14, the County continued to work on and explore other jurisdiction-wide control measures including enhanced programs for uncovered loads, improved trash bin/container management, and more targeted public education and outreach including a targeted Business BMP and outreach program and an Adopt-A-Block program. However, these enhanced programs are still in development and have not yet resulted in measurable load reductions.

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)

Complete the following trash control measure implementation and assessment summary for each primary trash management area (TMA) identified in your Long-term Plan. Include the following information:

- Identify the total jurisdictional area and the % of that area that generates very high (VH), high (H), moderate (M), or low (L) levels of trash;
- Identify the dominant trash source(s) and dominant type(s) of trash addressed or to-be addressed in the TMA;
- Include the area currently treated by full capture devices, the quantity and type of devices installed to-date, and the % of jurisdictional area that generates very high (VH), high (H), moderate (M), and low (L) levels of trash after accounting for reductions via full capture devices;
- Summarize control measures other than full capture devices implemented to-date, distinguishing between implementation that began pre- and post-MRP effective date. If not implemented in the entire TMA, describe generation category targeted and % of TMA addressed;
- Provide the % of the jurisdictional area that generates very VH, H, M or L levels of trash after accounting for all control measures implemented to-date;
- Describe the methods used to evaluate the effectiveness of control measures other than full capture devices, and any assessment results to-date. If the method was not implemented in the entire TMA, describe generation category targeted and % of TMA addressed; and
- Provide an estimate of the % of trash reduced in the TMA and jurisdiction-wide.

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
1	703	Illegal dumping, pedestrian and vehicle litter, and inadequate container management	All trash types	Baseline Generation (Pre-MRP)	0%	44%	37%	19%	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account Full Capture Devices	0%	11%	29%	60%	
Total Area (Acres)	305	63 CPS units have been installed to date.							
% of TMA	43								
% of VH/H/M	50								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0%	11%	29%	60%
<ul style="list-style-type: none"> The DPW Roads Division conducts weekly on-land trash cleanups at multiple locations throughout the North Fair Oaks (NFO) community. The cleanup activities are conducted using the SWP work force (generally two workers) and a DPW Roads Division supervisor. The cleanups typically occur on Mondays along an established hot spot route (i.e., 5th Ave, railroad tracks and right-of-way, Fair Oaks School), as well as at complaint specific locations. On average, approximately 3 cubic yards of litter are collected per cleanup day. The County continues to maintain the Athlone Terrace Pump Station, located in the NFO area. The Station pumps stormwater from roughly half of the NFO basin to a box culvert on Marsh Road (Atherton Channel) in Redwood City. The Atherton Channel then flows to the Bayfront Canal before entering the San Francisco Bay. The pump station has a partial screening device which screens trash during low flow. The partial screening device consists of expanded metal diamond shaped screening (1.5 inches by 0.5 inches and 30 inches high) that separately surrounds both pumps in the sump. Road maintenance staff manually removes accumulated trash from the screened area on an as needed basis. The County continues to maintain public containers in NFO that were installed pre-MRP (ten public containers located on Middlefield Road and four public containers located at the local parks and the community center, where excess litter had been documented). These containers are serviced twice a week by the Franchised Hauler and cleaned every six months by County staff. In 2011, the DPW street sweeping operations staff worked closely with Recology San Mateo operations staff on the synchronization of street sweeping routes with garbage and recycling collection routes. This synchronization ensures maximum scheduling coordination and reduction of fugitive trash that stems from garbage collection. Since 2011, DPW RecycleWorks staff and the Board of Supervisors District 4 Office have been working with the North Fair Oaks Community Council (NFOCC) to organize an annual cleanup event (generally around Earth Day). DPW staff works with the NFOCC prior to the event to identify hot spot locations for cleanup. 									

<p>Each year, the event is a success, particularly in terms of raising awareness. For FY13-14, the cleanup event was held on May 31, 2014 as part of the Be Seen Keepin' It Clean campaign. The event had over 150 volunteers and resulted in collection of a total of 3.08 tons of solid waste, 0.06 tons recycling, 0.01 tons organics from North Fair Oaks neighborhoods. In FY09-10, DPW installed one partial-capture treatment device (ARS) along Middlefield Road.</p> <ul style="list-style-type: none"> • DPW continued with increased storm drain inlet maintenance frequency (increased from once per year to quarterly) in the NFO area (approximately 189 catch basins/inlets). • Since TMA #1 is a hotspot of illegal dumping, the County's Illegal Dumping Workgroup has focused much of its attention on the NFO community. The Workgroup has completed introductory research on illegal dumping in TMA #1 that identified the main drivers of illegal dumping in that community as well as best management practices and possible solutions. Research was presented to the NFOCC in Fall 2013 for consideration in their work. Since then, the NFOCC has selected illegal dumping as a main concern and focus for 2014 and beyond and developed a subcommittee to address illegal dumping. The NFOCC illegal dumping subcommittee developed specific recommendations for County actions and community initiatives to address illegal dumping in North Fair Oaks (i.e., no dumping signage, video surveillance, revised ordinance, new technology for reporting illegal dumping, continued targeted outreach campaign). • As described in the jurisdiction-wide outreach section above, County Illegal Dumping Workgroup researched new technology for easy resident and staff reporting of illegal dumping in NFO as a pilot for a system to later be implemented throughout unincorporated San Mateo County. The County issued an RFP on March 19, 2014 for creation of this mobile application to allow for better, streamlined reporting and response to the increasing problem of illegal dumping. A contract was recently executed in August 2014 with See Click Fix for development of the application. • In October 2011, Code Enforcement staff began attending monthly North Fair Oaks Community Meetings with the public. Staff answer questions about code enforcement and illegal dumping and serve as a resource for the community. Staff offer suggestions for recycling, garbage, and provide information on the entities that would be able to best assist residents. 					
<p>Assessment Methods for Control Measures Other than Full Capture Devices</p>					
<p>As part of the County's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in February 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash</p>					

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C.10 – Trash Load Reduction

<p>generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.</p>					
<p align="center">Summary of Assessment Results To-date</p>					
<p>On-land visual assessments were not conducted in this TMA in FY 13-14 and therefore no load reductions associated control measures other than full capture devices are assumed to have occurred. Assessments may be conducted in subsequent years.</p>					
<p>Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions</p>	<p align="center">65%</p>				
<p>Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions</p>	<p align="center">44%</p>				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
2	35	Illegal dumping , pedestrian and vehicle litter, and inadequate container management	All trash types	Baseline Generation (Pre-MRP)	0%	62%	37%	1%	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account Full Capture Devices	0%	58%	33%	9%	
Total Area (Acres)	3	4 CPS units have been installed to date.							
% of TMA	8								
% of VH/H/M	8								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	91%	9%
<ul style="list-style-type: none"> The DPW Roads Division conducts on-land trash cleanups approximately twice per month along 87th Street from Sullivan Avenue to Park Plaza Drive. The clean-up activities are conducted using the SWP work force (generally two workers) and a DPW Roads Division supervisor. The cleanups typically occur every other Tuesday. Additionally, the DPW Roads Division crew also conducts routine patrols in the Broadmoor area every Monday. In 2013, County DPW initiated the process for posting and establishment of no parking zones along all streets in TMA #2 that were mapped as having moderate and high trash generation rates. The item was presented to the Board of Supervisors on August 6, 2013. Due to community opposition, the Board of Supervisors postponed the item to allow DPW staff additional time to hold community meetings and further study the extent of the problem. Opposition included petitions signed by 96 residents in the Broadmoor area. A follow-up community meeting was held, and opponents continued to question the degree of trash impacts, expressed concern about lack of parking, inconvenience for elderly and parents with young children, and visual impacts due to signage. The preferred community option for addressing litter in this area is via voluntary community on-land cleanups. Residents agreed to participate in a pilot program to keep litter out of the gutters beginning in FY13-14. The County agreed to try this approach in lieu of enhanced street sweeping as a 6 month trial. The effort began in April and residents agreed to voluntarily cleanup street litter and move the vehicles during street sweeping. During this trial period, the Road Maintenance crew has done monthly photo documentation of trash conditions and regular e-mail updates have been sent to the residents. Improvements have been documented, but there is visible trash still present. To facilitate this effort, in late August/early September 2014 the Roads Department installed 70 signs displaying the street sweeping schedule. The trial period has been extended through the end of 2014. If after this initial assessment period, trash reduction goals are not being met, the County will move forward with the previous proposal for enhanced street sweeping in all areas with Moderate and High trash generation rates. The County also plans to begin work on a more formal Adopt-A-Block program. 									

<ul style="list-style-type: none"> County staff work to engage the community on garbage complaints. In October 2013, Code Enforcement staff began attending monthly Broadmoor Community Meetings with the public. Code Enforcement will continue participation into early 2014. Staff answer questions about code enforcement and illegal dumping and serve as a resource for the community. Staff offer suggestions for recycling, garbage, and provide information on the entities that would be able to best assist residents. Enhanced methods for capturing loose debris from the Franchised hauler for the area has been included in the City of Daly City RFP for garbage/recycling collection services in the Broadmoor area. The RFP process has not yet been completed. The County will continue to work with the new Franchised hauler and the City of Daly City to improve methods for reducing litter left behind from servicing carts. In June 2014, four partial capture devices (United Stormwater ARS) were installed at the intersections of 87th Street and Village Lane and 87th Street and Washington Street. 					
Assessment Methods for Control Measures Other than Full Capture Devices					
<p>As part of the County's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in February 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.</p>					
Summary of Assessment Results To-date					
<p>In Summer 2014, a total of 2 sites or 2,100 linear feet of streets and sidewalks in this TMA (i.e., 14% of streets/sidewalks with M, H or VH generation rates) were assessed using the on-land visual assessment protocol. Based on the results of these assessments, the area in this TMA where control measures other than full capture devices are implemented was determined to have 0% low, 100% moderate, 0% high and 0% very high levels of trash. The results to the right include not only the reduction observed via on-land assessments, but also via full capture devices (as applicable).</p>					
Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions		68%			
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions		3%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
3	40	Illegal dumping , pedestrian and vehicle litter, and inadequate container management	All trash types	Baseline Generation (Pre-MRP)	0%	21%	76%	3%	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)			After taking into account Full Capture Devices	0%	13%	60%	27%
Total Area (Acres)	10	12 CPS units have been installed to date.							
% of TMA	24								
% of VH/H/M	25								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0%	13%	60%	27%
<ul style="list-style-type: none"> The DPW Roads Division conducts routine on-land cleanups at hot spot locations including A Street, D Street, and Reiner Street. The clean-up activities are conducted using the SWP work force (generally two workers) and a DPW Roads Division supervisor. Additionally, the DPW Roads Division crew also conducts routine patrols in the Colma area every Monday. In 2011, one partial-capture treatment device (ARS) was installed near the intersection of Valley Street and Hillside Boulevard. 									
Assessment Methods for Control Measures Other than Full Capture Devices									
<p>As part of the County's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in February 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.</p>									
Summary of Assessment Results To-date									

<p>On-land visual assessments were not conducted in this TMA in FY 13-14 and therefore no load reductions associated control measures other than full capture devices are assumed to have occurred. Assessments may be conducted in subsequent years.</p>					
<p>Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions</p>	<p>30%</p>				
<p>Estimated % Trash Reduction <u>Jurisdiction-wide</u> due to New or Enhanced Post-MRP actions</p>	<p>1%</p>				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
4	61	Illegal dumping , pedestrian and vehicle litter, and inadequate container management	All trash types	Baseline Generation (Pre-MRP)	0%	2%	98%	0%	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account Full Capture Devices	0%	2%	98%	0%	
Total Area (Acres)	0	No full trash capture devices have been installed to date.							
% of TMA	0								
% of VH/H/M	0								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0%	2%	98%	0%
<ul style="list-style-type: none"> In 2011, the DPW street sweeping operations staff worked closely with Recology San Mateo operations staff on the synchronization of street sweeping routes with the garbage and recycling collection routes to ensure maximum scheduling coordination and the reduction of fugitive trash resulting from garbage collection. 									
Assessment Methods for Control Measures Other than Full Capture Devices									
<p>As part of the County's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in February 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.</p>									
Summary of Assessment Results To-date									
On-land visual assessments were not conducted in this TMA in FY 13-14 and therefore no load reductions associated control measures other than full capture devices are assumed to have occurred. Assessments may be conducted in subsequent years.									

Estimated % Trash Reduction in <u>TMA</u> due to New or Enhanced Post-MRP actions	0%
Estimated % Trash Reduction <u>Jurisdiction-wide</u> due to New or Enhanced Post-MRP actions	0%

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
5	162	Illegal dumping , pedestrian and vehicle litter, and inadequate container management	All trash types	Baseline Generation (Pre-MRP)	0%	0%	98%	2%	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account Full Capture Devices	0%	0%	86%	14%	
Total Area (Acres)	21	17 CPS units have been installed to date.							
% of TMA	13								
% of VH/H/M	13								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	85%	15%
<ul style="list-style-type: none"> The DPW Roads Division conducts on-land trash cleanups at hot spot locations where litter is more commonly observed in the Princeton (along Airport, Cornell, and California) and Moss Beach areas. The cleanup activities are conducted using the SWP work force (generally two workers) and a DPW Roads Division supervisor. The cleanups typically occur every other Wednesday. 									
Assessment Methods for Control Measures Other than Full Capture Devices									
<p>As part of the County's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in February 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.</p>									
Summary of Assessment Results To-date									

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<p>In Summer 2014, a total of 1 site or 1,400 linear feet of streets and sidewalks in this TMA (i.e., 4% of streets/sidewalks with M, H or VH generation rates) were assessed using the on-land visual assessment protocol. Based on the results of these assessments, the area in this TMA where control measures other than full capture devices are implemented was determined have 65% low, 35% moderate, 0% high and 0% very high levels of trash. The results to the right include not only the reduction observed via on-land assessments, but also via full capture devices (as applicable).</p>					
<p>Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions</p>	<p>13%</p>				
<p>Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions</p>	<p>1%</p>				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
6	4	Pedestrian and vehicle litter and inadequate container management	All trash types	Baseline Generation (Pre-MRP)	0%	0%	96%	4%	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account Full Capture Devices	0%	0%	44%	56%	
Total Area (Acres)	2	9 CPS units have been installed to date.							
% of TMA	52								
% of VH/H/M	54								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	44%	56%
<ul style="list-style-type: none"> DPW RecycleWorks has scheduled future work with the West Bay Sanitary District to ensure synchronization of street sweeping routes with the garbage and recycling collection routes. This synchronization will ensure maximum scheduling coordination and reduction of fugitive trash that stems from garbage collection. 									
Assessment Methods for Control Measures Other than Full Capture Devices									
<p>As part of the County's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in February 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.</p>									
Summary of Assessment Results To-date									
On-land visual assessments were not conducted in this TMA in FY 13-14 and therefore no load reductions associated control measures other than full capture devices are assumed to have occurred. Assessments may be conducted in subsequent years.									

Estimated % Trash Reduction in <u>TMA</u> due to New or Enhanced Post-MRP actions	54%
Estimated % Trash Reduction <u>Jurisdiction-wide</u> due to New or Enhanced Post-MRP actions	0%

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
7	264	Pedestrian and vehicle litter and inadequate container management	All trash types	Baseline Generation (Pre-MRP)	0%	9%	89%	3%	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account Full Capture Devices	0%	2%	84%	14%	
Total Area (Acres)	30	2 CPS units have been installed to date.							
% of TMA	11								
% of VH/H/M	12								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0%	1%	73%	26%
<ul style="list-style-type: none"> In 2011, the DPW street sweeping operations staff worked closely with Recology San Mateo operations staff on the synchronization of street sweeping routes with the garbage and recycling collection routes to ensure maximum scheduling coordination and the reduction of fugitive trash resulting from garbage collection. Targeted outreach was conducted to a church where litter had been previously documented. During the 2013 visual assessment and trash mapping verification process, the parcel was mapped as having a high trash generation rate. The County sent a letter to the church explaining the MRP requirements and future visual assessments. The church replied to the County with a letter stating that they would ensure that in the future the facility is clean. The church sent a letter to all organizations that use the church grounds so they are aware of the requirements and to help keep the surrounding area free of litter. At the last monthly work day for the church, they conducted a special cleanup and inspection of the property for litter. They also agreed to routinely clean and inspect the property on a monthly basis. Targeted outreach was also conducted in a residential area surrounding a school in the San Mateo Highlands area. During the 2013 visual assessment and trash mapping verification process, the associated parcels were mapped as having a moderate trash generation rate. In 2013, County DPW initiated the process for posting and establishment of no parking zones along streets bordering the school that were mapped as having moderate trash generation rates. The item was presented to the Board of Supervisors on August 6, 2013. Due to community opposition, the Board of Supervisors postponed the item to allow DPW staff additional time to hold community meetings and further study the extent of the problem. Since then, DPW management has been working with the community on a voluntary effort. The effort began in April and residents agreed to voluntary cleanup street litter and move the vehicles during street sweeping. During this trial period, the Road Maintenance crew has done monthly photo documentation of trash 									

<p>conditions and regular e-mail updates have been sent to the residents. Improvements have been documented. The trial period has been extended through the end of 2014. If after this initial assessment period, trash reduction goals are not being met, the County will consider moving forward with the previous proposal for enhanced street sweeping in this area.</p> <ul style="list-style-type: none"> DPW RecycleWorks staff continued to work with schools to reduce waste. One particular activity involves promoting a no waste lunch. For FY 13-14, RecycleWorks continued to work with the Safe Routes to Schools program to organize litter cleanup events where students, parents, and the community pick up litter on the way to school. This was part of the Be Seen Keepin' it Clean campaign. 					
Assessment Methods for Control Measures Other than Full Capture Devices					
<p>As part of the County's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in February 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.</p>					
Summary of Assessment Results To-date					
<p>In Summer 2014, a total of 6 sites or 6,600 linear feet of streets and sidewalks in this TMA (i.e., 23% of streets/sidewalks with M, H or VH generation rates) were assessed using the on-land visual assessment protocol. Based on the results of these assessments, the area in this TMA where control measures other than full capture devices are implemented was determined have 72% low, 26% moderate, 0% high and 0% very high levels of trash. The results to the right include not only the reduction observed via on-land assessments, but also via full capture devices (as applicable).</p>					
Estimated % Trash Reduction <u>in TMA</u> due to New or Enhanced Post-MRP actions		38%			
Estimated % Trash Reduction <u>Jurisdiction-wide</u> due to New or Enhanced Post-MRP actions		6%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
8	4	Illegal dumping , pedestrian and vehicle litter, and inadequate container management	All trash types	Baseline Generation (Pre-MRP)	0%	0%	100%	0%	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account Full Capture Devices	0%	0%	100%	0%	
Total Area (Acres)	0	Zero full trash capture devices have been installed to date.							
% of TMA	0								
% of VH/H/M	0								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	100%	0%
<p>The DPW Roads Division conducts on-land trash cleanups at hot spot locations where litter is more commonly observed in the Pescadero area (Stage Road between Highway 1 and State Route 84 and along Pescadero Creek Road from Highway 1 to Stage Road). The cleanup activities are conducted using the SWP work force (generally two workers) and a DPW Roads Division supervisor. The cleanups typically occur every other Wednesday.</p>									
Assessment Methods for Control Measures Other than Full Capture Devices									
<p>As part of the County's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in Feb 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.</p>					After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	100%	0%
Summary of Assessment Results To-date									

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C.10 – Trash Load Reduction

<p>In Summer 2014, a total of 1 site or 400 linear feet of streets and sidewalks in this TMA (i.e., 35% of streets/sidewalks with M, H or VH generation rates) were assessed using the on-land visual assessment protocol. Based on the results of these assessments, the area in this TMA where control measures other than full capture devices are implemented was determined have 0% low, 100% moderate, 0% high and 0% very high levels of trash. The results to the right include not only the reduction observed via on-land assessments, but also via full capture devices (as applicable).</p>					
<p>Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions</p>	0%				
<p>Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions</p>	0%				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
9	171,904	Occasional illegal dumping or littering	Household items		Baseline Generation (Pre-MRP)	0%	0%	0%	100%
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)			After taking into account Full Capture Devices	0%	0%	0%	100%
Total Area (Acres)	194	58 CPS units and 1 StormFilter device have been installed to date. Please note that many of the units were specifically sited to deal with litter in urban or commercial pockets within other TMAs, but treat areas within TMA #9 or are located in TMA #9 because of the mosaic of land uses and local drainage patterns. Some devices were also sited specifically to deal with the trash prohibition for the James V. Fitzgerald Area of Special Biological Significance.							
% of TMA	0								
% of VH/H/M	0								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	0%	100%
See C.10.d Part A – Jurisdiction-wide Actions									
<p>In addition to the jurisdiction-wide actions, the County continues to implement on-land cleanup activities that help to maintain the low trash generation levels for this TMA (i.e., Coastal Cleanup Day, Earth Day events, and County Parks volunteer cleanups). The DPW Roads Division conducts on-land trash cleanups at key locations throughout unincorporated San Mateo County. The cleanups are generally conducted at locations where illegal dumping is more frequently observed. Areas within TMA #9 include the Pescadero area (Stage Road between Highway 1 and State Route 84 and along Pescadero Creek Road from Highway 1 to Stage Road), the Mid-Coast area (along Airport Street in Princeton and Etheldore Street in Moss Beach), along Canada Road (near Interstate 280), and along Polhemus Road (near San Mateo Highlands). The clean-up activities are conducted using the SWP work force (generally two workers) and a DPW Roads Division supervisor. The cleanups typically occur twice per month at each location.</p> <p>The DPW Roads Division crew also conducts routine patrols along County-maintained roadways in the following areas: unincorporated Colma, Broadmoor, Burlingame Hills, San Mateo Highlands (along Polhemus Road, upper and lower Crystal Springs Road, Skyline Boulevard, Ralston Avenue) and Emerald Lake Hills (along Edgewood Road, Canada Road, Edmonds Road, Crestview Drive) and along Guadalupe Canyon Parkway near Daly City. The patrols are conducted every Monday and are specifically done to cleanup illegal dumping and areas with accumulated trash.</p> <p>County Parks staff conduct regular trash maintenance at all County parks, such as regular garbage collection, cleaning restrooms, and picking up litter throughout the parks. County Parks sustained the 20% increase in</p>									

<p>volunteer cleanup efforts since MRP adoption. County Parks organized 19 volunteer on-land trash cleanup events, including a Coastal Cleanup Day and Earth Day event. With 620 volunteers, approximately 700 lbs of trash was removed from County Parks. In addition to staff maintenance, Parks initiatives include Coastal Cleanup Days, Earth Day cleanups, additional volunteer cleanups and SWP cleanups. In FY13-14 County Parks installed 6 Bearsaver trash containers at Edgewood County Park and Natural Preserve and 24 at Coyote Point Recreation Area.</p>					
<p>Assessment Methods for Control Measures Other than Full Capture Devices</p>					
<p>See C.10.d Part A – Jurisdiction-wide Actions</p>					
<p>Summary of Assessment Results To-date</p>					
<p>See C.10.d Part A – Jurisdiction-wide Actions</p>	<p>Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions</p>	<p>TMA generates a level of trash that does not adversely affect water quality and therefore no reductions are needed.</p>			
<p>Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions</p>	<p>N/A</p>				

Permittee Name: County of San Mateo

C.10.d ► PART C – Estimated Overall Trash Load Reduction

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.d – Parts A and B and creek/shoreline cleanups not reported in C.10.b.iii. Provide a statement regarding the confidence in the estimate and challenges and/or successes in measuring progress towards the 40% trash reduction target described in provision C.10.

Discussion of Trash Reduction Estimate:

The preliminary trash load reduction estimates presented in this section provide the best available estimate of trash reduction from the County's municipal separate stormwater sewer system (MS4). These estimates were developed consistent with the trash reduction framework developed in collaboration with Water Board staff in 2013-14, and the Pilot SMCWPPP Trash Assessment Strategy submitted to the Water Board in February 2014. All estimates are based on available information collected by the County, should be considered preliminary at this time, and are subject to revision by Permittees based on additional information on the effectiveness of trash controls, the magnitude and extent of trash control measure implementation, and/or the levels of trash discharged from the County's MS4.

Trash reduction estimates were based on initial data collection efforts that began in FY 13-14 and utilize the verified levels of baseline trash generation in the County. Reductions associated with jurisdictional-wide trash control measures, trash full capture devices, and other TMA-specific control measures are included. Reductions associated with jurisdictional-wide actions are based on a combination of data collection and observations applicable to the County. Reductions associated with trash full capture devices assume that trash generated in areas treated by effectively maintained devices reduce trash to a level of "no adverse impacts" to local water bodies. For control measures other than full capture devices, all reductions estimates are based on empirical observations of current trash levels (i.e., on-land visual assessments) and associated reductions in applicable trash management areas.

County staff continued to implement the Colma Creek Maintenance and Monitoring Program that was started in 2005. The Program involves quarterly inspections (including documentation of trash and illegal dumping) and approximately 10 cleanups utilizing work force from the Sherriff's Work Program. For FY13-14, 11 cleanups were conducted resulting in approximately 26 cubic yards of litter and illegally dumped materials were removed from Colma Creek. This was an existing program and is not being counted towards the County's load reduction.

The County conducted additional shoreline and creek cleanup event including three Colma Creek volunteer cleanup events and nine cleanup events at Coyote Point. Approximately 85% of the cleanup activities at Coyote Point were along the shoreline. Since MRP adoption, there has been an approximate 20% increase in volunteer cleanup activities by Parks. Although the County removed approximately 1980 gallons of trash from local creeks and shorelines during FY 13-14 during actions conducted above and beyond those required by the MRP, this amount is not included in the percent reduction estimated presented in this section. This decision is specific to FY 13-14 and does not preclude the County from incorporating trash reductions associated with creek and shoreline cleanups into future percent reduction estimates.

Estimated % Trash Reduction due to Jurisdictional-wide Actions	13%
Estimated % Trash Reduction due to Trash Full Capture Devices (All TMAs)	50%

C.10.d ► PART C – Estimated Overall Trash Load Reduction

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.d – Parts A and B and creek/shoreline cleanups not reported in C.10.b.iii. Provide a statement regarding the confidence in the estimate and challenges and/or successes in measuring progress towards the 40% trash reduction target described in provision C.10.

Estimated % Trash Reduction due to Other Control Measures (All TMAs)	5%
SubTotal for Above Actions	68%
Estimated % Trash Reduction due to Creek/Shoreline Cleanups (All TMAs)	0%
Total Estimated % Trash Reduction in FY 13-14	68%

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).

Please refer to SMCWPPP's FY 13-14 Annual Report for details regarding countywide efforts to promote and facilitate collection and recycling of mercury containing devices and equipment at the consumer level through San Mateo County Health Department's Household Hazardous Waste (HHW) Program and Very Small Quantity Generator Business Collection (VSQG) Program.

CEH operates HHW and VSQG programs which assisted in the collection of mercury from residents and small businesses throughout the County. Collection includes fluorescent lamps, compact fluorescent lamps, as well as thermostats and other mercury containing devices. County programs assisted approximately 13,260 households and 230 businesses throughout the County in disposing of their unwanted HHW. Please refer to the Countywide Program's Annual Report for more detailed information on pollution prevention outreach efforts to the general public.

Please see the CEH, RecycleWorks, and Flowstobay websites for additional information on outreach efforts:

- CEH - <http://smchealth.org/hhw>
- Recycleworks - <http://www.recycleworks.org/toxics/index.html>
- Flowstobay - http://www.flowstobay.org/cs_too_toxic.php

These programs promote HHW drop-off events and provide information on local businesses (such as Home Depot, Lowe's, IKEA, Orchard Supply Hardware) that provide residents and small businesses the opportunity to drop-off mercury-containing devices and equipment (e.g., fluorescent bulbs, thermostats, thermometers and/or switches) at designated locations on specific dates, times and/or business hours. All three programs also promote pick up/drop off services through the South Bayside Waste Management Authority (SBWMA, also called RethinkWaste) via At-Your-Door Special Collection (<http://wmatyourdoor.com/>). The CEH utilizes the Thermostat Recycling Corporation, an organization developed on behalf of the thermostat manufacturers, that recycles mercury-containing thermostats and switches generated by residents and small businesses. The HVAC industry is the largest generator of these waste streams and is the targeted audience to inform of this recycling option.

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.

As described above, CEH operates HHW and VSQG programs which assisted in the collection of mercury from residents and small businesses throughout the County, including fluorescent lamps, compact fluorescent lamps, as well as thermostats and other mercury containing devices. County programs assisted approximately 13,703 households and 269 businesses throughout the County in disposing of their unwanted HHW.

Please refer to the SMCWPPP FY 13-14 Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the SMCWPPP area.

FY 2013-2014 Annual Report

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C.11 – Mercury Controls

Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps ⁶³ (linear feet)	60,122	N/A
CFLs ⁶⁴ (each)	10,593 (11,587)	N/A
Thermostats ⁶⁵ (each)	9	N/A
Thermostats (lbs)	N/A	N/A
Thermometers (each)	68	N/A
Switches (lbs)	N/A	N/A
Total Mass of Mercury Collected During FY 2013-2014:		N/A

⁶³ Only linear fluorescent lamps should be included

⁶⁴ Only compact fluorescent lamps should be included but linear and u-bend tubes are included (in parentheses)

⁶⁵ Thermostats can be reported by quantity or by pounds. Whichever unit is used, please avoid double-counting.

- 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 SMCWPPP and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 13-14 Annual Report and March 2014 Integrated Monitoring Report, Parts B and C.

Section 12 - Provision C.12 PCBs Controls

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:

County staff (29 CEH, 3 DPW) attended the Commercial/Industrial Stormwater Inspector Workshop on April 17, 2014, which contained information on incorporating PCBs and PCBs-containing equipment into inspections. Additionally, Haz Mat staff have training material available for pollutant of concern identification, including resources such as the Santa Clara Valley Urban Runoff Pollution Prevention Program's June 3, 2010 "POC Commercial/Industrial Inspector Training Material," the US EPA's "Polychlorinated Biphenyl Inspection Manual," (<http://www.epa.gov/oecaerth/resources/publications/monitoring/tsca/manuals/pcbinspect/index.html>) and training material provided at annual CUPA Conferences.

- 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 SMCWPPP and regional accomplishments for these sub-provisions are included within the C.12 PCBs Controls section of Program's FY 13-14 Annual Report and March 2014 Integrated Monitoring Report, Parts B and C.

Section 13 - Provision C.13 Copper Controls

C.13.a.iii.(2) ► Training, Permitting and Enforcement Activities

(FY 11-12 Annual Report and each Annual Report thereafter) Provide summaries of activities implemented to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction including. :

- Development of BMPs on how to manage the water during and post construction
- Requiring the use of appropriate BMPs when issuing building permits
- Educating installers and operators on appropriate BMPs
- Enforcement actions taken against noncompliance

The following is a description of how the County is implementing the measures listed above:

- County staff (12 DPW, 6 P&B) attended the Construction Site Stormwater Inspector Training Workshop on April 23, 2014.
- The Countywide Program collaborated with BASMAA to develop BMPs to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post construction.
- The Countywide Program updated its Construction Site Inspection Report Form (construction site BMP evaluation form) to include review of site management of architectural copper rinse water. Non-compliance with this and erosion control requirements are met with enforcement actions as described in the Enforcement Response Plan.
- The Countywide Program updated its Stormwater Requirements Checklist to include the architectural copper BMPs in the list of source controls measures that may apply to projects.
- Both the revised Construction Site Inspection Report Form and Stormwater Requirements Checklist are used by Planning and Building staff during inspections and project review.
- The Countywide Program, in collaboration with the Santa Clara Valley Urban Runoff Pollution Prevention Program, prepared an educational flyer on the BMPs. Staff distribute the flyer on architectural copper to project applicants and/or contractors installing and/or maintaining architectural copper via posting of the flyer on the County website. The flyer is also posted on P&B's website: http://planning.smcgov.org/sites/planning.smcgov.org/files/Architectural_copper_BMPs_FINAL.pdf

Enforcement actions taken against noncompliance – There were no projects permitted and/or inspected involving construction with architectural copper. Therefore, the County did not take any enforcement action.

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

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

Summary

Permittee Name: County of San Mateo

The above described measures have been effective in preventing discharge of wastewater to storm drains during the installation, cleaning, treating, and washing of the surface of copper architectural features as there were no problems/violations involving architectural copper at construction sites this fiscal year. As stated previously, the Countywide Program updated its Stormwater Requirements Checklist to include the architectural copper BMPs in the list of source controls measures that may apply to projects.

In addition, industrial facility inspection staff attended a training workshop on April 17, 2014, for commercial/industrial inspections that contained information on industrial source of copper and provided training material for pollutant identification, including resources such as the Santa Clara Valley Urban Runoff Pollution Prevention Program's June 3, 2010 "POC Commercial/Industrial Inspector Training material."

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

Note: There are no reporting requirements in the FY 13-14 Annual Report for Section C.14.

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. Provide any clarifying comments below.

Comments:

Planned discharges included flushing of the Town of Pescadero (CSA 11) water system on December 3, 2013. BMPs were implemented and discharges were monitored per the MRP C.15 requirements. The La Honda Water (CSA 7) water system was flushed on December 13, 2013; however, given the rural nature of the area, there were no discharges to the MS4 system. For FY13-14, there were no unplanned discharges to the MS4 system.

During FY13-14, DPW staff participated in the SMCWPPP Water Utility Work Group and attended the Regional Water Board's May 19, 2014 water distribution system general permit workshop.

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:

SMCWPPP offers several educational guidelines regarding landscape design for commercial and residential landscaping and gardening. Two specific outreach guide books are the San Mateo County Sustainable Green Streets and Parking Lot Design Guidebook and the Bay-Friendly Gardening Guide Book. These guidebooks, along with other irrigation, landscape, and gardening outreach materials can be found at http://www.flowstobay.org/cs_request_materials.php. Please see sections C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of the SMCWPPP FY 13-14 Annual Report for additional information. The County Planning and Building Department makes the above guidebooks and other materials produced by the Countywide Program available to the public at the front counter of the permit desk. This material was designed to minimize runoff and pollutant loading from excess irrigation within our jurisdiction. These materials were also distributed at the outreach events summarized in C.7 above.

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Additionally, multiple outreach efforts were made by DPW RecycleWorks program, County Green Portal, James V. Fitzgerald Area of Special Biological Significance Pollution Reduction Program, and through participation in the Countywide Program's public outreach efforts. Please see the following websites for specific outreach materials:

www.recycleworks.org/compost/index.html

www.co.sanmateo.ca.us/portal/site/greenportal

<http://www.flowstobay.org/bayfriendly>

<http://www.flowstobay.org/pestcontrol>

<http://www.flowstobay.org/teameffort>

<http://www.flowstobay.org/publications>

<http://smchealth.org/asbs>

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/minute)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ⁶⁶ (NTU)	Implemented BMPs & Corrective Actions
Town of Pescadero (CSA 11) - 1431 Pescadero, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	01:12	9,360	780	<0.02	7.0	0.4	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - 67 Water Lane, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:10	4,400	440	<0.02	7.3	1.5	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - 1521 Pescadero, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:15	11,700	780	<0.02	7.4	3.4	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - 1613 Pescadero, hydrant, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:22	17,160	780	<0.02	7.6	1.5	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices

⁶⁶ Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/minute)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ⁶⁶ (NTU)	Implemented BMPs & Corrective Actions
Town of Pescadero (CSA 11) - 1805 Pescadero, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:12	8,580	780	<0.02	7.3	0.8	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - 1899 Pescadero, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:09	7,020	780	<0.02	7.5	5.2	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - near 2131 Pescadero, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:02	2,200	440	<0.02	7.6	2.3	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - 10 Stage, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:08	3,520	440	<0.02	7.6	1.7	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - 22 Stage, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:09	3,960	440	<0.02	7.6	0.9	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/minute)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ⁶⁶ (NTU)	Implemented BMPs & Corrective Actions
										Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - Corner of Pescadero & Stage, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:13	10,140	780	<0.02	7.5	0.6	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - 216 Stage, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:17	13,260	780	<0.02	7.6	1.1	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - 320 Stage, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:08	6,240	780	<0.02	7.6	1.8	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - Corner of Stage & North, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:02	1,560	780	<0.02	7.8	1.3	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of	Water system	Roadside ditch and	12/3/13	00:25	11,000	440	<0.02	7.6	4.7	In accordance with

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/minute)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ⁶⁶ (NTU)	Implemented BMPs & Corrective Actions
Pescadero (CSA 11) - 127 Goulston, hydrant	flushing	shoulder								SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - Corner of North & Goulston, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:01	440	440	<0.02	7.7	0.6	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - 737 North, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:10	4,400	440	<0.02	7.6	7.4	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - 655 North, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	00:10	4,400	440	<0.02	7.7	5.2	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices
Town of Pescadero (CSA 11) - 547 North, hydrant	Water system flushing	Roadside ditch and shoulder	12/3/13	01:00	8,800	440	<0.02	7.7	5.2	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/minute)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ⁶⁶ (NTU)	Implemented BMPs & Corrective Actions
										Best Management Practices
Town of Pescadero (CSA 11) - near 320 Pescadero, blow off valve	Water system flushing	Roadside ditch and shoulder	12/3/13	00:06	1,200	200	<0.02	7.7	0.5	In accordance with SMCWPPP Water Utility O&M Activities for Planned Potable Water Discharge to Storm Drain Best Management Practices

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System⁶⁷

Site/ Location	Discharge Type	Receiving Waterbody(ie s)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estima ted Flow Rate (gall ons/da y)	Chlori ne Residu al (mg/L) ⁶⁸	pH (standar d units) 52	Discharg e Turbidity (Visual) 52.	Imple ment ed BMPs & Corre ctive Actio ns	Time of discharge discovery	Regulatory Agency Notification Time ⁶⁹	Inspe ctor arriv al time	Responding crew arrival time
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There were no unplanned discharges.

⁶⁷ This table contains all of the unplanned discharges that occurred in this FY.

⁶⁸ Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.

⁶⁹ Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

County of San Mateo FY 2013-2014 Annual Report
ATTACHMENTS
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C.4.b.iii(1)
Potential Facilities List
Facilities Inspected by San Mateo County

FACILITY NAME		STREET NAME	CITY
PEREZ AUTO SERVICE INC	1156	HILLSIDE	DALY CITY
DAS AUTO SERVICE	1216	HILLSIDE	DALY CITY
EASY FOOD & LIQUOR #54	61	AVENUE ALHAMBRA	EL GRANADA
CREEKSIDE SMOKEHOUSE	280	AVENUE ALHAMBRA	EL GRANADA
EL GRANADA MARKET	401	AVENUE ALHAMBRA	EL GRANADA
CAFE GIBRALTAR	425	AVENUE ALHAMBRA	EL GRANADA
OCEANO HOTEL & SPA	280	CAPISTRANO	EL GRANADA
SILVER STAR GRILL	460	CAPISTRANO	EL GRANADA
FAA HALF MOON BAY RCAG		FRENCHMANS CREEK	EL GRANADA
BEACH HOUSE	4100	HWY 1	EL GRANADA
PORTOLA PUMP STATION	529	OBISPO	EL GRANADA
COASTSIDE FIRE DISTRICT, EL GRANADA	531	OBISPO	EL GRANADA
EL GRANADA HARDWARE & CAFE	85	PORTOLA	EL GRANADA
CAFE CLASSIQUE	107	SEVILLA	EL GRANADA
LA HONDA CORP YARD	59	ENTRADA	LA HONDA
SMCO THHW	59	ENTRADA	LA HONDA
AT&T California - PC017	60	Entrada	LA HONDA
LA HONDA COUNTRY MARKET	8875	HWY 84	LA HONDA
COSTA LOMA LTD	23981	HWY 9	LA HONDA
APPLE JACKS	8790	LA HONDA	LA HONDA
LOG CABIN RANCH	500	LOG CABIN	LA HONDA
GLENWOOD BOYS RANCH	400	LOG CABIN RANCH	LA HONDA
YMCA CAMP JONES GULCH	11000	PESCADERO	LA HONDA
CUESTA LA HONDA GUILD	120	SCENIC	LA HONDA
PORTOLA STATE PARK		STAR ROUTE 2	LA HONDA
COUNTY SERVICE AREA 7		TOWNE FIRE	LA HONDA
SAN MATEO COUNTY MEMORIAL PARK	9500	PESCADERO	LOMA MAR
YMCA CAMP LOMA MAR	9900	PESCADERO	LOMA MAR
COUNTRY CORNER	3207	ALAMEDA DE LAS PULGAS	MENLO PARK
FIRE STATION #4	3322	ALAMEDA DE LAS PULGAS	MENLO PARK
LUTTICKEN INC	3535	ALAMEDA DE LAS PULGAS	MENLO PARK
AVANTI PIZZA FRESH PASTA	3536	ALAMEDA DE LAS PULGAS	MENLO PARK
PLANTATION DELI CAFE ESPRESSO	3536	ALAMEDA DE LAS PULGAS	MENLO PARK
COUNTRY CLUB CLEANERS	3536	ALAMEDA DE LAS PULGAS	MENLO PARK
DUTCH GOOSE, INC	3567	ALAMEDA DE LAS PULGAS	MENLO PARK
STARBUCKS COFFEE CO	3590	ALAMEDA DE LAS PULGAS	MENLO PARK
CHEVRON STATION	3600	ALAMEDA DE LAS PULGAS	MENLO PARK
FLEA STREET CAFE	3607	ALAMEDA DE LAS PULGAS	MENLO PARK
PENINSULA EQUINE	100	ANSEL	MENLO PARK
PORTOLA VALLEY TRAINING CENTER	100	ANSEL	MENLO PARK
MOUNTAIN VIEW PHARMACEUTICALS	3475	EDISON	MENLO PARK
EMERALD THERAPEUTICS	3475	EDISON	MENLO PARK
BIOCISION LLC	3517	EDISON	MENLO PARK
BAY AREA CATERING & EVENTS	3821	FAIR OAKS	MENLO PARK
EL RINCON TARAZCO RESTAURANT	3200	MIDDLEFIELD	MENLO PARK
MEXCAL	3215	MIDDLEFIELD	MENLO PARK
ZOHRABS ARCO GARAGE	3233	MIDDLEFIELD	MENLO PARK
PANADERIA MICHOACAN #2	3266	MIDDLEFIELD	MENLO PARK
CHAVEZ SUPERMARKET	3282	MIDDLEFIELD	MENLO PARK
LAS PARRILLAS RESTAURANT	3282	MIDDLEFIELD	MENLO PARK
EL JAROCHITO TAQUERIA	3360	MIDDLEFIELD	MENLO PARK
MICHOACAN PRODUCE MARKET	3380	MIDDLEFIELD	MENLO PARK

C.4.b.iii(1)
Potential Facilities List
Facilities Inspected by San Mateo County

FACILITY NAME		STREET NAME	CITY
DONUT DEPOT	3383	MIDDLEFIELD	MENLO PARK
LA HUASTECA	3387	MIDDLEFIELD	MENLO PARK
ATHERTON CLUB SAN LUIS	3391	MIDDLEFIELD	MENLO PARK
QUIK STOP MARKET #59	3401	MIDDLEFIELD	MENLO PARK
PIZZA HUT #283326	3415	MIDDLEFIELD	MENLO PARK
ST ANTHONYS PADUA DINING ROOM	3500	MIDDLEFIELD	MENLO PARK
GARFIELD CHARTER SCHOOL	3600	MIDDLEFIELD	MENLO PARK
GHERKINS SANDWICH SHOP	171	4TH	MONTARA
DEVILS SLIDE TUNNEL PROJECT	6000	HWY 1	MONTARA
LA COSTANERA	8150	HWY 1	MONTARA
NEIGHBORHOOD MARKET	8445	HWY 1	MONTARA
MONTARA PUMP STATION		HWY 1 AT 16TH	MONTARA
HARLOES AUTOMOTIVE	850	AIRPORT	MOSS BEACH
AMERIGAS HMB	2687	AIRPORT	MOSS BEACH
MOSS BEACH DISTILLERY RESTAURANT	120	BEACH	MOSS BEACH
CABRILLO FARMS AGRICULTURE	981	CABRILLO HWY	MOSS BEACH
ODYSSEY PIZZERIA & CAFE	2350	CARLOS	MOSS BEACH
AT&T California - PC004	740	Etheldore	MOSS BEACH
EL GRAN AMIGO	2448	HWY 1	MOSS BEACH
MOSS BEACH CHEVRON	9400	HWY 1	MOSS BEACH
THREE ZERO CAFE	9850	HWY 1	MOSS BEACH
HALF MOON BAY AIRPORT	9850	HWY 1	MOSS BEACH
SETON MEDICAL CENTER COASTSIDE	600	MARINE	MOSS BEACH
COASTSIDE FIRE DISTRICT, EL GRANADA	501	STETSON	MOSS BEACH
COASTSIDE MARKET INC	501	VIRGINIA	MOSS BEACH
BEAN HOLLOW RANGE - PESCADERO	1000	BEAN HOLLOW	PESCADERO
BFI PESCADERO SOLID WASTE DISP-NEW		BEAN HOLLOW & ARTICHOKE	PESCADERO
BIANCHI FLOWERS INC.	243	BUTANO CUT OFF	PESCADERO
PESCADERO HIGH SCHOOL	350	BUTANO CUT OFF	PESCADERO
HIGHWAY 1 BREWING COMPANY	5720	CABRILLO HWY	PESCADERO
R CEVASCO NURSERY INC	10510	CABRILLO HWY	PESCADERO
CUTTER SCOUT RESERVATION	2500	CHINA GRADE	PESCADERO
RUDYS GREENHOUSES	2975	CLOVERDALE	PESCADERO
WESTLAND NURSERY #1	3439	CLOVERDALE	PESCADERO
NORTHERN ENERGY	4525	CLOVERDALE	PESCADERO
OKU INC	4525	CLOVERDALE	PESCADERO
AT&T California - PC038	115	Goulson	PESCADERO
COASTWAYS RANCH INC	640	HWY 1	PESCADERO
ANO NUEVO FLOWER GROWERS	1701	HWY 1	PESCADERO
RANCHO SIEMPRE VERDE	2050	HWY 1	PESCADERO
CASCADE RANCH	3100	HWY 1	PESCADERO
GAZOS CREEK ALLIANCE	5720	HWY 1	PESCADERO
PACIFIC COAST MUSHROOMS	6150	HWY 1	PESCADERO
MUZZI RANCH	7830	HWY 1	PESCADERO
GERALD MARCHI FARMING	9400	HWY 1	PESCADERO
MARCHI CENTRAL FARM	12720	HWY 1	PESCADERO
SUBURBAN PROPANE	387	NORTH	PESCADERO
PESCADERO CORP YARD	1000	PESCADERO	PESCADERO
PESCADERO FIRE STATION	1200	PESCADERO	PESCADERO
PESCADERO ALLIANCE	1999	PESCADERO	PESCADERO
PHIPPS FARM FRESH PRODUCE	2700	PESCADERO	PESCADERO
LOS AMIGOS	1999	PESCADERO CREEK	PESCADERO

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Potential Facilities List
Facilities Inspected by San Mateo County

FACILITY NAME		STREET NAME	CITY
COSTANOA CAMPGROUND	2001	ROSSI	PESCADERO
DUARTES TAVERN	202	STAGE	PESCADERO
DOWN TOWN LOCAL	213	STAGE	PESCADERO
SARABIAS AUTO REPAIR & TOWING	216	STAGE	PESCADERO
PESCADERO COUNTRY STORE	251	STAGE	PESCADERO
ARCANGELI MARKET	287	STAGE	PESCADERO
SOUZA TIRE & AUTO	31	WATER	PESCADERO
PESCADERO STATE BEACH	404	WATER	PESCADERO
BARBARAS FISH TRAP- ISSUED IN 1977	281	CAPISTRANO	PRINCETON
OLD PRINCETON LANDING	460	CAPISTRANO	PRINCETON
PRINCETON CORP YARD	203	CORNELL	PRINCETON
SMITH TRUCKS & EQUIPMENT	222	HARVARD	PRINCETON
ROMEO PACKING CO	106	PRINCETON	PRINCETON
MEZZA LUNA	459	PROSPECT	PRINCETON
Pillar Point Air Force Station	300	WESTPOINT	PRINCETON
PRINCETON PUMP STATION		WESTPOINT/STANFORD	PRINCETON
QUIZNOS CLASSIC	2300	BAY	REDWOOD CITY
ELIANS AUTO REPAIR	2690	BAY	REDWOOD CITY
JUAREZ AUTO BODY AND PAINT SHOP	2694	BAY	REDWOOD CITY
ESR	2732	BAY	REDWOOD CITY
BENZ COLLISION CENTER	2740	BAY	REDWOOD CITY
CHEMCO SYSTEMS INC	2800	BAY	REDWOOD CITY
FRENCH CONNECTION BAKERY	2810	BAY	REDWOOD CITY
LARSON ELECTRONIC GLASS	2840	BAY	REDWOOD CITY
CUSTOM IRON & CASTING WORKS	2886	BAY	REDWOOD CITY
ICE OASIS	3140	BAY	REDWOOD CITY
PAWPRINTS	3166	BAY	REDWOOD CITY
NICHOLS DIAMOND TOOL INC	2625	FAIR OAKS	REDWOOD CITY
DEANS ANODIZING INC	2643	FAIR OAKS	REDWOOD CITY
JOSES AUTO MECHANIC	2727	FAIR OAKS	REDWOOD CITY
SANTOS AUTO REPAIR	2803	FAIR OAKS	REDWOOD CITY
D & L PRECISION REBUILDING, INC	2821	FAIR OAKS	REDWOOD CITY
A & A ADVANCE	2959	FAIR OAKS	REDWOOD CITY
FAIR OAKS SCHOOL	2950	FAIR OAKS & OAKSIDE	REDWOOD CITY
JOES AUTO REPAIR	2904	FLOOD	REDWOOD CITY
CANO AUTO REPAIR	2905	FLOOD	REDWOOD CITY
LEONARDO AUTO MECHANIC	2905	FLOOD	REDWOOD CITY
A & M AUTO DISPOSAL	2905	FLOOD	REDWOOD CITY
KEY MARKETS	3640	FLORENCE	REDWOOD CITY
MARSH MANOR LIQUORS	3700	FLORENCE	REDWOOD CITY
LOS GALLOS TAQUERIA	3726	FLORENCE	REDWOOD CITY
FREEWHEEL BREWING CO	3736	FLORENCE	REDWOOD CITY
MARSH MANOR CLEANERS	3760	FLORENCE	REDWOOD CITY
YAT SING	3770	FLORENCE	REDWOOD CITY
WOODSIDE FIRE STATION #19	4091	Jefferson	REDWOOD CITY
REDWOOD CITY TRANSMISSION	412	MACARTHUR	REDWOOD CITY
DELUX TRANSMISSIONS	415	MACARTHUR	REDWOOD CITY
ARMANDO AUTO	419	MACARTHUR	REDWOOD CITY
B & J TOWING	427	MACARTHUR	REDWOOD CITY
EL DORADO TOWING	429	MACARTHUR	REDWOOD CITY
LAS JUNTAS RESTAURANT	2505	MIDDLEFIELD	REDWOOD CITY
SAN FRANCISCO FINE BAKERY	2537	MIDDLEFIELD	REDWOOD CITY

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Potential Facilities List
Facilities Inspected by San Mateo County

FACILITY NAME		STREET NAME	CITY
KASSANDRAS STORE	2579	MIDDLEFIELD	REDWOOD CITY
VEGAS MARKET & GRILL	2585	MIDDLEFIELD	REDWOOD CITY
SR CITIZENS NUTRITION PROGRAM	2600	MIDDLEFIELD	REDWOOD CITY
LA CHAPINA RESTAURANT	2601	MIDDLEFIELD	REDWOOD CITY
REYNOSO AUTO REPAIR	2627	MIDDLEFIELD	REDWOOD CITY
GARCIA'S AUTO BODY	2635	MIDDLEFIELD	REDWOOD CITY
UNIVERSAL AUTO SERVICES	2647	MIDDLEFIELD	REDWOOD CITY
CALIFORNIA AUTO WORKS LLC	2666	MIDDLEFIELD	REDWOOD CITY
OK RADIATOR & AIR CONDITIONING	2670	MIDDLEFIELD	REDWOOD CITY
REDWOOD CATERING	2684	MIDDLEFIELD	REDWOOD CITY
CENTERLINE MEDICAL LLC	2684	MIDDLEFIELD	REDWOOD CITY
GUARDANT HEALTH INC	2686	MIDDLEFIELD	REDWOOD CITY
ALL AMERICAN MOTORS	2701	MIDDLEFIELD	REDWOOD CITY
OSUNA AUTO REPAIR	2802	MIDDLEFIELD	REDWOOD CITY
MAZZOCCOS SPORTS BAR	2808	MIDDLEFIELD	REDWOOD CITY
7 MARES SEAFOOD RESTAURANT	2809	MIDDLEFIELD	REDWOOD CITY
J & J AUTO DETAILERS	2824	MIDDLEFIELD	REDWOOD CITY
JOSHUA CHARLES CATERING	2832	MIDDLEFIELD	REDWOOD CITY
H & H AUTOMOTIVE	2835	MIDDLEFIELD	REDWOOD CITY
JOES FOREIGN CAR SERVICE	2847	MIDDLEFIELD	REDWOOD CITY
CATRINAS TAQUERIA	2855	MIDDLEFIELD	REDWOOD CITY
EL PAISANO CARNICERIA Y MERCAD	2856	MIDDLEFIELD	REDWOOD CITY
LA TIENDITA MARKET	2875	MIDDLEFIELD	REDWOOD CITY
MALDONADOS AUTO BODY & PAINT	2900	MIDDLEFIELD	REDWOOD CITY
COOPERS AUTO REPAIR	2901	MIDDLEFIELD	REDWOOD CITY
HOLT TOOL & MACHINE INC	2909	MIDDLEFIELD	REDWOOD CITY
LA CASITA CHILANGA	2928	MIDDLEFIELD	REDWOOD CITY
HERNANDEZ WELDING	2928	MIDDLEFIELD	REDWOOD CITY
CG & E AUTO BODY	2933	MIDDLEFIELD	REDWOOD CITY
EL GRULLENSE #2	2940	MIDDLEFIELD	REDWOOD CITY
PANADERIA MICHOACAN	2940	MIDDLEFIELD	REDWOOD CITY
SHINE AUTO BODY	2945	MIDDLEFIELD	REDWOOD CITY
GUANACO RESTAURANT	2950	MIDDLEFIELD	REDWOOD CITY
L&M TRANSMISSION SVC	2951	MIDDLEFIELD	REDWOOD CITY
LADYPARTS AUTOMOTIVE SVCS	3033	MIDDLEFIELD	REDWOOD CITY
MEINEKE	3041	MIDDLEFIELD	REDWOOD CITY
EURO AMERICAN MOTOR	3060	MIDDLEFIELD	REDWOOD CITY
LOS MANGUITOS	3133	MIDDLEFIELD	REDWOOD CITY
CENADURIA LOS MANGUITOS	3143	MIDDLEFIELD	REDWOOD CITY
HOMETOWN NOODLE	3151	MIDDLEFIELD	REDWOOD CITY
TAQUERIA GONZALEZ	3194	MIDDLEFIELD	REDWOOD CITY
PENA MEAT & FOOD MARKET	3198	MIDDLEFIELD	REDWOOD CITY
CANYON COFFEE ROASTERY	3203	OAK KNOLL	REDWOOD CITY
ECONO TREE SERVICE	1914	SPRING	REDWOOD CITY
BRITISH EUROPEAN MOTORS	2001	SPRING	REDWOOD CITY
IMAGE AUTO WORKS	2259	SPRING	REDWOOD CITY
LEES AUTO REPAIR	2303	SPRING	REDWOOD CITY
EL TULENSE	2391	SPRING	REDWOOD CITY
BRENDA LIQUOR	2397	SPRING	REDWOOD CITY
VECTOR AUTO CARE	2401	SPRING	REDWOOD CITY
HIGH PERFORMANCE HOUSE	2431	SPRING	REDWOOD CITY
LINDSEY ENTERPRISES	2487	SPRING	REDWOOD CITY

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Potential Facilities List
Facilities Inspected by San Mateo County

FACILITY NAME		STREET NAME	CITY
DG FLOOR COVERINGS INC	2501	SPRING	REDWOOD CITY
B & F MACHINE SHOP	2605	SPRING	REDWOOD CITY
T&J GRAPHIC ARTS	2620	SPRING	REDWOOD CITY
PLAZA AUTO REPAIR	2658	SPRING	REDWOOD CITY
ALLOY CUTTING CO	2661	SPRING	REDWOOD CITY
SEQUOIA AUTOMOTIVE	2691	SPRING	REDWOOD CITY
MARCELS MOTOR SPORTS	2691	SPRING	REDWOOD CITY
Verizon Business: RDCECA	2700	Spring	REDWOOD CITY
GOLDEN AUTO BODY & PAINT	2710	SPRING	REDWOOD CITY
MACHINE PARTS CO., INC	2715	SPRING	REDWOOD CITY
AMERICAN PRODUCTION CO	2734	SPRING	REDWOOD CITY
TACOS EL GRULLO	2798	SPRING	REDWOOD CITY
PRECISION MICRO COMPONENTS	2900	SPRING	REDWOOD CITY
ECLIPSE METAL FABRICATION INC	2901	SPRING	REDWOOD CITY
ENCORE PERFORMANCE	2992	SPRING	REDWOOD CITY
SIMPSON COMPANY PAINTING	2992	SPRING	REDWOOD CITY
G R PERFORMANCE	3012	SPRING	REDWOOD CITY
PENINSULA TRUCK REPAIR, INC	3018	SPRING	REDWOOD CITY
BAY AREA CUSTOM SHIRTS	3130	SPRING	REDWOOD CITY
AT&T CORP - P3066	3175	Spring	REDWOOD CITY
PG&E: San Francisco Airport Substation			SAN BRUNO
FedEx Express Corp-SFOR	900	Access	SAN FRANCISCO
Delta Air Lines, Inc.-SFO Terminal		Boarding Area "C" Ramp Le	SAN FRANCISCO
UNITED STATES POSTAL SERVICE - SAN FRANCISCO ISC	600	Field	SAN FRANCISCO
AVIS Rent a Car System, LLC	780	McDonnell	SAN FRANCISCO
Enterprise/Alamo/National SFO QTA	780	McDonnell	SAN FRANCISCO
Hertz Rent-A-Car (1241-15)	782	McDonnell	SAN FRANCISCO
Budget Rent A Car System, Inc.	782	McDonnell	SAN FRANCISCO
ABX Air Inc. (DHL Express Building Location)	944	Northfield	SAN FRANCISCO
Southwest Airlines Co. - SFO Ramp		Terminal One Concourse B	SAN FRANCISCO
Delta Air Lines, Inc. - SFO Cargo			SAN FRANCISCO
POMPONIO RANCH LLC	3300	POMPONIO CREEK	SAN GREGORIO
SAN GREGORIO GENERAL STORE	7615	STAGE	SAN GREGORIO
YOUTH SERVICES CENTER CENTRAL PLANT	70	LOOP	SAN MATEO
POLHEMUS FLUORIDE STATION	525	POLHEMUS	SAN MATEO
CRYSTAL SPRINGS SERVICES INC	700	POLHEMUS	SAN MATEO
CRYSTAL SPRINGS WINES & SPIRITS	740	POLHEMUS	SAN MATEO
HILL CLEANERS	746	POLHEMUS	SAN MATEO
CRYSTAL SPRINGS PRODUCE	770	POLHEMUS	SAN MATEO
POLHEMUS CLEANERS & LAUNDRY	774	POLHEMUS	SAN MATEO
CHEVRON STATION	790	Polhemus	SAN MATEO
SFPUC CRYSTAL SPRINGS BYPASS TUNNEL N SHAFT		POLHEMUS	SAN MATEO
SKYLAWN MEMORIAL PARK	10600	SKYLINE	SAN MATEO
AT & T MOBILITY	10600	SKYLINE	SAN MATEO
PG&E: RALSTON SUBSTATION		Tower	SAN MATEO
ASIG SFO FUEL CO LLC	904	ACCESS	SFIA
UNITED AIRLINE MOC	800	AIRPORT	SFIA
SAN FRANCISCO INTERNATIONAL AIRPORT		AIRPORT MPOE BLDG #1	SFIA
SAN FRANCISCO INTL AIRPORT		APOE	SFIA
LOMITA/MILLBRAE PUMP STATION		AVIADOR	SFIA
UNITED AIRLINES		BLD 575 MCDONNELL SFOPV	SFIA

C.4.b.iii(1)
Potential Facilities List
Facilities Inspected by San Mateo County

FACILITY NAME		STREET NAME	CITY
UNITED AIRLINES INTL TERMINAL		BLDG 100	SFIA
ASIG		BLDG 1070	SFIA
UNITED AIRLINES		BLDG 400 DOMESTIC TERMINA	SFIA
UNITED AIRLINES		BLDG 642 GSE SERVICE	SFIA
SAN FRANCISCO COMMUNITY COLLEGE		BLDG 928	SFIA
BOARDING AREA A		BOARDING AREA A	SFIA
SERVISAIR		BUILDING 612	SFIA
CENTRAL PUMP STATION		CENTRAL PUMP STATION	SFIA
SWISSPORT		CENTRAL TERMINAL	SFIA
EMERGENCY COMMUNICATIONS CENTER		CONNECTOR INT'L TERMINAL	SFIA
FAA CONTROL TOWER		Control Tower	SFIA
NEW SOUTH PARKING		DOMESTIC PKNG -3RD FLR	SFIA
ALASKA AIRLINES		GATE 22	SFIA
FAA GWQ LOCALIZER		GWQ LOCALIZER	SFIA
BRITISH AIRWAYS		INTERNATIONAL TERMINAL	SFIA
SFIA MAINTENANCE FUELING STATION		MCDONNEL RD	SFIA
SKY WEST / UNITED CHARTER SERVICES	022	MCDONNELL	SFIA
MENZIES AVIATION	110	MCDONNELL	SFIA
BOMBARDIER	679	MCDONNELL	SFIA
MAINTENANCE BUILDING AUTO SHOP	782	MCDONNELL	SFIA
DOLLAR THRIFTY AUTOMOTIVE GRP INC	782	MCDONNELL	SFIA
FOX RENT A CAR	782	MCDONNELL	SFIA
PARKING GARAGE		MCDONNELL	SFIA
BOARDING AREA G		MCDONNELL	SFIA
MEL LEONG TREATMENT PLANT		MEL LEONG TREATMENT PLANT	SFIA
TERMINAL 3		NORTH TERMINAL	SFIA
T2 / OLD INTL TERMINAL		OLD INTERNATIONAL TERMINA	SFIA
SFIA TANKS (17)		PLOT 40-AVV GRD TKS SFIA	SFIA
SIGNATURE FLIGHT SUPPORT		PLOT 42	SFIA
WESTFIELD GARAGE		PLOT 7	SFIA
FAA/PRECISION RUNWAY MONITORING		RUNWAY FIELD	SFIA
FAA/VOR		RUNWAY FIELD	SFIA
SFO SHUTTLE BUS CO		SFIA	SFIA
COAST GUARD AIR STATION		SFO BLDG 1020	SFIA
SFIA SOUTH TERMINAL		SOUTH TERMINAL	SFIA
UNITED AIRLINES SUPER BAY HANGAR		SUPER BAY HANGAR	SFIA
AMERICAN AIR		SUPERBAY HANGAR	SFIA
BOARDING AREA/F, H & I CONNECTOR		TERMINAL 3- 2 TANKS	SFIA
US AIR		TERMINAL A	SFIA
UNITED AIRLINE CARGO		UNITED A/L CARGO	SFIA
FAA REMOTE TRANSMITTER RECEIVER			SFIA
FAA ALSF 2			SFIA
THOMAS FOGARTY WINERY	19501	SKYLINE	WOODSIDE

Facilities Scheduled for Inspection in FY14-15

FACILITY NAME	SITE ADDRESS	Inspection Due Date	Inspection Frequency	Near
CUESTA LA HONDA GUILD	120 SCENIC DR		3090	LA HONDA
PESCADERO FIRE STATION	1200 PESCADERO RD		3090	MOSS BEACH
SARABIAS AUTO REPAIR & TOWING	216 STAGE RD B		3090	MOSS BEACH
QUIZNOS CLASSIC	2300 BAY RD		3090	PRINCETON
EL TULENSE	2391 SPRING ST		3090	PRINCETON
LAS JUNTAS RESTAURANT	2505 MIDDLEFIELD RD		3090	PRINCETON
VEGAS MARKET & GRILL	2585 MIDDLEFIELD RD		3090	PRINCETON
LA CHAPINA RESTAURANT	2601 MIDDLEFIELD RD		3090	PRINCETON
OK RADIATOR & AIR CONDITIONING	2670 MIDDLEFIELD RD		3090	PRINCETON
CREEKSIDE SMOKEHOUSE	280 AVENUE ALHAMBRA		3090	EL GRANADA
OCEANO HOTEL & SPA	280 CAPISTRANO		3090	EL GRANADA
7 MARES SEAFOOD RESTAURANT	2809 MIDDLEFIELD RD		3090	PRINCETON
JOSHUA CHARLES CATERING	2832 MIDDLEFIELD RD		3090	PRINCETON
LA CASITA CHILANGA	2928 MIDDLEFIELD RD A		3090	PRINCETON
GUANACO RESTAURANT	2950 MIDDLEFIELD RD		3090	PRINCETON
ENCORE PERFORMANCE	2992 SPRING ST		3090	PRINCETON
SOUZA TIRE & AUTO	31 WATER LN		3090	MOSS BEACH
COUNTRY CORNER	3207 ALAMEDA DE LAS PULGAS		3090	MENLO PARK
PANADERIA MICHOCAN #2	3266 MIDDLEFIELD RD		3090	MENLO PARK
LAS PARRILLAS RESTAURANT	3282 MIDDLEFIELD RD		3090	MENLO PARK
CHAVEZ SUPERMARKET	3282 MIDDLEFIELD RD		3090	MENLO PARK
EL JAROCHITO TAQUERIA	3360 MIDDLEFIELD RD		3090	MENLO PARK
MICHOCAN PRODUCE MARKET	3380 MIDDLEFIELD RD		3090	MENLO PARK
LA HUASTECA	3387 MIDDLEFIELD RD		3090	MENLO PARK
ATHERTON CLUB SAN LUIS	3391 MIDDLEFIELD RD		3090	MENLO PARK
ST ANTHONYS PADUA DINING ROOM	3500 MIDDLEFIELD RD		3090	MENLO PARK
LUTTICKEN INC	3535 ALAMEDA DE LAS PULGAS		3090	MENLO PARK
PLANTATION DELI CAFE ESPRESSO	3536 ALAMEDA DE LAS PULGAS		3090	MENLO PARK
STARBUCKS COFFEE CO	# 1 3590 ALAMEDA DE LAS PULGAS		3090	MENLO PARK
FLEA STREET CAFE	3607 ALAMEDA DE LAS PULGAS		3090	MENLO PARK
KEY MARKETS	3640 FLORENCE ST		3090	PRINCETON
BAY AREA CATERING & EVENTS	3821 FAIR OAKS RD		3090	MENLO PARK
ARMANDO AUTO	419 MACARTHUR AVE		3090	PRINCETON
EL DORADO TOWING	429 MACARTHUR AVE		3090	PRINCETON
NORTHERN ENERGY	4525 CLOVERDALE RD		3090	MOSS BEACH
OKU INC	4525 CLOVERDALE RD		3090	MOSS BEACH
PORTOLA PUMP STATION	529 OBISPO RD		3090	EL GRANADA
Caltrans-Devil's Slide Tunnel (Maintenance & Operations)	6000 Coast Hwy		3090	MONTARA
HARLOES AUTOMOTIVE	850 AIRPORT ST 3A		3090	MOSS BEACH
GERALD MARCHI FARMING	9400 HWY 1		3090	MOSS BEACH
CABRILLO FARMS AGRICULTURE	981 N CABRILLO HWY		3090	MOSS BEACH
YMCA CAMP LOMA MAR	9900 PESCADERO RD		3090	LOMA MAR
BFI PESCADERO SOLID WASTE DISP-NEW	BEAN HOLLOW & ARTICHOKE RD		3090	MOSS BEACH
SERVISAIR	BUILDING 612		3090	SFIA
FAA HALF MOON BAY RCAG	FRENCHMANS CREEK RD		3090	EL GRANADA
MONTARA PUMP STATION	HWY 1 AT 16TH ST		3090	MONTARA
SFIA TANKS (17)	PLOT 40-AVV GRD TKS SFIA		3090	SFIA
PORTOLA STATE PARK	STAR ROUTE 2		3090	LA HONDA
UNITED AIRLINE CARGO	UNITED A/L CARGO		3090	SFIA

Facilities Scheduled for Inspection in FY14-15

FACILITY NAME	SITE ADDRESS	Inspection Due Date	Inspection Frequency	Near
PRINCETON PUMP STATION	WESTPOINT/STANFORD		3090	PRINCETON
CUSTOM IRON & CASTING WORKS	2886 BAY RD	7/7/2013	3090	PRINCETON
MEINEKE	3041 MIDDLEFIELD RD	7/21/2013	3090	PRINCETON
SMCO THHW	59 ENTRADA WY	7/22/2013	3090	LA HONDA
ECONO TREE SERVICE	1914 SPRING ST	8/4/2013	3090	PRINCETON
EURO AMERICAN MOTOR	3060 MIDDLEFIELD RD	8/25/2013	3090	PRINCETON
LARSON ELECTRONIC GLASS	2840 BAY RD	8/30/2013	3090	PRINCETON
LEES AUTO REPAIR	2303 SPRING ST	9/14/2013	3090	PRINCETON
JOSES AUTO MECHANIC	2727 FAIR OAKS AVE	9/15/2013	3090	PRINCETON
SANTOS AUTO REPAIR	2803 FAIR OAKS AVE	9/15/2013	3090	PRINCETON
GLENWOOD BOYS RANCH	400 LOG CABIN RANCH RD	9/15/2013	3090	LA HONDA
NICHOLS DIAMOND TOOL INC	2625 FAIR OAKS AVE	9/16/2013	3090	PRINCETON
COSTA LOMA LTD	23981 HWY 9	9/23/2013	3090	LA HONDA
CUTTER SCOUT RESERVATION	2500 CHINA GRADE RD	9/23/2013	3090	MOSS BEACH
H & H AUTOMOTIVE	2835 MIDDLEFIELD RD	9/23/2013	3090	PRINCETON
JOES FOREIGN CAR SERVICE	2847 MIDDLEFIELD RD	9/23/2013	3090	PRINCETON
SFIA MAINTENANCE FUELING STATION	MCDONNELL RD	9/29/2013	3090	SFIA
ECLIPSE METAL FABRICATION INC	2901 SPRING ST	10/14/2013	3090	PRINCETON
HERNANDEZ WELDING	2928 MIDDLEFIELD RD	10/14/2013	3090	PRINCETON
CHEMCO SYSTEMS INC	2800 BAY RD	10/26/2013	3090	PRINCETON
YMCA CAMP JONES GULCH	11000 PESCADERO RD	11/8/2013	3090	LA HONDA
GARFIELD CHARTER SCHOOL	3600 MIDDLEFIELD RD	11/9/2013	3090	MENLO PARK
WESTLAND NURSERY #1	3439 CLOVERDALE RD	11/10/2013	3090	MOSS BEACH
HALF MOON BAY AIRPORT	9850 N HWY 1	11/15/2013	3090	MOSS BEACH
COOPERS AUTO REPAIR	2901 MIDDLEFIELD RD	11/29/2013	3090	PRINCETON
RUDYS GREENHOUSES	2975 CLOVERDALE RD	11/30/2013	3090	MOSS BEACH
DEANS ANODIZING INC	2643 FAIR OAKS AVE	12/1/2013	3090	PRINCETON
SAN MATEO COUNTY MEMORIAL PARK	9500 PESCADERO RD	12/12/2013	3090	LOMA MAR
COUNTY SERVICE AREA 7	TOWNE FIRE RD	12/12/2013	3090	LA HONDA
GARCIA'S AUTO BODY	2635 MIDDLEFIELD RD	12/20/2013	3090	PRINCETON
COASTWAYS RANCH INC	640 HWY 1	12/20/2013	3090	MOSS BEACH
MUZZI RANCH	7830 HWY 1	12/20/2013	3090	MOSS BEACH
PENA MEAT & FOOD MARKET	3198 MIDDLEFIELD RD	12/21/2013	3090	PRINCETON
CALIFORNIA AUTO WORKS LLC	2666 MIDDLEFIELD RD	12/22/2013	3090	PRINCETON
POMPONIO RANCH LLC	3300 POMPONIO CREEK RD	12/22/2013	3090	SAN GREGORIO
CASCADE RANCH	3100 HWY 1 AVE	1/4/2014	3090	MOSS BEACH
G R PERFORMANCE	3012 SPRING ST	1/13/2014	3090	PRINCETON
BAY AREA CUSTOM SHIRTS	3130 SPRING ST	1/13/2014	3090	PRINCETON
DOLLAR THRIFTY AUTOMOTIVE GRP INC	782 MCDONNELL F	1/19/2014	3090	SFIA
DONUT DEPOT	3383 MIDDLEFIELD RD	2/15/2014	3090	MENLO PARK
FedEx Express Corp-SFOR	BLDG 900 NORTH ACCESS RD	2/15/2014	3090	SAN FRANCISCO
LADYPARTS AUTOMOTIVE SVCS	3033 MIDDLEFIELD RD	3/1/2014	3090	PRINCETON
VECTOR AUTO CARE	2401 SPRING ST	3/30/2014	3090	PRINCETON
LA TIENDITA MARKET	2875 MIDDLEFIELD RD	4/2/2014	3090	PRINCETON
LOS GALLOS TAQUERIA	3726 FLORENCE ST	4/3/2014	3090	PRINCETON
CANYON COFFEE ROASTERY	3203 OAK KNOLL DR	4/9/2014	3090	PRINCETON
SAN FRANCISCO COMMUNITY COLLEG	BLDG 928	4/11/2014	3090	SFIA
GOLDEN AUTO BODY & PAINT	2710 SPRING ST	4/12/2014	3090	PRINCETON
PG&E: San Francisco Airport Substation	ANGUS AVE & SIXTH AVE	4/12/2014	3090	SAN BRUNO
ALASKA AIRLINES	GATE 22	4/30/2014	3090	SFIA
SIMPSON COMPANY PAINTING	2992 SPRING ST #H	5/11/2014	3090	PRINCETON

Facilities Scheduled for Inspection in FY14-15

FACILITY NAME	SITE ADDRESS	Inspection Due Date	Inspection Frequency	Near
US AIR	TERMINAL A	5/14/2014	3090	SFIA
DELUX TRANSMISSIONS	415 MACARTHUR AVE	5/17/2014	3090	PRINCETON
B & J TOWING	427 MACARTHUR AVE	5/17/2014	3090	PRINCETON
BRENDA LIQUOR	2397 SPRING ST	5/21/2014	3090	PRINCETON
KASSANDRAS STORE	2579 MIDDLEFIELD RD	5/21/2014	3090	PRINCETON
COASTSIDE FIRE DISTRICT, EL GRANADA	501 STETSON	5/31/2014	3090	MOSS BEACH
COASTSIDE FIRE DISTRICT, EL GRANADA	531 OBISPO	5/31/2014	3090	EL GRANADA
EL GRULLENSE #2	2940 MIDDLEFIELD RD A	6/4/2014	3090	PRINCETON
EL PAISANO CARNICERIA Y MERCAD	2856 MIDDLEFIELD RD	6/5/2014	3090	PRINCETON
BRITISH AIRWAYS	INTERNATIONAL TERMINAL	6/5/2014	3090	SFIA
MEL LEONG TREATMENT PLANT	MEL LEONG TREATMENT PLANT	6/11/2014	3090	SFIA
MAZZOCOS SPORTS BAR	2808 MIDDLEFIELD RD	6/14/2014	3090	PRINCETON
BEACH HOUSE	4100 N HWY 1	6/19/2014	3090	EL GRANADA
THREE ZERO CAFE	9850 N HWY 1	6/19/2014	3090	MOSS BEACH
OLD PRINCETON LANDING	460 CAPISTRANO RD	6/27/2014	3090	PRINCETON
D & L PRECISION REBUILDING, INC	2821 FAIR OAKS AVE	7/24/2014	3090	PRINCETON
REDWOOD CITY TRANSMISSION	412 MACARTHUR AVE	8/1/2014	3090	PRINCETON
CENTERLINE MEDICAL LLC	2684 MIDDLEFIELD RD H	8/7/2014	3090	PRINCETON
BENZ COLLISION CENTER	2740 BAY RD	8/7/2014	3090	PRINCETON
LOG CABIN RANCH	500 LOG CABIN RD	8/7/2014	3090	LA HONDA
ESR	2732 BAY RD B	8/8/2014	3090	PRINCETON
LOMITA/MILLBRAE PUMP STATION	AVIADOR	8/17/2014	3090	SFIA
CENTRAL PUMP STATION	CENTRAL PUMP STATION	8/17/2014	3090	SFIA
SFO SHUTTLE BUS CO	SFIA	8/17/2014	3090	SFIA
BRITISH EUROPEAN MOTORS	2001 SPRING ST BRIT	8/22/2014	3090	PRINCETON
Hertz Rent-A-Car (1241-15)		8/28/2014	3090	SAN FRANCISCO
PRECISION MICRO COMPONENTS	2900 SPRING ST	9/13/2014	3090	PRINCETON
PG&E: EMERALD LAKE SUBSTATION	ROBERTSON	9/18/2014	3090	PRINCETON
ALL AMERICAN MOTORS	2701 MIDDLEFIELD RD	9/20/2014	3090	PRINCETON
BIOCISION LLC	3517 EDISON WY B	9/26/2014	3090	MENLO PARK
BOARDING AREA A	BOARDING AREA A	9/28/2014	3090	SFIA
PARKING GARAGE	MCDONNELL RD	9/28/2014	3090	SFIA
BOARDING AREA G	MCDONNELL RD	9/28/2014	3090	SFIA
SFIA SOUTH TERMINAL	SOUTH TERMINAL	9/28/2014	3090	SFIA
BOARDING AREA/F, H & I CONNECTOR	TERMINAL 3- 2 TANKS	9/28/2014	3090	SFIA
LINDSEY ENTERPRISES	2487 SPRING ST 4	10/3/2014	3090	PRINCETON
T&J GRAPHIC ARTS	2620 SPRING ST	10/3/2014	3090	PRINCETON
FAA REMOTE TRANSMITTER RECEIVER	FAA RTR	10/3/2014	3090	SFIA
FAA ALSF 2	SFIA-RUNWAY	10/3/2014	3090	SFIA
FAA/PRECISION RUNWAY MONITORING		10/3/2014	3090	SFIA
FAA/VOR		10/3/2014	3090	SFIA
HIGH PERFORMANCE HOUSE	2431 SPRING ST	10/4/2014	3090	PRINCETON
ASIG	BLDG 1070	10/4/2014	3090	SFIA
Verizon Business: RDCECA	2700 Spring St	10/10/2014	3090	PRINCETON
ELIANS AUTO REPAIR	2690 BAY RD	10/19/2014	3090	PRINCETON
SETON MEDICAL CENTER COASTSIDE	600 MARINE BLVD	10/23/2014	3090	MOSS BEACH
UNITED AIRLINES	BLD 575 MCDONNELL SFOPV	10/24/2014	3090	SFIA
UNITED AIRLINES INTL TERMINAL	BLDG 100	10/24/2014	3090	SFIA
UNITED AIRLINES	BLDG 400 DOMESTIC TERMINA	10/24/2014	3090	SFIA
UNITED AIRLINES	BLDG 642 GSE SERVICE	10/24/2014	3090	SFIA
UNITED AIRLINES SUPER BAY HANGAR	SUPER BAY HANGAR	10/24/2014	3090	SFIA

Facilities Scheduled for Inspection in FY14-15

FACILITY NAME	SITE ADDRESS	Inspection Due Date	Inspection Frequency	Near
Pacific Supply	1675 Old Mission Rd	10/31/2014	3090	SAN FRANCISCO
COAST GUARD AIR STATION	SFO BLDG 1020	11/14/2014	3090	SFIA
DEVILS SLIDE TUNNEL PROJECT	6000 HWY 1	11/19/2014	3090	MONTARA
PESCADERO COUNTRY STORE	251 STAGE RD	11/29/2014	3090	MOSS BEACH
MEZZA LUNA	459 PROSPECT WY	12/4/2014	3090	
BEAN HOLLOW RANGE - PESCADERO	1000 BEAN HOLLOW RD	12/10/2014	3090	MOSS BEACH
BIANCHI FLOWERS INC.	243 BUTANO CUT OFF	12/12/2014	3090	MOSS BEACH
ANO NUEVO FLOWER GROWERS	1701 HWY 1	12/14/2014	3090	MOSS BEACH
EASY FOOD & LIQUOR #54	61 AVENUE ALHAMBRA BLVD	12/20/2014	3090	EL GRANADA
POLHEMUS CLEANERS & LAUNDRY	774 POLHEMUS RD	1/8/2015	3090	SAN MATEO
HILL CLEANERS	746 POLHEMUS RD	1/9/2015	3090	SAN MATEO
AMERICAN PRODUCTION CO	2734 SPRING ST	1/17/2015	3090	PRINCETON
EL GRANADA MARKET	401 AVENUE ALHAMBRA BLVD	1/17/2015	3090	EL GRANADA
CAFE GIBRALTAR	425 AVENUE ALHAMBRA	1/22/2015	3090	EL GRANADA
SAN GREGORIO GENERAL STORE	7615 STAGE RD	1/25/2015	3090	SAN GREGORIO
LA HONDA COUNTRY MARKET	8875 HWY 84 RD	1/25/2015	3090	LA HONDA
EL GRANADA HARDWARE & CAFE	85 PORTOLA AVE	1/30/2015	3090	EL GRANADA
Pillar Point Air Force Station		1/31/2015	3090	PRINCETON
MOSS BEACH DISTILLERY RESTAURANT	120 BEACH WY	2/5/2015	3091	MOSS BEACH
Recology San Francisco	501 TUNNEL AVE	2/5/2015	3090	SAN FRANCISCO
COASTSIDE MARKET INC	501 VIRGINIA AVE	2/5/2015	3091	MOSS BEACH
POLHEMUS FLUORIDE STATION	525 POLHEMUS RD	2/6/2015	3095	SAN MATEO
SFPUC CRYSTAL SPRINGS BYPASS TUNNEL N SHAFT	POLHEMUS RD	2/6/2015	3095	SAN MATEO
LOS AMIGOS	1999 PESCADERO CREEK RD	2/13/2015	3090	MOSS BEACH
CRYSTAL SPRINGS WINES & SPIRITS	740 POLHEMUS RD	2/19/2015	3090	SAN MATEO
CRYSTAL SPRINGS PRODUCE	770 POLHEMUS RD	2/20/2015	3090	SAN MATEO
BOMBARDIER	679 N MCDONNELL RD	3/4/2015	3090	SFIA
CAFE CLASSIQUE	107 SEVILLA	3/5/2015	3090	EL GRANADA
COSTANOA CAMPGROUND	2001 ROSSI RD	3/8/2015	3090	MOSS BEACH
HIGHWAY 1 BREWING COMPANY	5720 CABRILLO HWY	3/8/2015	3090	MOSS BEACH
EMERALD THERAPEUTICS	3475 EDISON WY M	3/13/2015	3090	MENLO PARK
PIZZA HUT #283326	3415 MIDDLEFIELD RD	3/15/2015	3090	MENLO PARK
CHEVRON STATION	3600 ALAMEDA DE LAS PULGAS	3/18/2015	3090	MENLO PARK
DUARTES TAVERN	202 STAGE RD	3/19/2015	3090	MOSS BEACH
MEXCAL	3215 MIDDLEFIELD RD	3/29/2015	3090	MENLO PARK
IMAGE AUTO WORKS	2259 SPRING ST	4/2/2015	3090	PRINCETON
Southwest Airlines Co. - SFO Ramp	Terminal One Concourse B San Francisco Intl Airpor	4/2/2015	3090	SAN FRANCISCO
APPLE JACKS	8790 LA HONDA RD	4/9/2015	3090	LA HONDA
R CEVASCO NURSERY INC	10510 CABRILLO HWY	4/15/2015	3090	MOSS BEACH
GUARDANT HEALTH INC	2686 MIDDLEFIELD RD STE D	4/23/2015	3090	PRINCETON
YOUTH SERVICES CENTER CENTRAL PLANT	70 LOOP RD	5/2/2015	3090	SAN MATEO
PENINSULA TRUCK REPAIR, INC	3018 SPRING ST	5/16/2015	3090	PRINCETON
Lakeview Reservoir	815 Lakeview Way	5/28/2015	3090	PRINCETON
ARCANGELI MARKET	287 STAGE RD	6/4/2015	3090	MOSS BEACH
UNIVERSAL AUTO SERVICES	2647 MIDDLEFIELD RD	6/12/2015	3090	PRINCETON
HOLT TOOL & MACHINE INC	2909 MIDDLEFIELD RD	6/12/2015	3090	PRINCETON
MOSS BEACH CHEVRON	9400 HWY 1	6/12/2015	3090	MOSS BEACH
CANO AUTO REPAIR	2905 FLOOD AVE	6/14/2015	3090	PRINCETON
LEONARDO AUTO MECHANIC	2905 FLOOD AVE	6/14/2015	3090	PRINCETON
A & M AUTO DISPOSAL	2905 FLOOD AVE C	6/14/2015	3090	PRINCETON

Facilities Scheduled for Inspection in FY14-15

FACILITY NAME	SITE ADDRESS	Inspection Due Date	Inspection Frequency	Near
SHINE AUTO BODY	2945 MIDDLEFIELD RD	6/14/2015	3090	PRINCETON
GAZOS CREEK ALLIANCE	5720 HWY 1	6/18/2015	3090	MOSS BEACH
Delta Air Lines, Inc. - SFO Cargo	Cargo/GSE SFO International Airport	6/25/2015	3090	SAN FRANCISCO
SWISSPORT	CENTRAL TERMINAL	6/25/2015	3090	SFIA
Delta Air Lines, Inc.-SFO Terminal	Boarding Area "C" Ramp Level SFO	6/26/2015	3090	SAN FRANCISCO

Inspection Frequency: 3091 = annual; 3090 = every two years; 3095 = every 5 years (shared property with other regulated facilities)

C.4.b.iii(4)
Notice of Intent (NOI) Nonfiler Referral List
San Mateo County

FACILITY NAME	STREET NAME	CITY
AMERESCO	12310 HWY 92	HALF MOON BAY
PENINSULA EQUINE	100 ANSEL	MENLO PARK
PORTOLA VALLEY TRAINING CENTER	100 ANSEL	MENLO PARK
MOUNTAIN VIEW PHARMACEUTICALS	3475 EDISON	MENLO PARK
LANDEC CORPORATION	3603 HAVEN AVENUE	MENLO PARK
TOWER ROAD MOTOR POOL	29 TOWER ROAD	SAN MATEO
FAA CONTROL TOWER	CONTROL TOWER	SFIA
FOX RENT A CAR	782 MCDONNELL	SFIA
USPS SAN FRANCISCO ISC	600 W FIELD ROAD	SFIA

2013-14 Voluntary Activity Related to Trash Removal in San Mateo County Parks

Park Clean Up Activities	Date	Park	Vol	Hours	Measurement (LB)
Jewish Youth Group	13-Jul	Coyote Point	42	83	30
Footsteps After School	22-Jul	Coyote Point	17	34	28
Starbucks Park Clean Up	30-Aug	Flood	10	30	10
California Coastal clean Up	21-Sep	Coyote Point	120	240	125
Bowdoin Alumni	28-Sep	Huddart	15	30	27
Nativity School Litter Pick-up/rake chips	4-Oct	Flood	15	30	20
Marketo (green and trash clean-up)	21-Oct	Junipero Serra	6	24	8
Boy Scout Pack 3 (General Clean Up)	27-Oct	Coyote Point	7	21	8
Owler Corp. (sweep, litter)	8-Nov	Coyote Point	7	21	7
Girl Scout Clean Up Magic Mt. Litter Removal	17-Nov	Coyote Point	5	15	6
Nativity School Litter Pick-up/rake chips	22-Nov	Flood	5	20	5
Oracle (Captain's House Clean-Up)	6-Dec		10	20	12
Day of Service	20-Jan	Flood	50	100	45
German American School Clean Up	28-Feb	Flood	12	24	8
Flood - German American School	7-Mar	Flood	12	24	7
Earth Day Beach Clean up	19-Apr	Coyote Point	240	600	350
Common Cause	23-Apr	Coyote Point	10	20	8
Girls Scouts	17-May	Huddart	12	24	6
Sacred Heart Schools	21-May	HUDDART	25	50	9
Total			620	1410	719

Unincorporated and Countywide Programs for 2013, County Household Hazardous Waste Program Data and the SBWMA At Your Door Program Data

Waste Management and Environmental Services' - RecycleWorks mission is to maintain and implement environmental programs and policies by working with and educating residents, businesses and institutions throughout San Mateo County to achieve environmental stewardship and resource conservation in compliance with local, State and Federal legislation.

Listed below are the programs that have been conducted by RecycleWorks, the County Household Hazardous Waste and Stormwater Program, the SBWMA At Your Door HHW collections, Energy Watch and the County Managers Office. This information can be used for your annual report to Cal Recycle for your AB939 reporting and any other reporting requirements to other agencies.

The Programs/Projects are listed according to the CAL/Recycle Diversion Program System Program Codes and Categories, <http://www.calrecycle.ca.gov/LGCentral/PARIS/Codes/Recycle.htm>

Source Reduction	
<i>Key Accomplishments for this section:</i>	
<ul style="list-style-type: none"> * Master Composters conducted 19 composting workshops on backyard composting throughout the County of San Mateo, reaching over 110 residents. * Master Composters tabled at nine (9) Farmers' Markets reaching 540 residents. * Green Business program provided certification on source reduction and other environmental information to 35 businesses in San Mateo County. * Conducted 10 walk-through waste assessments at schools in Redwood City, Menlo Park, Belmont, San Bruno, Burlingame, San Mateo, and Unincorporated San Mateo County. 	
Program Code	Program Type/Description
1000-SR-XGC	<p>Xeriscaping, Grasscycling (Residential, Commercial)</p> <ul style="list-style-type: none"> * Distributed "Grasscycling" and "What is a Sustainable Garden?" guides at all garden related events. * Where feasible the County Parks Department continues to practice grasscycling in the County parks.
1010-SR-BCM	<p>Backyard & On-Site Composting/Mulching (Businesses, Schools, and Residents)</p> <ul style="list-style-type: none"> * Master Composters conducted 19 composting workshops on backyard composting throughout the County of San Mateo, reaching over 110 residents. * Master Composters tabled at nine (9) Farmers' Markets reaching 540 residents. * Master Composters tabled or prepared five (5) special exhibits at events, (i.e., County Fair, Home and Garden Show, Maker Faire, Earth Day Events and business events) reaching over 3,419 people. <p>Refer to section School Composting, 3050-CM-SCH, and section Public Education, Outreach, 5020 ED-OUT for additional information.</p>

Program Code	Program Type/Description
1020-SR-BWR	<p>Business Source Reduction (Business, Commercial/Industrial Source Reduction, Waste Prevention, and Salvage)</p> <ul style="list-style-type: none"> * Green Business program provided certification on source reduction and other environmental information to 35 businesses in San Mateo County. * The County continues to participate in the BayROC “Bring your Own Bag” Campaign to encourage using reusable bags and decrease the use of plastic bag waste at stores within the County. * See Section Public Education, Outreach, 5020 ED-Out for additional technical assistance.
1030-SR-PMT	<p>Procurement (Joint Purchase Pools, Procurement of Recycled Content Products) Existing programs and year adopted:</p> <ul style="list-style-type: none"> * 2000: County adopted an environmental purchasing policy. * 2001: New County facilities to be certified under the Leadership in Environmental and Environmental Design (LEED) program, which requires buildings to meet specific construction, energy use, water use and landscaping standards. * 2006: County demolition projects over \$5,000 must be deconstructed and materials recycled wherever possible.
1040-SR-SCH	<p>School Source Reduction (School and District Waste Prevention)</p> <ul style="list-style-type: none"> * Provided assistance and conducted 10 walk-through waste assessments at schools in Belmont, Redwood City, San Mateo, Menlo Park, San Bruno, Burlingame, and Unincorporated San Mateo County. * Developed six (6) school-wide waste assessment reports for North Star Academy and McKinley (share same campus) in Redwood City; Nativity School in Menlo Park, San Mateo County Office of Education Early Special Education Site in Unincorporated San Mateo County; San Mateo County Office of Education Special Education Site in San Bruno; San Mateo County Office of Education Regional Occupational Program Site in Burlingame; and Burlingame Intermediate School in Burlingame. * Refer to Public Education, Schools, 5030-ED-SCH, and to Public Education, Outreach, 5020-ED-OUT for additional information.

Program Code	Program Type/Description
1050-SR-GOV	<p>Government Source Reduction (Government Waste Reduction In-House)</p> <ul style="list-style-type: none"> * The County Surplus Property Program offered reuse of office furniture and office equipment to County departments and non-profits. Twice a month the program hosted a surplus property sale. * Collected holiday and other greeting cards, binders, foam core and CDs from County employees for reuse by RAFT (Resource Area For Teachers). * Collected and promoted the reuse of pallets. * Recycled 69.97 tons of scrap metal, four (4) tons of toner, 11.84 tons of e-waste and sold 50 cars at auction amounting to 101.7 tons. * Specified the use of more recycled materials when engaging in County construction projects.
1060-SR-MTE	<p>Material Exchange, Thrift Shops (Garage Sales, Flea Markets, CalMAX (California Materials Exchange), Food Exchanges)</p> <ul style="list-style-type: none"> * RecycleWorks provided listings of City-sponsored Garage Sales and Flea Markets on their website. * Promoted RAFT via RecycleWorks website and the hotline. * RAFT noted they diverted 77,732 cubic feet of materials from Santa Clara County and San Mateo County residents and businesses.
1070-SR-OTH	<p>Other Source Reduction</p> <ul style="list-style-type: none"> * Distributed The ReUse Guide, where to donate unwanted items at events, libraries, and County facilities. * The RecycleWorks website contained a section devoted to reuse, and hotline callers received information for source reduction opportunities within the County.

Recycling

Key Accomplishments for this section:

- * Distributed 175 indoor recycling bins and 32 outdoor recycling bins /carts to nine (9) different public and private schools in Belmont, Burlingame, Menlo Park, San Bruno, San Mateo, Redwood City, and Unincorporated San Mateo County.

Program Code	Program Type/Description
2000-RC-CRB 2010-RC-DRP 2020-RC-BYB	<p>Residential Recycling (Residential Curbside, Drop Off, Buy Back)</p> <ul style="list-style-type: none"> * The franchised haulers in the County continued to offer source separated recycling to single family and multifamily residents in our service areas. * The County continued to provide a rural residential drop off Recycling Center at La Honda Elementary School for bottles and cans, mixed paper and cardboard. The Pescadero Transfer Station and Ox Mountain Landfill provided free commingled recycling drop-off for cardboard, mixed paper, and bottles and cans. * Drop off boxes from haulers were available Countywide for recycling. * CRV buyback centers: three (3) are located near one of the Unincorporated areas of the County (North Fair Oaks), one (1) is located near one of the other Unincorporated areas (Colma), and a central County location (Shoreway Environmental Center) serves one (1) of the other Unincorporated areas (County Franchised Area). * Buy-back centers were available throughout San Mateo County for all residents and these locations were promoted through the RecycleWorks website, Residential Recycling Guide and hotline.
2030-RC-OSP and 2040-RC-SFH	<p>Commercial Recycling (On-Site Pick-Up, Self Haul)</p> <ul style="list-style-type: none"> * The franchised haulers (Allied Waste Services of San Mateo County, Allied Waste Services of Daly City, Recology of the Coast, Recology San Mateo County, Recology San Bruno, South San Francisco Scavenger, and Green Waste Recovery) provided weekly curbside commercial recycling programs in the franchised and non-franchised areas of the County to the commercial sector including schools, government facilities, and multifamily housing complexes. Allied Waste Services of San Mateo County provided some commercial recycling services to the non-franchised businesses in the South Coastal portion of the County. Allied Waste Services of San Mateo County and GreenWaste recovery provided commercial recycling services to parts of the non-franchised Skyline Boulevard Area. Stanford Linear Accelerator received commercial recycling services from Peninsula Sanitary Service, Inc.. Many private recyclers and debris box companies offered specific material stream recycling such as mixed plastics, mixed paper, pallets/wood, concrete, and dirt recycling. * The County's corporation yards self-hauled green waste, inerts, white goods, and tires. The County of San Mateo Parks Department self-hauled cardboard, bottles and cans, and green waste from the South Coastal area. Various school district sites self-hauled metal and e-waste to various recycling facilities. Ox Mountain Landfill and all of the transfer stations in San Mateo County accepted multiple materials for recycling. * Information for the Transfer Stations and the landfill facilities is available to the public through the County's RecycleWorks website and guides.

Program Code	Program Type/Description
2050-RC-SCH and 2060-RC-GOV	<p>School/Government Recycling (Recycling Programs, Bins, Signage, Promotion)</p> <p>Schools</p> <ul style="list-style-type: none"> * Distributed 175 indoor recycling bins and 32 outdoor recycling bins /carts to nine (9) different public and private schools in Belmont, Burlingame, Menlo Park, San Bruno, San Mateo, Redwood City, and Unincorporated San Mateo County. * Refer to School Source Reduction, 1040-SR-SCH, for additional information. <p>Government Facilities</p> <ul style="list-style-type: none"> * Participated in San Mateo County Green Team meetings and workgroups to improve the Green program at all County Facilities located throughout San Mateo County. * Increased recycling at the Human Services Agency Office, 555 County Center, Maple Street Complex, Cordilleras Center, Sheriff's Training Center at Coyote Point, 400 County Center, 455 County Center, Youth Services Center (both 222 Paul Scannell and 30 Loop Road locations). * Added/increased curbside organics collection at the 400 County Center, 555 County Center, Human Services Agency, Maple Street Complex, Cordilleras Center, Sheriff's Training Center at Coyote Point, 455 County Center, Youth Services Center (both 222 Paul Scannell and 30 Loop Road locations). * Refer to Special Waste Materials, 4090-SP-RND, for additional information.
2070- RC-SNL	<p>Special Collection Seasonal (Christmas Trees, Bulky Item Collection) and Special Collection</p> <ul style="list-style-type: none"> * Listed Christmas Tree recycling information on our website. * The franchised haulers collected Christmas trees curbside through January. * Offered hotline callers information on recycling Christmas light strands when exchanging them for LED ones. * Listed Christmas light strand recycling information on our website. * Provided information pertaining to hauler bulky clean-up collections via the hotline and website and through bill inserts in the SBWMA service areas. * Held a Paper Shredding Event in the County Franchised Area for recycling confidential documents in the Highlands.
2080- RC-SPE	<p>Special Collection Events (Recycling at Special Events and Community celebrations)</p> <ul style="list-style-type: none"> * The County offered technical assistance to venues/events in the unincorporated areas. The franchised haulers provided paper, beverage containers, and food waste recycling at the following events: North Fair Oaks Community Festival, Kiwanis 4th of July Carnival at County Government Center, Hillsborough Concourse Elegance, Highlands- 4th of July Festival, and Pacific Coast Dream Machines (Half Moon Bay Airport). * The largest venue in Unincorporated San Mateo County is the San Francisco International Airport; they continue to recycle bottles, cans, paper, food waste and construction and demolition waste.

Composting

RecycleWorks offered composting information and workshops on a Countywide basis, supported by the Master Composting Program volunteers.

Key Accomplishments for this section:

- * 19 composting workshops were conducted throughout the County, reaching over 110 residents.
- * Master Composters tabled five (5) events and exhibits reaching approximately 3,419 residents.
- * Master Composters tabled at nine (9) Farmers' Markets reaching 540 residents.
- * Gave 26 composting classroom workshops, which reached out to 648 students.

Program Code	Program Type/Description
3000-CM-RCG, 3010-CM-RSG, 3020-CM-COG, 3030-CM-CSG	<p>Green Waste (Residential Curbside, Self-Haul, Commercial On-site, Commercial Self-haul)</p> <ul style="list-style-type: none"> * Green waste collection curbside was available to all franchised areas of the County. Residential and Commercial Self-haul was available at the Transfer Stations and the Landfill. * Commercial on site green waste pick-up was available in some areas for a fee. * SBWMA County service areas the commercial customers are offered a 25% discount from the municipal solids waste rate to recycle greenwaste. Various debris box companies in the County will provide debris boxes to commercial customers for yardwaste/woodwaste recycling. * Commercial Self haul greenwaste is available
1010-SR-BCM	<p>Food Waste Composting (Food Waste-Composting, Vermi-Composting, Pick-up, Self-haul)</p> <ul style="list-style-type: none"> * Food waste composting was available to all accounts in the Unincorporated Areas of the SBWMA/Recology San Mateo County; Recology San Bruno started a pilot project offering it to the San Bruno Jail. South San Francisco Scavenger Company collected it from the San Francisco International Airport. * See Section Public Education, Outreach, 5020 ED-Out for additional technical assistance and section 370-CM-OTH for additional vermicomposting outreach.

3050-CM-SCH	<p>School Composting (On-Site School Composting Program)</p> <ul style="list-style-type: none"> * Implemented organics collection (commercial composting) service in the cafeteria on two (2) school campuses at North Star Academy and McKinley School (that share the same campus) in Redwood City and St. Timothy School in San Mateo. * Commercial composting (organics collection) was available to public schools through contracts with Recology Peninsula Services. Commercial composting continued to be available curbside at private schools within the SBWMA/Recology San Mateo County franchised area. * Implemented two (2) backyard composting bins at two (2) schools in Unincorporated San Mateo County (El Granada Elementary School) and in South San Francisco (Buri Buri Elementary School). * Gave 26 composting classroom workshops, which reached out to 648 students, at 12 different schools in Foster City, Redwood City, Unincorporated San Mateo County, Menlo Park, San Mateo, South San Francisco, Belmont, and Pacifica. 																					
Program Code	Program Type/Description																					
3060 CM-GOV	<p>Government Composting</p> <ul style="list-style-type: none"> * Food waste composting (organics collection) was available in the SBWMA/Recology San Mateo County collection areas. * Distributed internal organics bins provided by the hauler, Recology San Mateo County, to 555 County Center, Human Services Agency, Maple Street Complex, Cordilleras Center, Sheriff's Training Center at Coyote Point, 400 County Center, 455 County Center, Youth Services Center (both 222 Paul Scannell and 30 Loop Road). 																					
3070-CM-OTH	<p>Other Composting Bins were sold by a third party at a reduced rate exclusively for San Mateo County (no County subsidy).</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Area of Bins Sold</th> <th style="text-align: center;">Backyard Compost</th> <th style="text-align: center;">Worm</th> </tr> </thead> <tbody> <tr> <td>Daly City</td> <td style="text-align: center;">2</td> <td></td> </tr> <tr> <td>Menlo Park</td> <td></td> <td style="text-align: center;">1</td> </tr> <tr> <td>Millbrae</td> <td style="text-align: center;">1</td> <td></td> </tr> <tr> <td>Redwood City</td> <td style="text-align: center;">1</td> <td></td> </tr> <tr> <td>San Mateo</td> <td style="text-align: center;">2</td> <td></td> </tr> <tr> <td>Total</td> <td style="text-align: center; border-top: 1px solid black;">6</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>	Area of Bins Sold	Backyard Compost	Worm	Daly City	2		Menlo Park		1	Millbrae	1		Redwood City	1		San Mateo	2		Total	6	1
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Special Waste Materials

Ash, Sludge, Tires, White Goods, Scrap Metal, Wood Waste, Concrete, Asphalt, Rubble, Disaster Debris, Shingle, Rendering, Other Special Waste)

Program Code	Program Type/Description
4000-SP-ASH 4010-SP-SLG 4020-SP-TRS 4030-SP-WHG 4040-SP-SCM 4050-SP-WDW 4060-SP-CAR	<p>Special Waste (Ash, Sludge, Tires, White Goods, Scrap Metal, Wood Waste, Concrete, Asphalt, Rubble, Disaster Debris, Shingle, Rendering, Other Special Waste)</p> <p>Ash</p> <ul style="list-style-type: none"> * A number of local companies used Fly Ash in their concrete mixes to customers. <p>Tires (Reuse, Rubberized Asphalt, Collection program)</p> <ul style="list-style-type: none"> * County Capital Projects have integrated rubberized playground mats into renovations or new children's play areas * Tires were recycled at the curbside, Landfill and Transfer Stations. <p>White Goods (Repair, Reuse, Recycling Collection events, Salvage)</p> <ul style="list-style-type: none"> * The website and hotline continued to promote locations throughout the County that can reuse, repair, or recycle white goods. All franchised haulers collect these white goods from residents at the curb. <p>Scrap Metal (Salvage, Abandoned)</p> <ul style="list-style-type: none"> * The County contracted with Sims Metals to recover scrap metal from County facilities and roads by providing the County a scrap metal recycling debris box. * Third party recyclers also provided metal recycling pickup, and scrap metal drop-off. Scrap Metal drop-off, for a fee, was available at the Landfill and Transfer Stations. * The DPW Road Maintenance Division recycled abandoned and stripped vehicles. * RecycleWorks' guides, website and hotline referred customers to the scrap metal recyclers located in San Mateo County. <p>Wood Waste (Chipping, Mulching, Composting)</p> <ul style="list-style-type: none"> * Wood waste was chipped at various facilities throughout the County of San Mateo. * The County Parks Division used a portable wood chipper on County Park sites. * The franchised hauler provided wood recycling debris boxes for County facilities, and road construction projects. In designated areas residents placed unpainted and non-pressure-treated wood into their curbside yard waste carts or paid to drop off the materials at the Landfill or Transfer Stations. * Various debris box companies provided wood recycling boxes for a fee. <p>Concrete/Asphalt/Rubble (Reuse, Fill, Sub-base, Recycling)</p> <ul style="list-style-type: none"> * RecycleWorks administered the County of San Mateo Construction and Demolition Waste Management Plans for Unincorporated Areas. This plan requires contractors to recycle all inerts. * There were several locations within the County in which customers could buy recycled inerts for their landscaping hardscape projects. * The County Roads Division and Capital Projects use recycled inert materials in all projects requiring sub-base.

Program Code	Program Type/Description
4070 SP-DSD 4090-SP-RND 4100-SP-OTH	<p data-bbox="402 279 1380 373">Special Waste (continued) (Ash, Sludge, Tires, White Goods, Scrap Metal, Wood Waste, Concrete, Asphalt, Rubble, Disaster Debris, Shingle, Rendering, Other Special Waste)</p> <p data-bbox="402 405 1380 499">Disaster Debris * Collaborated with the County Office of Emergency Services to prepare a Regional Disaster Debris Management Plan, May 2011.</p> <p data-bbox="402 531 1380 709">Other Special Waste Rendering/Other Special Waste * Residential drop-off vegetable oil recycling was offered by Blueline Transfer Station for a fee, Shoreway Environmental Center, Recology of the Coast and the Daly City Waste Water Treatment Center. Three (3) local businesses provided curbside pick-up of fats, oils, and grease that serve commercial customers.</p> <p data-bbox="402 741 1380 835">Dead Animal Program * Dead animals hit by cars, found dead or that need to be euthanized were rendered by San Jose Tallow in conjunction with the Peninsula Humane Society & SPCA.</p>

Public Education

RecycleWorks is a Countywide public education and outreach program. The RecycleWorks programs, hotline and website provided comprehensive information on a variety of waste and recycling issues including residential, commercial and school recycling programs, reuse ideas, green building information, composting information, energy efficiency, water conservation, pollution prevention, and news and events related to these environmental issues. The hotline and website were used by local jurisdictions to provide support and information to residents and businesses within their city.

Key Accomplishments for this section:

- * Certified 21, and recertified 14 businesses in the County as Green Businesses.
- * The RecycleWorks website had 716,473 website visitors.
- * Answered 814 phone calls on the toll free RecycleWorks hotline.
- * Master Composter volunteers and staff spoke to approximately 6,413 persons at events, fairs and during tours in the County.
- * Reached out to 4,556 students and educators in the County by giving: 42 classroom and school assembly presentations on the 4Rs, six (6) Green Star Schools (GSS) classroom certification program presentations, 26 classroom presentations on composting, 12 classroom field trips, one (1) litter collection lesson teacher –training workshop, one (1) 4R’s teacher-training workshop, and staffed two (2) outreach tables at County-wide school events.
- * Certified 16 classrooms under the Green Star School (GSS) Program energy, water, and waste pathways at North Shoreview Montessori School in San Mateo.
- * Partnered with San Mateo Office of Education Safe Routes to Schools Program and local haulers to reduce litter on the “Be Seen Keepin’ It Clean “School Earth Day Events campaign: 41 Schools participated, which collected about 340 bags of garbage and 400 bags of recyclables.

Program Codes	Program Type/Description
5000-ED-ELC	<p>Electronic (Radio, TV, Website, Hotlines, Videos, Public Services Announcements, any other Social Marketing)</p> <ul style="list-style-type: none"> * The RecycleWorks website had 716,473 visitors. * Some of the items listed on the RecycleWorks site included: <ul style="list-style-type: none"> • A list of Earth Day activities throughout the County during March and April. • A database search feature on where to reuse and recycle various materials and where to “buy green.” • Information on where residents can recycle household hazardous waste items such as paint, CFLs, and batteries (link to the County Environmental Health Department’s Flows to Bay page). • Suggestions on methods to reduce holiday waste; provided ideas for gifts that assist the community and/or promote environmental education and are waste-free.

Program Codes	Program Type/Description																																														
5000-ED-ELC	<p data-bbox="410 275 716 306">Electronic (continued)</p> <ul data-bbox="435 346 1341 405" style="list-style-type: none"> * Toll free hotline received 814 phone calls from the 21 jurisdictions of the County and outside of our area: <table border="1" data-bbox="574 434 1016 1094"> <tbody> <tr><td>Atherton</td><td>15</td></tr> <tr><td>Belmont</td><td>19</td></tr> <tr><td>Brisbane</td><td>5</td></tr> <tr><td>Burlingame</td><td>33</td></tr> <tr><td>Colma</td><td>3</td></tr> <tr><td>Daly City</td><td>86</td></tr> <tr><td>East Palo Alto</td><td>10</td></tr> <tr><td>Foster City</td><td>19</td></tr> <tr><td>Half Moon Bay</td><td>21</td></tr> <tr><td>Hillsborough</td><td>5</td></tr> <tr><td>Menlo Park</td><td>43</td></tr> <tr><td>Millbrae</td><td>25</td></tr> <tr><td>Pacifica</td><td>20</td></tr> <tr><td>Portola Valley</td><td>10</td></tr> <tr><td>Redwood City</td><td>89</td></tr> <tr><td>San Bruno</td><td>22</td></tr> <tr><td>San Carlos</td><td>35</td></tr> <tr><td>San Mateo</td><td>98</td></tr> <tr><td>South San Francisco</td><td>30</td></tr> <tr><td>Unincorporated SMC</td><td>94</td></tr> <tr><td>Woodside</td><td>7</td></tr> <tr><td>Unknown</td><td>82</td></tr> <tr><td>Out of County</td><td>43</td></tr> </tbody> </table> <ul data-bbox="435 1129 1373 1310" style="list-style-type: none"> * There were 7,411 inquiries from the RecycleWorks database on where to recycle or reuse materials. * Countywide email outreach messages were sent on our email list serve (Savicom) to over 1,924 subscribers to our various e-lists. * Received and responded to over 330 email inquiries for information on composting, green building, green business, facilities, and schools through RecycleWorks.org. 	Atherton	15	Belmont	19	Brisbane	5	Burlingame	33	Colma	3	Daly City	86	East Palo Alto	10	Foster City	19	Half Moon Bay	21	Hillsborough	5	Menlo Park	43	Millbrae	25	Pacifica	20	Portola Valley	10	Redwood City	89	San Bruno	22	San Carlos	35	San Mateo	98	South San Francisco	30	Unincorporated SMC	94	Woodside	7	Unknown	82	Out of County	43
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5010-ED-PRN	<p data-bbox="410 1346 1230 1409">Print (Advertisements, Newspaper, Articles, Guides, Brochures, Flyers, and other)</p> <p data-bbox="410 1451 1101 1482">Advertisements/Newspaper, Articles, and Flyers Distribution</p> <ul data-bbox="427 1482 1382 1692" style="list-style-type: none"> * A Movie Ad was created and released on Earth Day to reduce littering in the County. The ad was shown from 4/12/13 - 5/9/13 in four theatres throughout the County. The ad had 296,348 impressions. * A Newspaper Ad was placed into the Daily Journal to support the Earth Day message “Be Seen Keepin it Clean” to reduce litter and recycle. * RecycleWorks flyers, handouts and factsheets were distributed at libraries, city halls, events, through haulers or as a technical assistance piece. <p data-bbox="410 1724 911 1755">Guides (Produced, reprinted or distributed)</p> <ul data-bbox="427 1755 1360 1898" style="list-style-type: none"> * Recycling Guide for residents. * ReUse Guide for San Mateo County. * Commercial Recycling Guide for businesses. * Construction and Demolition guides to the County (pocket guide & office reference guide). 																																														

Program Codes	Program Type/Description
5010-ED-PRN	<p>Print (continued)</p> <p>Brochures (Produced, reprinted or distributed)</p> <ul style="list-style-type: none"> * Composting and Sustainable Gardening. * Nursery Pot Reuse. * Resource Conservation News School Newsletter. * Green It Yourself - residential green building guide. * Natural Connections Brochure (English and Spanish versions) - guide for parents to environmental education activities and opportunities in San Mateo County. * Distributed 40 copies of the “San Mateo County Habitat Game” to teachers throughout San Mateo County to teach about the San Mateo County habitats. * Information was regularly distributed to planning and building departments, the jury waiting room, Countywide recycling staff, and haulers. <p>Other Pieces (Produced, reprinted or distributed)</p> <ul style="list-style-type: none"> * Climate Change and Landfills bookmarks. * Various posters: cardboard recycling, copy machine paper usage reduction, posters for businesses, construction and demolition recycling poster, how to prepare a “Waste Free Lunch” (for children), Spanish recycling poster (for SBWMA jurisdictions), San Mateo County Habitat poster. * Distributed “What Does Your Bag Say About You” posters. * Green Business Program information card. * Published the annual school newsletter, “Resource Conservation News,” distributed to 7,000 FTE (Full Time Equivalent) teachers and school administrators in San Mateo County. * Refer to Outreach, 5020-ED-OUT, Institutional /Schools for additional information.
5020-ED-OUT	<p>Outreach (Presentations, Workshops, Awards, Fairs, Events, Field trips, Technical assistance)</p> <p>Awards/Public Awareness (Other)</p> <ul style="list-style-type: none"> * RecycleWorks reviewed green building, solid waste and energy-related content for Sustainable San Mateo County’s annual indicators report, to be presented in 2014. <p>Fairs</p> <ul style="list-style-type: none"> * Home & Garden Show * Maker Faire * County Fair * Notre Dame de Namur Internship Fair * Employee Benefits Fair * Burlingame Green Street Fair

Program Codes	Program Type/Description
5020-ED-OUT	<p>Outreach (continued)</p> <p>Events</p> <ul style="list-style-type: none"> * Menlo Park Block Party * 2nd Annual Volunteer Expo * Shoreway Environmental Center Earth Day * Belmont Earth Day * Oyster Point Earth Day * Skyline College Earth Day * International Brotherhood of Electrical Workers * Burlingame Hills Community Association Block Party * Silver Springs Network Earth Day * Filoli Garden Show * Master Composters' Awards Ceremony * United Airlines Family Day * Visa Picnic for the Planet Earth Day * Tabled four (4) San Mateo County New Employee Welcome Events * Pacifica Earth Day * Marine Science Institute Earth Day on the Bay * Sustainable San Mateo County Awards * College of San Mateo Earth Day * North Fair Oaks Community Clean-Up <p>Field Trips</p> <ul style="list-style-type: none"> * Conducted 12 class field trips to a Transfer Station and Material Recovery Facility and closed-landfill. Classes were from schools in San Mateo, Unincorporated San Mateo County, San Bruno, Pacifica, Half Moon Bay, Millbrae, San Carlos, Portola Valley, South San Francisco, Daly City, and Redwood City. <p>Environmental Campaigns (Shopping, Smart Shopping)</p> <ul style="list-style-type: none"> * Participated in the regional Bay Area Recycling Outreach Coalition (BayROC) Stop Junk Mail and Reusable Bag Campaigns. <p>Technical Assistance/Waste Information Exchange/Meetings (Other)</p> <p>Meetings:</p> <ul style="list-style-type: none"> * Held three (3) Countywide Recycling Committee events with an average attendance of 38 attendees from various cities, pollution prevention and Stormwater program staff, recycling and hauling companies throughout the County.

Program Codes	Program Type/Description
5020-ED-OUT	<p data-bbox="410 275 703 306">Outreach (continued)</p> <p data-bbox="410 342 959 369">Technical Assistance /Assistance to Jurisdictions</p> <ul data-bbox="435 373 1370 583" style="list-style-type: none"> * Processed the Quarterly Disposal Report (DRS) for the transfer stations and landfill for San Mateo County. * Prepared the CalRecycle Annual Report for Unincorporated Areas (West Bay Sanitary District, CSA-8 (North Fair Oaks), other County pockets in the SBWMA service area, La Honda, Pescadero, Montara, and El Granada. * Prepared comments for an EIR for Ascension Heights development for Solid Waste Disposal at Ox Mountain. <p data-bbox="410 617 850 644">Technical Assistance to General Public</p> <ul data-bbox="435 648 1341 764" style="list-style-type: none"> * Provided assistance to businesses through-out the County via our hotline and site visits. * Provided recycling opportunities for residents and businesses at the Pescadero Transfer Station <p data-bbox="410 798 930 825">Technical Assistance Commercial/ Industrial</p> <p data-bbox="410 829 1227 856"><i>(Outreach- Presentation, Workshops Technical Assistance/Audits, Surveys):</i></p> <ul data-bbox="435 861 1378 917" style="list-style-type: none"> * RecycleWorks continued to provide outreach, events, and technical assistance to the commercial sector in San Mateo County. <p data-bbox="410 951 565 978">Presentations</p> <ul data-bbox="435 982 1378 1814" style="list-style-type: none"> * Two (2) Youth Services Center * Human Services Agency * 555 County Center * 400 County Center (County Manager’s Office, Cafeteria and Service Access) * Health Plan of San Mateo * Five (5) East Palo Alto Government Center * Five (5) Maple Street Complex * Bristol Myers Squibb * Kaiser Permanente * Intern Program Human Services Agency, County of San Mateo * San Bruno Jail * Margaret J. Kemp Camp * Conducted 12 waste audits to reduce waste at the County Jail (San Bruno), County Medical Center (San Mateo), 555 County Center (2 audits - Redwood City). * 400 County Center (Redwood City), Youth Services Center (2 audits - San Mateo), HSA (San Carlos), Cordilleras Center (Redwood City), and East Palo Alto Government Center (East Palo Alto). * Recertified* 14 Green Businesses and certified 21 new Green Businesses in the following participating cities; <ul data-bbox="475 1562 1378 1814" style="list-style-type: none"> • Belmont - Moquin Press* • Burlingame - Xpress Waiters, Inc. • Half Moon Bay - Half Moon Bay Chamber of Commerce*, Half Moon Bay Brewing Company*, Coastside Land Trust • Menlo Park - Heart on Your Wrist, Kateeva • Millbrae - City of Millbrae (621 Magnolia)*, Millbrae Library*, Paper Culture • Redwood City - Trillium Dental*, The Kastrop Group*, Lyngso Garden Materials*, Office City*, LiveOps Inc.

Program Codes	Program Type/Description
5020-ED-OUT	<p data-bbox="410 300 703 331">Outreach (continued)</p> <ul data-bbox="475 363 1393 646" style="list-style-type: none"> • San Carlos - A+ Japanese Auto Repair*, City of San Carlos Youth Center*, Nandi Yoga*, Blue White Cleaners, Toole's Garage • San Mateo - Auto Medics*, Giant Supplies, CSG Consultants, Reach and Teach, Modern Design, Curi Odyssey. • South San Francisco - Esposito's Catering, Your Party Rental Co., Global Experience Specialists, Food Service Partners • Unincorporated - Montara Lighthouse Youth Hostel* • SFO - SF MOMA Museum Store*, Compass Books, RDG Concessions, Goodfellows Shoeshine and Accessories <p data-bbox="410 678 768 709">Technical Assistance to Schools</p> <p data-bbox="410 709 971 741"><i>(Presentation, Workshops/Training given or staffed)</i></p> <ul data-bbox="410 772 1393 1749" style="list-style-type: none"> * Certified 16 classrooms under the Green Star School (GSS) pathways at one (1) school in San Mateo (North Shoreview Montessori School). Six (6) presentations on the Green Star Schools Program (GSS) Classroom Certification Program were given to 420 students at North Shore Montessori School in San Mateo, Hillsdale High School in San Mateo, Woodside High School in Unincorporated San Mateo County, and Hatch Elementary School in Half Moon Bay. * 42 presentations on the 4Rs were provided to 3,699 students in Belmont, Foster City, Daly City, San Mateo, Redwood City, San Carlos, Millbrae, and Unincorporated San Mateo County. * Provided one (1) teacher training Litter Collection Event lesson workshop to 12 teachers that was held at the Spring Science Technology Engineering and Math (STEM) Resource Fair at the San Mateo County Office of Education. Provided one (1) teacher-training workshop on the 4Rs (Reduce, Reuse, Recycle and Rot) to prepare teachers for classroom fieldtrips. 12 teachers attended from San Mateo, Unincorporated San Mateo County, San Bruno, Pacifica, Half Moon Bay, Millbrae, San Carlos, Portola Valley, South San Francisco, Daly City, and Redwood City. * Partnered with San Mateo Office of Education Safe Routes to Schools Program with the "Be Seen Keepin' It Clean" school Earth Day events: 41 schools participated, which collected about 340 bags of garbage and 400 bags of recyclables. Number of schools that participated in the following jurisdictions: One (1) school in Atherton, one (1) school in Burlingame, one (1) school in Daly City, four (4) schools in Foster City, two (2) schools in Pacifica, one (1) school in Redwood City, one (1) school in San Bruno, six (6) schools in San Carlos, 15 schools in San Mateo, five (5) schools in South San Francisco, two (2) schools in the Town of Portola Valley, and two (2) schools in Unincorporated San Mateo County. * CMSESMC Annual Spring Teacher Conference, San Mateo County Office of Education * Heather Elementary School in San Carlos - Judging Student Composting Presentations * San Mateo County Office of Education Science Fair in San Carlos- Judging Student Science Fair Projects * Refer to School Source Reduction, 1040-SR-SCH for additional information for Technical Assistance provided to Schools

Program Codes	Program Type/Description
5030-ED-SCH	<p data-bbox="412 277 521 306">Schools</p> <p data-bbox="412 310 1279 340">(Task Force, Grants, Education/School Curriculum Assistance, Resource Center)</p> <ul data-bbox="440 365 1383 516" style="list-style-type: none"> <li data-bbox="440 365 1383 453">* Collaborated with Alameda County and the City of San Jose to develop the regional Bay Area Green Star School classroom certification program for schools. Refer to School Source Reduction, 1040-SR-SCH, for more information. <li data-bbox="440 457 1383 516">* Provided RecycleWorks Resource Center assistance to educators throughout the County.
5040 Ed Other	<p data-bbox="412 546 740 575">Other Public Education</p> <ul data-bbox="440 609 1370 667" style="list-style-type: none"> <li data-bbox="440 609 1370 667">* Provided recycled content pencils to the public featuring the hotline phone number and website at events and school presentations.

Policy Incentives (Product and Landfill Ban, Economic Incentives, Ordinances, Other)	
Key Accomplishments for this section:	
<ul style="list-style-type: none"> * On November 12, 2012, the County of San Mateo Board of Supervisors passed an ordinance restricting the use of single use plastic bags that became effective in 2013. 	
Program Codes	Program Type/Description
6000-PL-PLB	<p>Product and Landfill Bans (Product and Packaging ban)</p> <ul style="list-style-type: none"> * In 2011, the County passed an ordinance restricting the use of polystyrene based disposable food service ware. * In 2012, The County passed an ordinance restricting the use of single use plastic bags.
6010-PL-EIN	<p>Economic Incentives (Recycling Market Development Zone, Tipping Fee Incentive Deposits, Collection Rate Incentives, Rate Structure Modifications; Quantity Based, Variable Can rate, Economic Incentives; Recycling Fees, Deposits, Refunds, Rebates, Fees, Loans, Grants, Surcharges etc.)</p> <ul style="list-style-type: none"> * In the Unincorporated Franchised Areas of San Mateo County (North Fair Oaks, and County Franchised Area) a discounted (25%) rate was offered to customers for organics collection for commercial customers. The San Francisco International Airport is given a discount based on the recycling tonnage. Other cities in the SBWMA have their own rate structures and discounts for each agency
6020-PL-ORD	<p>Ordinances (Support State and Fed Regulatory Programs, Local Government Ordinance for Recycling, Building Code Changes, Local Government Ordinance)</p> <ul style="list-style-type: none"> * No new ordinances except as stated in 6000-PL-PLB Product and Landfill Bans.

Facility Recovery (MRF, Landfill, Transfer Station, Composting Facility, ADC, Other)	
Program Codes	Program Type/Description
7020 FR-TST 7010-FR-LAN	<p>Material Recovery Facility (MRF), Landfill, Transfer Stations, Composting Facilities, Alternative Daily Cover (ADC)</p> <ul style="list-style-type: none"> * The Blue Line Transfer Station (South San Francisco Scavenger), Shoreway Environmental Center (SBWMA) and the Pescadero Transfer Station (County of San Mateo) continued to be the primary MRFs in San Mateo County that serve the Unincorporated Areas of the County. The recycling materials collected at the Pescadero Transfer Station are processed at Newby Island in San Jose. These facilities mentioned above provide source separated drop-off recycling opportunities for wood, tires, yard waste, fiber, oil, batteries, bottles and cans and Construction and Demolition. The only MRF located in the Unincorporated Area of the County is the Pescadero Transfer Station. * Ox Mountain Landfill, owned and operated by Republic Services, continued to accept green waste and wood waste for onsite ADC use and divert clean loads of soil for landfill roads and abutments. The landfill recycles white goods, tires, cardboard, paper, wood, bottles and cans.

Household Hazardous Waste (HHW) (Permanent Facility, Mobile or Periodic Collection, Curbside Collection, Waste Exchange, Education Programs, Electronic Waste, Other HHW)	
<p>Key Accomplishments for this section:</p> <ul style="list-style-type: none"> * HHW programs served 12,703 residents and collected 728,519 pounds (or 364 tons) for recycling or proper disposal. * Eight (8) special HHW collections were held in Menlo Park, Redwood City, Daly City, La Honda, Half Moon Bay and Portola Valley. * 19,740 pounds of pharmaceuticals were collected for proper disposal. 	
Program Codes	Program Type/Description
9000-HH-PMF 9010-HH-MPC	<p>County HHW Permanent Facility and Periodic/Temporary Collection Facility/Event</p> <ul style="list-style-type: none"> * The County's permanent facility, located in San Mateo, was open to the public for 3 days a week. * South San Francisco (Blue Line Transfer Station) and Pacifica (Recology of the Coast) has one collection per month. * Eight (8) special HHW collections were held in Menlo Park, Redwood City, Daly City, La Honda, Half Moon Bay and Portola Valley. * 706,874 pounds of HHW were collected from 12,445 residents. <p>Recycle-Only Collection Facility (Antifreeze, batteries, oil, paint)</p> <ul style="list-style-type: none"> * Blue Line Transfer Station, Shoreway Environmental Center, Recology of the Coast Recycling Yard, and Recology San Bruno Transfer Station collected antifreeze, batteries, oil, and paint. * Mussel Rock and Ox Mountain Landfill collected antifreeze and oil.
9020-HH-CSC	<p>Door-to-Door Collection Program and Curbside Collection Program</p> <p>South Bayside Waste Management Authority (SBWMA) At Your Door Curbside Collection Program</p> <ul style="list-style-type: none"> * This service was offered for residents in Belmont, Burlingame, East Palo Alto, Foster City, Hillsborough, Menlo Park, San Carlos, City of San Mateo, Unincorporated San Mateo County and West Bay Sanitary District. * 21,645 pounds of HHW were collected from 258 residents. <p>Other HHW Curbside Collection Programs</p> <ul style="list-style-type: none"> * Curbside collection of oil was offered by Allied Waste Services of Daly City and Allied Waste San Mateo County. * Curbside collection of oil and filters was offered by Recology San Mateo County, South San Francisco Scavenger Company, and GreenWaste. * Curbside collection of batteries was offered by Recology San Mateo County, Recology of the Coast, South San Francisco Scavenger Company, GreenWaste, Allied Waste Daly City and Allied Waste San Mateo County. * Curbside collection of compact fluorescent bulbs (CFL) was offered by Allied Waste Services of Daly City, Allied Waste San Mateo County and GreenWaste.

Program Codes	Program Type/Description
9030-HH-WSE	<p>Waste Exchange</p> <ul style="list-style-type: none"> * Products including common household cleaners, auto supplies, fertilizers, wood preservatives, stains and latex paint were given away for free at the Product Give-Away Program Warehouse twice a month.
9040-HH-EDP	<p>Education Programs</p> <ul style="list-style-type: none"> * San Mateo County Environmental Health had a website devoted to HHW (smhealth.org/hhw) and a hotline 650-636-4718. * Information on where residents can recycle household hazardous waste items such as paint, CFLs, and batteries was available in the RecycleWorks website (www.RecycleWorks.org) database search and through a link to the County Environmental Health Department's Flows to Bay webpage (www.flowstobay.org/toxic). * Assisted RecycleWorks hotline callers with information on where to take HHW and e-waste for reuse or recycling.
9045-HH-EWA	<p>Electronic Waste (E-waste)</p> <ul style="list-style-type: none"> * Goodwill, St. Vincent de Paul and Green Citizen collected electronics working or not free of charge. * Recology San Mateo County, Recology of the Coast, collected e-waste for free and South San Francisco Scavenger Company for a fee as part of the bulky item collection. * GreenWaste customers could put electronic items in their curbside recycling bin or as a part of the bulky item collection. * South Bayside Waste Management Authority (SBWMA) At Your Door Curbside Collection Program collected e-waste as part of the curbside collection program.
9050-HH-OTH	<p>Other HHW</p> <ul style="list-style-type: none"> * 19,740 pounds of pharmaceuticals were collected for proper disposal in San Mateo County.

Program Codes	Program Type/Description			
9000-HH-PMF	County HHW Permanent Facility and Periodic/Temporary Collection Facility/Event and Door-to-Door Collection Program			
9010-HH-MPC	SBWMA At Your Door Special Collection		County HHW Permanent Facility and Periodic/Temporary Collection Facility/Event	
9020-HH-CSC				
City	Residents	Pounds	Residents	Pounds
Atherton	0	0	188	10,658
Belmont	38	3,024	595	33,818
Brisbane	0	0	65	3,684
Burlingame	26	2,221	579	32,892
Colma	0	0	23	1,316
Daly City	0	0	901	51,187
East Palo Alto	3	292	32	1,842
El Granada	0	0	86	4,869
Foster City	36	3,761	315	17,896
Half Moon Bay	0	0	473	26,843
Hillsborough	21	1,347	239	13,553
La Honda	0	0	204	11,580
Menlo Park	38	2,512	924	52,503
Millbrae	0	0	278	15,790
Montara	0	0	104	5,921
Moss Beach	0	0	74	4,211
Pacifica	0	0	1,040	59,082
Pescadero	0	0	23	1,316
Portola Valley	0	0	500	28,422
Redwood City	0	0	1,798	102,110
San Bruno	0	0	417	23,685
San Carlos	28	3,133	751	42,634
San Mateo	53	3,964	1,858	105,532
South San Francisco	0	0	589	33,423
West Bay Sanitary District	5	477	0	0
Woodside	0	0	331	18,817
Unincorporated San Mateo County	10	915	58	3,290
Total	258	21,645	12,445	706,874

Other Sustainability Programs (not funded by AB 939 Fee)

Key Accomplishments for this section:

- * Reduced Countywide energy use by approximately 62.5 peak kilowatts, 2.3 million kilowatt-hours, and 10,755 therms of natural gas through energy-efficiency projects at public agencies, non-profits, small businesses, farms, schools, and moderate income residences through the San Mateo County Energy Watch program.
- * With assistance from the energy consultant, Det Norske Veritas Germanischer Lloyd (DNV GL), assisted two (2) cities in completing a Draft Climate Action Plan, and two (2) cities in adopting a Climate Action Plan.
- * Convened the Large Residential Resource Conservation Collaborative (LR2C2) to assist towns with predominantly large homes to reduce energy use in the residential sector.
- * Benchmarked the energy use of all 174 public K-12 public schools in San Mateo County in collaboration with the San Mateo County Office of Education.
- * Hosted a half-day “Prop 39 Funding Workshop” for school district superintendents, chief business officers, and facilities directors in partnership with the San Mateo County Office of Education to help districts access new state funding for energy-saving projects. Representatives from 20 out of 23 school districts attended.
- * Certified one (1) classroom under the GSS energy pathway at Hatch Elementary School in Half Moon Bay.in another school.

Sustainability, CO2 and Climate Change

Climate Action – Regionally Integrated Climate Action Planning Suite (RICAPS) and Greenhouse Gas Reduction Activities

- * Continued leadership role for the countywide climate action planning effort: Regionally Integrated Climate Action Planning Suite (RICAPS), and working group meetings.
- * Certified one (1) classroom under the GSS energy pathway at Hatch Elementary School in Half Moon Bay.in another school
- * With assistance from DNV GL (consultant), assisted two (2) cities in completing a Draft Climate Action Plan, and two (2) cities in adopting a Climate Action Plan.
- * Hosted six (6) Resource Management & Climate Protection (RMCP) Committee meetings attended by elected officials and community stakeholders.
- * Presented information about SMC Energy Watch, RICAPS, energy issues, and/or climate adaptation/resilience to the following organizations:
 - C/CAG Board – one (1) presentation
 - C/CAG Congestion Management and Environmental Quality (CMEQ) Committee - one (1) presentation
 - San Mateo County Office of Education Students @Work@Schools Task Force – one (1) presentation and tabling at one (1) event
 - San Mateo County school district personnel - hosted half-day workshop
 - Thrive: The Alliance of Nonprofits of San Mateo County community resilience workshop - one (1) presentation
 - Joint Venture Silicon Valley Public Sector Climate Protection Task Force – one (1) presentation, three (3) updates
- * Hosted monthly multi-city working group meetings to assist city staff in drafting Climate Action Plans, municipal 2010 greenhouse gas inventories and implementing climate action measures. Topics covered included:
 - Incorporating CEQA requirements into climate action plans, climate adaptation, tools to assist jurisdictions in increasing compliance with energy codes, bike sharing programs, safe routes to schools, solar roadmap, home energy analytics, best practices in CAP implementation, “Pay as You Save” financing on water utility bill and the countywide outreach campaigns to increase energy efficiency.

Sustainability, C02 and Climate Change (continued)

- * Participated in PG&E Task Forces: Schools, Agriculture, Water/energy nexus and Climate action planning
- * Co-chaired Joint Venture Silicon Valley's Public Sector Climate Protection Task Force
- * Countywide understanding about climate resilience, including:
 - Co-hosting a workshop about climate adaptation for elected officials and city staff in partnership with Joint Venture (51 attendees).
 - Gave presentations about climate adaptation at RMCP and RICAPS meetings
- * With assistance from DNV GL, assisted two (2) cities in completing a Draft Climate Action Plan, two (2) cities in adopting a Climate Action Plan, and one (1) city in working on a 2010 greenhouse gas inventory for municipal operations. Began work on 2010 community-wide greenhouse gas emissions inventories for all 21 jurisdictions. Provided workforce development opportunities for: two (2) Climate Corps Bay Area fellows and Five (5) Skyline Community College interns –
- * Assisted lower-income, with no-cost, turnkey energy and water efficiency retrofits in partnership with El Concilio of San Mateo County.
- * Benchmarked the energy use of 185 public K-12 school buildings using the EPA's Portfolio Manager Tool.
- * In partnership with the San Mateo County Office of Education, met individually with 10 school districts to help them develop a strategy for accessing their Prop 39 allocation (State funding for energy-saving projects) and co-hosted a Prop 39 Funding Workshop for school district personnel (65 attendees).
- * Hosted energy efficiency trainings/workshops in partnership with PG&E and other agencies for city building officials, and/or energy-efficiency professionals. These classes aimed to train the workforce to build and retrofit more energy-efficient buildings and homes. Classes covered the following topics:
 - * Climate Adaptation Workshop (in partnership with Joint Venture; (51 attendees)
 - * Secrets to Controlling Energy Use in Larger Homes (26 attendees in person, 11 via simulcast webinars)
 - * Auditing Electricity Use in Larger Homes (32 attendees).

Energy Watch Program (PGE and CCAG grant)

- * Reduced Countywide energy use by approximately 62.5 peak kilowatts, 2.3 million kilowatt-hours, and 10,755 therms of natural gas through energy-efficiency projects at public agencies, small businesses, farms, schools, non-profits and middle income residences.
- * San Mateo County Energy Watch website (www.smcenergywatch.com) had 6,459 visitors.
- * Published two (2) versions of the Energy Watch E-Newsletter. The general version (384 subscribers) is for San Mateo County homeowners, architects, contractors and others involved in the residential or commercial building industry. The municipal version (362 subscribers) is for city and County staff and public officials. Published nine (9) newsletters for each version.
- * Provided 10 cities and the County with comprehensive audits and ongoing technical assistance to identify and implement extensive energy efficiency retrofits in multiple facilities.
- * Presented the investment value of retrofits and helped cities access incentives and 0% on-bill financing from PG&E.
- * Served seven (7) cities, 13 farms, three (3) congregations, eight (8) nonprofits, one (1) school district, one (1) special district, and three (3) other organizations with energy efficiency audits, retrofits, and/or incentives.

Fitzgerald Special Edition



PROTECTING THE MARINE RESERVE TOGETHER

SUMMER 2014

LEARN MORE ONLINE:

- See maps of the Reserve, the ASBS, and the pilot projects
- View photos of the Reserve and the incredible sea life there, plus before-during-and-after shots of swale construction
- Read about the Reserve's history
- Find links to more great resources online, local groups, and upcoming events

For all this and more, visit

www.smchealth.org/asbs

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Preventing Pollution at Home

Did you know that there are actions you can take at home to prevent stormwater pollution? Common activities like car washing, yard care, and pest control can result in polluted stormwater, which may impact special areas like the Fitzgerald Marine Reserve. Recent water quality monitoring results in the MidCoast area showed elevated levels of pollutants such as fecal coliform bacteria, permethrin pesticides, and metals like copper, lead, nickel, and zinc. Below are a few ways you can help prevent stormwater pollution.

Go the Extra Yard. Clean water starts in your backyard. Many common insecticides like wasp or ant sprays have harmful ingredients, such as permethrin, which are very toxic in

the aquatic environment. Try using less pesticides and fertilizers, or switch to less toxic products. Even pet waste from backyards impacts stormwater when runoff from these areas enters the storm drains or creeks and increases levels of fecal bacteria. Always clean up after your pets and dispose of the waste in the garbage.

Only Rain in the Storm Drain. Did you know that vehicles are a common source of pollutants? Fluid leaks from your vehicle are carried by rainwater from your driveway into the storm drain. Be sure to inspect for leaks regularly. Copper dust from brake pads accumulates on your wheels, and when it rains, the dust and other pollutants wash off of your car. However, higher



concentrations are released when cars are washed and scrubbed with water under higher pressure. If you wash your car in the driveway, these pollutants and soap wash into the storm drain. Taking your car to a commercial car wash ensures that wash water is captured and treated through the sanitary sewer system.

Please see the Team Effort Insert for more tips, coastside hardware stores that carry less-toxic products, car wash coupon info, and more!

Copper: The Untold Story

Most of us appreciate the natural beauty of copper in the form of jewelry, artwork, and other decorative applications. One of those applications is architecture. It is often used for roofs, flashing, rain gutters, and downspouts because of its beauty and durability.

Copper is naturally occurring in the earth, but high concentrations in water can be toxic to aquatic life. When used for architectural features, it is often patinated to produce a desired color. Patination involves acids that, when applied



and rinsed, can end up in the storm drain and increase copper levels in water. While copper does not rust, it does corrode, creating by-products such as copper oxide, sulfides, and copper dust that are released as rain water passes over the surface of the architectural features.

The best way to prevent

copper pollution is to choose another material for your project. If you must use copper, try these best management practices to prevent pollution: 1) purchase copper materials that have been patinated at the factory, 2) if patinating or washing onsite, collect rinse water and off-haul for proper disposal, or direct rinse water to landscaping and block off nearby storm drains, or 3) apply a coating to prevent corrosion.

Please see the Team Effort Insert for more ways to prevent copper pollution.

RCD Projects: Keeping the LID On

When rain falls in an undeveloped area, the ground will soak up much of it. Runoff from saturated earth flows downhill in the form of a creek or stream, leading to other water bodies such as lakes, bays, and oceans. When water soaks into the ground, it is naturally filtered by the soil, and pollutants generally break down in the process.

When rain falls onto the hard surfaces of streets, driveways, patios, and rooftops, it picks up pollutants in its path such as backyard pet waste, motor oil from leaking vehicles, copper from vehicle brakes, household and garden pesticides and herbicides, metals from roofing and gutter materials, and street litter. Runoff from these hardscapes flows to roadside gutters and storm drains. The storm drains collect this polluted rainwater and carry it directly into our creeks, oceans, and the Fitzgerald Area of Special Biological Significance (ASBS), where it can negatively impact aquatic life and water quality. It can also lead to erosion, localized flooding, reduced groundwater levels, and local beach closures. What can be done to prevent this?

Low Impact Development (LID) is a technique now being used for new and redevelopment projects that utilizes nature to manage stormwater and prevent pollution at the source. LID ranges from small scale backyard projects to larger municipal development and retrofit projects where streets are redesigned to capture and naturally treat stormwater. Examples of LID techniques include using permeable pavements and paving stones, rain gardens, rain barrels, grassy swales, and native and drought tolerant plants.

There are two primary LID treatment approaches. The first involves capturing all of the stormwater on-site and allowing for evaporation, infiltration, and/or rainwater harvesting. The second approach involves treatment where stormwater is slowed and filtered by plants and bio filtration

soils to remove pollutants before some or all of the water enters the storm drain system. This approach often involves the use of an under drain system beneath the soils to deliver the treated water to the storm drain system.

You can implement LID at home without having to rebuild or remodel your house! Installing a rain barrel is



a good example. These are specially designed barrels placed underneath the downspouts of your house to capture rainwater from your roof. A hose can be attached so you can use it to water your yard! Another example of LID is a rain garden – a planted area of your yard where water either accumulates or slowly passes on its



way to the storm drain. Rain gardens allow the water to collect and percolate through special bio filtration soils that help filter out pollutants. And of course, if you are building a new house or remodeling an existing one, consider LID techniques in the process, such as a new driveway or walkways with paving stones that allow

water to soak into the ground. Some of these techniques are now being required by planning and building departments, so it is good to learn about them before developing your plans.

As part of the ASBS Pollution Reduction Program, San Mateo County Resource Conservation District (RCD) and Natural Resources Conservation Service (NRCS) staff visited residents in Montara and Moss Beach over the past year to provide free technical assistance and make recommendations for LID practices on each property. The goal is to achieve sustainability and improve water quality. On-site technical assistance involved landowners and RCD/NRCS staff identifying concerns such as erosion, poor drainage, or the presence of pollutants, and landowners being provided with customized strategies to address those issues.

From these site assessments and recommendations, properties were selected to have engineered designs developed. The designs for each property were recently completed and include LID combinations of rainwater catchment systems, vegetated swales, rain gardens, replacing driveways with permeable pavement, and strategies to direct flow to vegetated areas. Construction and planting of these LID projects is planned for early Fall 2014. These sites will demonstrate how private landowners can improve water quality in the ASBS watershed.

For more information on LID and related resources, see the following link: www.sanmateorcd.org/LID.html. If you are interested in implementing LID strategies, helping conserve water, and protecting water quality in your watershed, contact Brittani Bohle with the RCD at Brittani@sanmateorcd.org or at 650-712-7765 ext. 104. The RCD provides ongoing, free and confidential technical assistance for public and private landowners to achieve conservation.

See the Team Effort insert for more information, and help keep the LID on water pollution!

Updates: Pollution Reduction Program



Phase 2 of the Fitzgerald ASBS Pollution Reduction Program is underway! The grant-funded project began in 2011 with the County's installation and testing of pilot storm drain best management practices including roadside vegetated swales and storm drain filtration devices throughout Montara and Moss Beach. Based on the water quality monitoring results, the vegetated swales were effective at reducing pollutants, and they provide a greener, more natural approach to stormwater treatment. So, with financial assistance from the State Water Resources Control Board, the County is

installing more. Three roadside vegetated swales were installed in 2013, and eleven more will be installed this summer and fall. Green stormwater treat-



ment features will also be constructed at Fitzgerald Marine Reserve parking lot and along Carlos Street in Moss Beach. Visit <http://smchealth.org/asbs> for more information and updates on the Fitzgerald ASBS Pollution Reduction Program.



Top left: A vegetated swale on Wienke Way in Moss Beach, before the project. Center: Workers installing vegetated swale. Above: The completed project.

2014 Coastside Events

Ongoing watershed hikes

www.openspace.org

Pacifica Beach Cleanups

www.pacificbeachcoalition.org

Coastal Cleanup Day Sept 20

Pitch in to pick up litter at Mirada Surf or another Coastside beach.

Visit www.flowstobay.org/ccd for full details

Coastside Cleanup Days and Educational Events

Organized by Coastside Land Trust

Visit www.coastsidelandtrust.org for details.

First Flush

Late September/ early October

Volunteers sample local storm drains during the first big rain of the winter season.

Contact the RCD for more information and to sign up. (650)712-7765



Volunteering at the Reserve

Friends of Fitzgerald trains volunteers to help out at the tide pools. For details,

visit www.fitzgeraldreserve.org

or

Partner with a park ranger to help educate visitors. Visit the County Parks volunteer page for more details.

www.parks.smcgov.org

Kids' Corner

Banana Slugs invade local school!

The 21st annual Oceans Week titled, "Tidepools: Marine Magic in Our Own Back Yard" took place at Farallone View Elementary School in Montara during the week of May 19th. The event was sponsored by the Friends of Farallone View Parent Teacher Organization who partnered with the County of San Mateo's Parks Department and the Department of Public Works, the San Mateo Countywide Water Pollution Prevention Program, and other local organizations to design activities to teach students about tidal ecosystems and pollution prevention.

The event kicked off with an assembly entitled "We All Live Downstream" presented by the Banana Slug String Band. The assembly was an interactive performance involving music, singing, and dancing on the topics of storm drains, recycling, and keeping water clean. The band has performed in schools all over the County for the last several years and was thrilled to be part of Oceans Week for a second time. Check out the band and their songs at www.bananaslugstringband.com.

Fitzgerald Marine Reserve Park Ranger Cala helped lead a school-wide assembly where his video "A Universe in a Tide Pool" was screened, and he shared his passion for tidal creatures.

Log on and check out the video at: parks.smcgov.org/fitzgerald-marine-reserve

Students also participated in the school's "Be Seen Keepin' It Clean Event." As part of a homework assignment, approximately 220 students, with the help of family members, collected about 250 bags of litter from neighborhoods, beaches, creeks, and parks from Half Moon Bay to Montara. As a result, students protected ecosystems by preventing litter from entering the local waterways and ocean. The San Mateo County Office of Education Safe Routes to Schools Program and the County of San Mateo RecycleWorks Program provided support and incentives to students for participating in this Earth-friendly event. In addition, Recology of the Coast provided the school with a recycling truck demonstration for the transitional kindergarten, kindergarten, and first grade classes.

Other events included tide pool field trips and a tide pool learning lab. On the last day of tide pooling, students observed THREE octopuses! During the lab, students made a pledge to "Protect the Marine Reserve Together" by taking steps to prevent pollution such as always cleaning up after their pets and never littering. Visit

smchealth.org/asbs to take the pledge too. The Department of Public Works also sponsored a tide pool drawing contest. All of the artwork was great! See below for a few of our favorites.

Educating the next generation about pollution prevention is critical to the success of future efforts. *Keep up the good work Farallone View Elementary!*

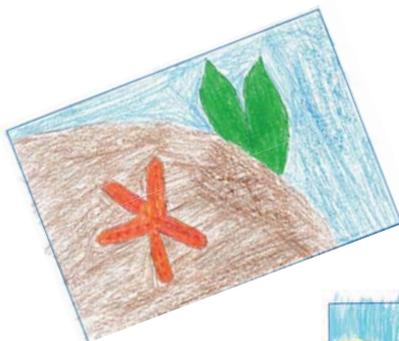


The Banana Slug String Band performs "We All Live Upstream" at a local school

Want to learn about the Fitzgerald Marine Reserve?

Visit:

<http://parks.smcgov.org/fitzgerald-marine-reserve>



Samples from the Tide pool Drawing Contest!



Funding for this project has been provided in full or in part through an agreement with the State Water Resources Control Board. The contents of this document do not necessarily reflect the views and policies of the State Water Resources Control Board, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.

Water quality affects everyone – humans, pets, livestock, and wild-life. That’s why it’s so important for everyone to make an effort to maintain good water quality. Federal, state, and local government agencies have regulations in place to protect water quality, as well as programs and grants to educate and encourage people to use best practices at home and work. Government programs also fund municipal improvements geared toward stormwater management, but government can only do so much. It is up to residents and businesses to help the effort by using best practices daily to prevent water pollution.

Clean Water. Healthy Community. It's a Team Effort.



What’s the Problem with Runoff?

Many people don’t realize that when it rains, polluted stormwater flows into storm drains and directly to the creeks and ocean without filtering or treatment. Many things we do can negatively impact the cleanliness of stormwater runoff, including common activities you might not expect. This is why stormwater is a significant ongoing source of pollution in our water bodies.

and parking lots. These are important opportunities for managing

stormwater because pavement constitutes as much as 70 percent of the impervious surfaces in an urban area that prevent water from soaking into the soil. Innovative use of these design approaches can enhance pedestrian and bicycle access and



Infrastructure Solutions

Local county and city governments are implementing new techniques in urban planning to capture and treat stormwater runoff. These techniques use natural processes to filter polluted water and allow it to recharge groundwater. Examples of this can be seen in the “San Mateo County Sustainable Green Streets and Parking Lots Design Guidebook,” in which rain gardens and bio retention areas are used to manage stormwater runoff from streets



What You Can Do

There are opportunities every day to take action when it comes to protecting water quality, from cleaning up pet waste, to washing the car more responsibly (see back). It may not seem like much, but the more people who make the effort, the more the pollution will be prevented at the source. This helps save government funds for other improvements, and results in a cleaner overall environment. Modeling behavior for your children and making others aware of pollutant sources, water quality problems, and solutions makes a big difference. Use your voting power to approve funding for green initiatives. Use your buying dollar to support products and services that are eco-friendly. Taking action in little ways helps a bigger cause. For more information, or to sign up for the Team Effort e-newsletter, go to www.flowstobay.org or call (650) 372-6200.



safety, calm traffic, add urban green space and wildlife habitat, enhance neighborhood livability, increase community and property values, help deepen connections to the natural environment, and control localized flooding. Green street and parking lot projects have been constructed in Brisbane, Burlingame, Daly City, San Bruno, San Carlos, Montara, Moss Beach, and San Mateo, and more are in the works.



JAMES V. FITZGERALD ASBS POLLUTION PREVENTION PROGRAM

Protecting the Marine Reserve Together

Where to Find

Want to learn more about water pollution prevention? Check out these locations and websites, or call San Mateo County Environmental Health at (650) 372-6200.

Household Hazardous Waste

- Properly dispose of household chemicals: www.flowstobay.org/toxic

Projects and Programs

- Water quality sampling: www.smchealth.org/environ/beaches
- Fitzgerald ASBS water quality sampling: www.smchealth.org/asbs
- Green streets and parking lots: www.flowstobay.org/greenstreets
- Recycling, waste reduction, and other sustainability programs: www.recycleworks.org/

Best Practices

- Bay Friendly Landscaping Guide: www.Bayfriendly.org
- Car wash discount coupon: email pollutionprevention@smcgov.org
- Automotive care: www.flowstobay.org/autocare
- Water conservation and gardening classes: www.bawsca.org

Get Involved

- Online Calendar of Events: www.flowstobay.org/calendar
- Team Effort newsletter: email pollutionprevention@smcgov.org
- Kids activities related to stormwater: www.flowstobay.org/kids

Low Impact Development (LID)

- LID fact sheets: Architectural copper, rain barrels, rain gardens, permeable pavers: www.flowstobay.org/newdevelopment
- Resource Conservation District LID information: www.sanmateorcd.org/LID.html
- Fitzgerald ASBS LID workshop presentations: www.smchealth.org/asbs

Pest Management

- Less toxic pest control in the home and garden: www.ourwaterourworld.org, Ant control: www.gotants.org
 - Participating Our Water Our World (OWOW) Coastside stores that sell less toxic gardening products: Hassett Hardware, Half Moon Bay; El Granada Hardware, El Granada; Linda Mar Ace Hardware, Pacifica
- Go to www.flowstobay.org/pestcontrol for a complete list of OWOW participating stores in San Mateo County.



What You Can Do....

Here is a list of things you can do at your home or business to help protect and improve water quality. Choose just one or do them all!

- Pick up pet waste
- Use less toxic gardening products
- Install low-flow sprinkler lines
- Plant native plants that use less water
- Wash your car at a car wash
- Recycle used motor oil and filters
- Maintain your car to prevent leaks
- Dispose of household chemicals properly
- Keep the lid on your trash can at all times
- Pick up litter whenever you see it
- Participate in a cleanup event
- Make your own household cleaners
- Bring your own bag to the store
- Purchase products in bulk, using less packaging
- Make full use of curbside recycling
- Recycle batteries or purchase rechargeables
- Teach your children and friends
- Install rain barrels on your downspouts
- Install rain gardens on your property
- Report illegal dumping to your local authority
- Learn about your watershed and where it drains to at <http://museumca.org/creeks/>

HORSE FACILITY COMPLIANCE REPORT FOR SHAMROCK RANCH STABLES
100 Shamrock Ranch Road
Unincorporated San Mateo County
APN 023-741-020 and 023-741-010

1. INTRODUCTION

Shamrock Ranch is a horse stabling facility located on privately owned property located within the San Pedro Creek Watershed, in unincorporated San Mateo County. The facility operates under a County issued Confined Animal Permit, with County permit records of the facility dating back to 1972. The facility is regulated by the County's Confined Animal Ordinance (Ordinance). The Ordinance seeks to protect water quality, sensitive habitats, soil and other significant environmental resources from potential adverse impacts of confined animals, among other goals. The ordinance requires submittal of a detailed drainage and stormwater management plan and manure management plan subject to review and approval to ensure there are no adverse impacts to water quality or sensitive habitats.

Compliance review of confined animal permits by the Planning and Building Department includes a Planning and Building Department site inspection for zoning compliance and an Environmental Health Division site inspection for manure management and drainage compliance. Review and inspection for confined animal facilities in San Mateo County are conducted every three years. However, in order to comply with the San Pedro Creek and Pacifica State Beach Bacteria TMDL Basin Plan Amendment (Resolution No. R2-2012-0089), Shamrock Ranch (the only horse facility within unincorporated County in the San Pedro Creek watershed) has been elevated to an annual compliance review and report as of 2014.

Additionally, Shamrock Ranch operates a dog kennel facility on the same property as the subject horse facility. Dog kennels within the unincorporated County of San Mateo are regulated by the County's Dog Kennel/Cattery Ordinance. Compliance review of dog kennel permits by the Planning and Building Department includes a Planning and Building Department site inspection for zoning compliance and an Environmental Health Division site inspection for drainage and health compliance. Annual renewals are required for dog kennel facilities and include a compliance review of current operations. While the County's Dog Kennel/Cattery Ordinance does not specifically require a detailed drainage or waste management plan be submitted for permitting review, the Planning Department will update our Dog Kennel/Cattery Permit application form to include the requirement for a drainage and stormwater management plan and waste management plan. This application form update will be completed by the end of the 2014 calendar year and will be a requirement for any new and/or renewal applications.

The Department will ensure that the existing dog kennel facility, and all future dog kennel facilities, have current operation plans on file with the County, including an approved drainage and stormwater management plan and waste management plan, for the permitted facility. Annual renewal will include compliance review and inspection of the approved operating facility. Additionally, the Planning Department will update the Dog Kennel/Cattery Permit Application to identify the requirement for drainage and stormwater management plans and waste management plans.

Below summarizes the drainage and stormwater and manure management measures required under the County's Ordinance; the measures implemented by Shamrock Ranch for compliance with the County's Ordinance; and the County's efforts to ensure compliance, including the County's enforcement procedures for noncompliance.

2. DRAINAGE AND STORMWATER MANAGEMENT

Drainage and stormwater management standards from the County's Ordinance include prohibiting surface runoff, including rainwater, from coming into contact with animal waste; draining liquids more than ten (10) feet from wells, septic tanks, and/or drainfields; draining animal waste runoff and liquids used to clean confined animals away from creeks, streams, lakes or other water bodies; preventing standing water from accumulating near confined animal structures; and ensuring surface water drains away from confined animal structures.

According to Shamrock Ranch's latest horse facility drainage and stormwater management plan submitted in 2002, roof surface runoff (i.e., barns, stables) is collected by a series of gutters, downspout, cement swales and hand dug drainage channels that direct water into a catch basin. According to Shamrock Ranch staff, the dog kennels that are also operated on-site drain to the septic system. The horse facility's catch basin connects to underground piping that transports the runoff to an onsite drainage channel. The drainage channel appears to flow to an unnamed creek which runs to San Pedro Creek. Additionally, the horse facility's barns, stables, and outdoor paddocks have cement floors that slope away from the structures to direct surface water (including water and liquids used for cleaning these areas) into a catch basin via cement swales and drainage channels. The catch basin connects to underground piping that transports the surface water to an onsite drainage channel which ultimately connects to San Pedro Creek.

Vegetative swales and hand dug drainage channels, some lined with cement blocks to slow water flow and to aid with erosion and sediment control, have been created around the perimeter of open pasture areas to direct surface runoff to a catch basin that connects to underground piping that transports runoff to an unnamed creek that runs to San Pedro Creek.

Pursuant to the County's Ordinance, confined animal structures and animal use of the property, including pasture or range areas, are prohibited from occurring in any water body (i.e., lake, creek, or stream); within 50 feet of any lake, perennial creek, or stream, or 30 feet of any intermittent creek or stream; in sensitive habitats; within 50 feet of the outward boundary of a riparian corridor; within 100 feet of a wetland; over land used for a domestic well or septic tank, or leach lines; or on slopes exceeding 30% for structures or 50% for animal use.

According to County records, Shamrock Ranch has been a permitted horse facility since the early 1970's. All of the existing associated confined animal structures and animal uses on the property are considered nonconforming relative to their required setbacks from creeks and riparian corridors, as identified in the County's Ordinance, which was adopted in 2001. Nonetheless, Shamrock Ranch's compliance with the drainage and stormwater management and manure management standards of the Ordinance as is reasonably feasible will help to ensure that the operation does not significantly degrade water quality or sensitive habitats.

A site inspection by County Planning Department and Environmental Health Division staff conducted on May 21, 2014 found that the operation does not comply with the County's Ordinance for drainage and stormwater management. Specifically, surface water runoff from the facility drains to an onsite drainage channel that appears to flow to an unnamed creek that connects to San Pedro Creek. To ensure the existing operation is as nearly in compliance with the drainage standards of the County's Ordinance as is reasonably feasible, the County will continue to work with the owner/operate within a timely manner to pursue the implementation of additional or alternative onsite drainage measures to minimize any surface water runoff impacts to San Pedro Creek. The County's efforts to ensure the operation is brought into reasonable compliance with the County's Ordinance is discussed in Section 4 below.

3. MANURE MANAGEMENT

Manure management standards from the County's Ordinance include requiring all animal wastes, including soiled bedding, be collected daily from confined animal structures; limiting stored animal waste for off-site use or disposal from being kept on-site for more than fourteen (14) days; requiring stored waste be covered and separated from the ground by impermeable material; and requiring active on-site composting be mixed or turned over often, or passive composting be allowed.

According to Shamrock Ranch's latest horse facility manure management plan submitted in 2002, manual cleaning and removal of manure, urine shavings, and bedding from stalls and outdoor paddocks is performed daily, the waste is placed in plastic barrels and then transported by dump truck to an off-site field located approximately 1/8 mile away from the horse facility operation where it is distributed for passive compost. Furthermore, on-site composting practices are implemented for pasture areas. The pastures are mowed and dragged twice a year to help maintain optimal grass growth, abate weeds, and to break-up and distribute remaining remnants of manure.

A site inspection by County Planning Department and Environmental Health Division staff conducted on May 21, 2014 found that the operation is in compliance with the County's Confined Animal Ordinance for manure management.

4. COMPLIANCE, IMPLEMENTATION SCHEDULE, AND ENFORCEMENT

A recent site inspection of Shamrock Ranch conducted on May 21, 2014 by County Planning Department and Environmental Health Division staff found that the operation is not in compliance with the Confined Animal Ordinance for drainage and stormwater management. A follow-up inspection report will be issued by the County that identifies all required corrective actions necessary for the operation to be in compliance with the County's Ordinance, including the submittal of an updated drainage and stormwater management and manure management plan.

The following tasks outline the steps the County is/will be taking to ensure Shamrock Ranch's horse facility is in compliance with the drainage and stormwater management and manure management standards of the County's Ordinance to the degree reasonable:

Implementation Task by San Mateo County	Due Date
Elevate compliance review of Shamrock Ranch Stables to annual schedule.	Annually beginning 2014
County to issue Stable Inspection Report to Shamrock Ranch owner/operator that includes	August 29, 2014

all necessary corrective actions for compliance with the County's Confined Animal Ordinance.	
Require an updated drainage and stormwater management plan and manure management plan from Shamrock Ranch owner/operator.	November 28, 2014
Reinspect Shamrock Ranch for progress towards onsite compliance with corrective actions identified in Stable Inspection Report.	November 28, 2014
Continue County efforts with owner/operator to bring Shamrock Ranch as nearly in compliance with the County's Confined Animal Ordinance as reasonably possible relative to drainage and stormwater management and manure management practices.	Ongoing
County update to the Dog Kennel/Cattery application forms to require a drainage and waste management plan as part of any new or renewal application.	December 31, 2014

In accordance with the Ordinance, any violations of the Ordinance shall require the County to issue a written notice to the operator that includes the nature of the violation, the process to remedy the violation, that fees will be doubled to offset the costs of investigation, and that no further enforcement action will occur if the owner initiates corrective action within three (3) months of the date of the notice and demonstrates continued progress toward full compliance. If corrective action has not been initiated after three (3) months of the date of the notice, the case is referred to the San Mateo County Code Enforcement Division for further enforcement action, and can be referred for possible legal action.

Any existing structure, activity or situation which has been shown to significantly degrade water quality or sensitive habitats, and for which adequate mitigation is not feasible, shall be abated. The procedure for abatement shall include a written notice issued to the owner/operator identifying that abatement is required by a reasonable date, unless the owner presents evidence to show that the operation does not significantly degrade water quality or sensitive habitats; a copy of the abatement notice will be referred to the San Mateo County Confined Animal Technical Advisory Committee for review and comment. Furthermore, the owner may request a hearing before the San Mateo County Zoning Hearing Officer to appeal an abatement notice. The Zoning Hearing Officer's decision may be appealed to the Planning Commission, with subsequent appeal possible to the Board of Supervisors. If abatement is determined to proceed and the owner does not comply with the abatement order under the timeframe prescribed by the final decision maker, the violation shall be deemed to constitute a public nuisance and shall be referred to the County's Code Enforcement Division for further enforcement action.

COUNTY OF SAN MATEO

AGREEMENT WITH INDEPENDENT CONTRACTOR

Agreement No. 47300-12-D013

Contractor Name and Address

Genesis Building Services

P.O. Box 25360

San Mateo, CA 94402

Contractor: Upon completion of work or agreed-upon work periods, mail invoice with above Agreement Number to:

Department: Department of Public Works

Attention: Greg Arnott/Gary Behrens

Address: 555 County Center, 5th Floor

City, State, Zip Redwood City, CA 94063

It is agreed between the County of San Mateo, California, and Contractor as follows:

1. **Services to be performed by Contractor** In consideration of the payments hereinafter set forth, Contractor shall perform services for County in accordance with the terms, conditions and specifications set forth herein and in Exhibit "A" attached hereto for the COUNTY OF SAN MATEO **Department of Public Works**.
2. **Contract Term** The term of this Agreement shall be from 6/1/2012 to 5/31/2014 unless terminated earlier by the County.
3. **Payments** In consideration of the services rendered in accordance with all terms, conditions and specifications set forth herein and in Exhibit "A", County shall make payment to Contractor in the manner specified herein and in Exhibit "A". In the event that the County makes any advance payments, Contractor agrees to refund any amounts in excess of the amount owed by the County at the time of contract termination. The County reserves the right to withhold payment if the County determines that the quantity or quality of the work performed is unacceptable. In no event shall total payment for services under this Agreement exceed **\$50,000.00** (Fifty Thousand Dollars and 00/100).
4. **Relationship of the Parties** Contractor agrees and understands that the work/services performed under this Agreement are performed as an Independent Contractor and not as an employee of the County and that Contractor acquires none of the rights, privileges, powers or advantages of County employees.
5. **Worker's Compensation Insurance** The Contractor shall have in effect, during the entire life of this Agreement, Worker's Compensation and Employer Liability Insurance providing full statutory coverage. In signing this Agreement, Contractor certifies awareness of the provisions of section 3700 of the California Labor Code which requires every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of the Code, and certifies compliance with such provisions before commencing the performance of this work of the Agreement as set forth in California Labor Code section 1861.
6. **Insurance** The Contractor shall take out and maintain during the life of this Agreement such Bodily Injury Liability and Property Damage Liability Insurance as shall protect him/her while performing work covered by this Agreement from any and all claims for damages for bodily injury, including accidental death, as well as any and all operations under this Agreement, whether such operations be by himself/herself or by any Subcontractor or by anyone directly or indirectly employed by either of them. Such insurance shall be combined single limit bodily injury and property damage for each occurrence and shall not be less than the amount specified by Risk Management.
7. **Hold Harmless** Contractor agrees to indemnify and defend the County, its employees and agents from any and all claims, damages and liability in any way occasioned by or arising out of the negligence of the contractor in the performance of this agreement, including any sanctions, penalties or claims of damages resulting from Contractor's failure to comply with the requirements set forth in the Health Insurance Portability and Accountability Act of 1996 (HIPPA) and all Federal regulations promulgated thereunder, as amended.

8. **Confidentiality** All data produced or compiled by Contractor shall be considered confidential unless it can be obtained as public record and shall not be shared with a third party without the prior written consent of County. All financial, statistical, personal, technical, and other data and information relating to the County's operations which is made available to the Contractor in order to carry out this Agreement shall be presumed to be confidential. Contractor shall protect said data and information from unauthorized use and disclosure by the observance of the same or more effective procedures as the County requires of its own personnel. The Contractor shall not, however, be required by this paragraph to keep confidential any data or information which is or becomes publicly available, is already rightfully in the Contractor's possession, is independently developed by the Contractor outside the scope of the Agreement or is rightfully obtained from third parties.
9. **Non-Assignability** Contractor shall not assign this Agreement or any portion thereof to a third party without the prior written consent of County, and any attempted assignment without such prior written consent in violation of this Section shall automatically terminate this Agreement.
10. **Termination of Agreement** The County Purchasing Agent may, at any time from execution of Agreement, terminate this Agreement, in whole or in part, for the convenience of the County, by giving written notice specifying the effective date and scope of such termination. Termination shall be effective on a date not less than thirty days from notice. In the event of termination, all finished or unfinished documents, data, studies, maps, photographs, reports, and materials (hereafter referred to as materials) prepared by Contractor under this Agreement shall become the property of the County and shall be promptly delivered to the County. In the event of termination, Contractor shall be paid for all work satisfactorily performed until termination, except where the contracting department determines the quality or quantity of the work performed is unacceptable. Such payment shall be that portion of the full payment, which is determined by comparing the work/services completed to the work/services required by the Agreement.
11. **Payment of Permits/Licenses** It shall be the Contractor's responsibility to obtain any license, permit or approval required from any agency for work/services to be performed at his/her own expense, prior to commencement of said work/services or forfeit any right to compensation under this Agreement.
12. **Non-Discrimination** No person shall be excluded from participation in, denied benefits of, or be subject to discrimination under this Agreement on the basis of their race, color, religion, national origin, age, sex, sexual orientation, pregnancy, childbirth or related conditions, medical condition, mental or physical disability or veteran's status. Contractor shall ensure full compliance with federal, state and local laws, directives and executive orders regarding non-discrimination for all employees and Subcontractors under this Agreement. The Contractor shall comply fully with the non-discrimination requirements required by 41 CFR 60-741.5(a), which is incorporated herein as a fully set forth.

Violation of the non-discrimination provisions of this Agreement shall be considered a breach of this Agreement and subject the Contractor to penalties, to be determined by the County Manager, including but not limited to : i) termination of this Agreement; ii) disqualification of the Contractor from bidding on or being awarded a County contract for a period of up to 3 years ; iii) liquidated damages of \$2,500 per violation; iv) imposition of other appropriate contractual and civil remedies and sanctions, as determined by the County Manager.

To effectuate the provisions of this paragraph, the County Manager shall have the authority to i) examine Contractor's employment records with respect to compliance with this paragraph; ii) set off all or any portion of the amount described in this paragraph against amounts due Contractor under the Contract or any Contract between Contractor and County.

Contractor shall report to the County Manager the filing by any person in any court of any complaint of discrimination or the filing by a person of any and all charges with the Equal Employment Opportunity Commission, the Fair Employment and Housing Commission or any other entity charged with the investigation of allegations within 30 days of such filing, provided that within such 30 days such entity has notified Contractor that such charges are dismissed or otherwise unfounded. Such notification shall include the name of the complainant, a copy of such complaint and a description of the circumstance. Contractor shall provide County with a copy of their response to the Complaint when filed.

Section 504 applies only to contractors who are providing services to member of the public. Contractor shall comply with Section 504 of the Rehabilitation Act of 1973, which provides that no otherwise qualified handicapped individual shall, solely by reason of a disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination in the performance of this contract.

13. **Equal Benefits** With respect to the provision of employee benefits, Contractor shall comply with the County Ordinance which prohibits contractors from discriminating in the provision of employee benefits between an employee with a domestic partner and an employee with a spouse.

- 14. **Retention of Records** Contractor shall maintain all records related to this Agreement for no less than three years after the County makes final payment or after termination of this contract and all other pending matters are closed. All records shall be subject to the examination and/or audit by agents of the County, the State of California and/or Federal grantor agencies.
- 15. **Compliance with State, Federal, and Local Laws, regulations, and Ordinances** Contractor and all subcontractors shall ensure compliance with all state, federal and local laws or rules applicable to performance of the work required under this contract, and shall execute all necessary certifications of compliance therewith. Contractor certifies that the Contractor and all the its subcontractors will adhere to and certify compliance with all applicable provisions of San Mateo County Ordinance Code, including without limitation, Chapter 4.106, which regulates the use of disposable food service ware, and Chapter 2.84, which addresses equal benefits.
- 16. **Merger Clause** This Agreement, including Exhibit "A" attached hereto and incorporated herein by reference, constitutes the sole Agreement of the parties hereto and correctly states the rights, duties, and obligations of each party as of this document's date. Any prior agreement, promises, negotiations, or representations between the parties not expressly stated in this document are not binding. All subsequent modifications shall be in writing and signed by the County Purchasing Agent. In the event of a conflict between the terms, conditions, or specifications set forth herein and those in Exhibit "A" attached hereto, the terms, conditions, or specifications set forth herein shall prevail. This Agreement, or facsimile proposal of the Agreement, constitutes the entire Agreement between County and Contractor. Further, liability referenced to in section 6 is limited to Contractor's negligence during the Contractor's performance under this contract.
- 17. **Governing Law** This Agreement, including any exhibit, shall for all purposes be deemed subject to the laws of the State of California, and in the event of a lawsuit concerning this Agreement shall be venued in the County of San Mateo.

THIS CONTRACT IS NOT VALID UNTIL SIGNED BY ALL PARTIES


 Contractor's Signature

6/15/2012
 Date

MELISSA GRIFFIN
 Name (Please Print)

I hereby certify that the services requested are necessary, that the selection process documentation is accurate, that all insurance certificates including Worker's Compensation are on file in this office, that Risk Management has approved any reductions in Contractor's insurance limits below \$1,000,000, and that no work will commence until this document is signed by the County Purchasing Agent.


 Purchasing Agent, County of San Mateo

7-10-12
 Date


 Department or Division Head Approval

7-10-12
 Date


 Department or Division Head Name (Please Print)

4730
 Budget Unit

**COUNTY OF SAN MATEO
AGREEMENT WITH INDEPENDENT CONTRACTOR**

**Agreement No. 47300-12-D013
Exhibit "A"**

Agreement between the County of San Mateo and Genesis Building Services

Use Additional Sheets as Necessary

I. Description of Services to be Performed by the Contractor

Pest control services at various facility locations throughout San Mateo County. See attached Exhibit "B".

II. Amount and Method of Payment

Payment shall be made on a monthly basis upon receipt of a written itemized invoice identifying the County project number, complete scope of work, specific work completed, number of hours involved and breakdown of charges.

In any event, the total payment for services of Contractor shall not exceed \$50,000.00, and the County shall have the right to withhold payment if the County determines that the quantity and/or quality of the work performed is unacceptable.

Contractor agrees that the requirements of this Agreement pertaining to the protection of proprietary rights and confidentiality shall survive termination of this Agreement.

 Contractor's Signature	<u>6/15/2012</u> Date	<u>MELISSA GRIFFINS</u> Contractor's Name (Please Print)	<u>6/15/2012</u> Date
 Department or Division Head	<u>7-10-12</u> Date	<u>Jim Porter</u> Department or Division Head Name (Please Print)	<u>7-10-12</u> Date
 Purchasing Agent, County of San Mateo	<u>7-10-12</u> Date		<u>4730</u> Budget Unit

Exhibit "B"

SERVICES TO BE PROVIDED

1. Performance of all extermination services found necessary will be performed through safe and judicious use of pesticides, traps and other approved techniques. The log book will contain the following information:

- a. Time and Date of service
- b. Condition found.
- c. Treatment provided.
- d. Chemicals used.
- e. Corrections needed.

1.2 Contractor shall: submit, either electronically or a hard copy, a County facilities quarterly usage report showing quantities of any chemicals used at each facility.

2. The Pest Control Operation shall:

- a. Identify what is promoting the pest infestations.
- b. Provide appropriate treatment.
- c. Report conditions found at each location.
- d. Contractor shall provide monthly report indicating the location, date and time, method used for treatment, and the name and quantities of any chemicals used.
- e. The log book will be located in an area agreed upon with the Supervising Stationary Engineer and the Pest Control Operator. Also, mail copies of the inspection Reports and Log Books.

3. The Contractor shall: make as many service calls as may be required to accomplish satisfactory eradication and control. Emergency service without extra charge within 24 hours of call for same shall be provided.

SCOPE OF WORK

1. Work Included. It is the intent of these specifications to supply all labor, material, and equipment and all other services for complete Pest Control Services at various County facilities, as outlined, but not restricted to, in the following manner:

Pest Control Services shall include control of the following pests: ants, crabs, all cockroaches, silver fish, mites, fleas, lice, bees, wasps, house mice, field mice, Norway rats and roof rats.

2. Develop Services and Inspection Schedule identifying:

a. Infestations and Causes

b. Treatment Method

c. Adverse Conditions

d. Recommendation

QUALITY OF WORK

1. It is the intent of this specification that all work performed, as herein required, be done in a manner equal to and in accordance with the best practices of the various trades involved and industry standards. All work shall be performed by personnel certified by the State of California Structural Pest Control Board directly employed and supervised by the Contractor. The Contractor shall be currently licensed by the Structural Pest Control Board of the State of California as an Operator. The Contractor should instruct all employees that they are not required to respond to questions, suggestions or instructions from County employees other than representatives of the Director of Public Works.

2. The Contractor shall submit for County approval complete schedules covering all pest control work to be performed under the contract. The schedules shall include the days and hours of the week(s) for all called-for work at each site. The schedules shall be kept up-to-date by written notification of all changes.

3. IPM Policy: The County anticipates that the contractor selected for this work will provide a written Integrated Pest Management (IPM) plan for pest control chemicals and treatments used at all County facilities within the agreement. The plan should follow the County's IPM Policy (Attachment "C").

MATERIALS USED

1. Material used shall be the latest products developed for the Pest Control Industry and use shall conform to the requirements of the product label as registered and approved by the appropriate agencies of the Federal Government and the State of California.

2. Prior to entering into contract. The successful bidder shall submit to the Department of Public Works a complete list of materials or Material Safety Data Sheets (MDS) to be used by the Contractor for pest control. The list shall state the intended use, complete specifications, and complete safety information for each listed material. (A complete product label may be substituted for the specifications and safety information).

3. Prior to usage of any material listed as a restricted material by the State of California and/or the United States Government, the Contractor shall obtain all necessary permits and authorization for such usage from the County Agricultural Commissioner.

SPECIFICATIONS

1. Service: The County anticipates that the contractor selected for this work will provide service for the prevention and elimination of pests, following an IPM plan. Targeted pest will include cockroaches, rats and mice as well as occasional invading pest such as ants, crickets, spiders, mites (dust, bird, etc.) and flies.

2. Contract Term: The term of the County and firm agreement will be two (2) years and is scheduled to begin on June 1, 2012 and terminate on May 31, 2014. The agreement may provide for up to one (1) additional one-year term if both parties agree to the renewal terms.

3. Hourly Rates: Contractor shall provide hourly rates for normal business hours, after hours and holiday and weekend time.

4. Jail Clearance: Contractor will be required to have servicing staff obtain and maintain proper jail clearance. Employees are subject to a thorough background check in order to gain clearance. Jail clearance is required at The Maguire Correctional Facility, The Women's Correctional Facility, and The Youth Service Center. Clearance needs to be set up in advance through the County's Sheriff Department, at the contractor's expense.

5. Billing: Contractor shall invoice the County using the facility breakdown sheet provided (see attachment "D").

SERVICE AND LOCATIONS

1. Belmont

a. Vocational Rehabilitation Center (2 stories)

Including cafeteria & kitchen areas

550 Quarry Road

2. East Palo Alto

- a. East Palo Alto County Services Building (55,031 sq. ft., 3 stories)

2415 University Avenue

- b. Our Common Ground (5,727 sq. ft., 1 story)

2560 Pulgas Avenue

3. La Honda

- a. Glenwood Juvenile Facility (30,163 sq. ft., 1 story)

Including kitchen area

400 Log Cabin Road

- b. Sheriff's Honor Camp Pomponio (20,242 sq. ft., 1 story) * On Call

Including kitchen area

7620 Alpine Road

4. Pescadero

- a. Cal Fire Pescadero #59 (2,028 sq. ft., 1 story)

1200 PescaderoCreek Road

5. Redwood City

- a. Brenden P. Maguire Correctional Facility (216,874 sq. ft., 6 stories)

Including the kitchen area

330 Bradford Street

- b. Hall of Justice and Records (319,724 sq. ft., 8 stories)

Including Sheriff's Property & Basement Cafeteria Area

400 County Center

c. Our Place (9,300 sq. ft., 1 story)

401 Winslow Street

d. Cohn-Sorenson Law Library (12,424 sq. ft., 2 stories)

710 Hamilton Street

e. County Office Building (116,260 sq. ft., 5 story)

455 County Center

f. County Office Building 2 (142,227 sq. ft., 5 stories)

555 County Center

g. County Motor Pool (1,056 sq. ft., 1 story)

501 Winslow St.

h. County Radio Shop (3,530 sq. ft., 1 story)

501 Winslow St.

i. County Center Parking Structure (312,150 sq. ft., 6 stories)

400 Middlefield Road

j. Human Services Building (26,800 sq. ft., 1 story)

2500 Middlefield Road

k. Fair Oaks/Redwood City Library (3,200 sq. ft., 1 story)

2510 Middlefield Road

l. Fair Oaks Service Center Warehouse (1 story)

2710 Middlefield Road

m. Lodi Work Furlough Facility (18,000 sq. ft., 1 story)

Including kitchen area

1580 Maple Street

n. Women's Correctional Facility (19,218 sq. ft., 2 story)

1590 Maple Street

o. Grant Corporation Yard (42,680 sq. ft., 2 stories)

752 Chestnut Street

p. Cal Fire Edmonds Station #18 (5,266 sq. ft., 2 stories)

300 Edmonds Road

6. San Carlos

a. Circle Star Building 1 (107,100 sq. ft., 4 stories)

1 Circle Star Way

b. Circle Star Building 2 (107,100 sq. ft., 4 stories)

2 Circle Star Way

c. Circle Star Parking Structure (129,000 sq. ft., 2 stories)

3 Circle Star Way

7. San Mateo

a. Dependent Children's Home (5,312 sq. ft., 2 story) *On Call

3701 Hacienda Way (Perimeter ONLY)

b. Central Library (16,596 sq. ft., 1 story)

125 Lessingia Way

c. Election Registration Facility (83,042 sq. ft., 2 stories)

40 Tower Road

d. Youth Service Center Bldgs. 1-16 (122,100 sq. ft., 2 stories)

222 Paul Scannell Way

e. Cal Fire San Mateo/Belmont #17 (18,540 sq. ft., 2 stories)

20 Tower Road

f. Crime Lab (28,500 sq. ft., 1 story)

50 Tower Road

g. Receiving Home (12,692 sq. ft., 1 story)

31 Tower Road

h. Camp Kemp (19,665 sq. ft., 1 story) *On Call

400 Paul Scannell Way

8. South San Francisco

a. North County District Probation Office (13,814 sq. ft., 2 stories)

1024 Mission Road

b. North County Pre-arraignment and Detention Facility (13,375 sq. ft., 2 stories)

1040 Mission Road

c. Safe Harbor Homeless Shelter (near SF Airport) (7,430 sq. ft., 2 stories)

295 North Access Road

9. Woodside

a. Cal Fire Skylonda #58 (8,612 sq. ft., 2 stories)

17290 Skyline Blvd.

10. THE FOLLOWING KITCHENS WILL BE SERVICED AT LEAST BI-WEEKLY

a. Brenden P. Maguire Correctional Facility

330 Bradford Street

b. Sheriff's Work Furlough

1580 Maple Street

c. Youth Service Center & Inside Cafeteria Area (Bldg. 5)

30 Loop Road

d. Hall of Justice and Records

Basement Cafeteria Area

400 County Center

County of San Mateo

Integrated Pest Management (IPM) Policy

GOAL

The County of San Mateo (County) seeks to protect the health and safety of its employees and the general public, the environment and water quality, as well as to provide sustainable solutions for pest control, through the reduced use of pesticides on property owned or managed by the County to the maximum extent practicable.

IMPLEMENTATION

1. Employees implementing pest management operations will use Integrated Pest

Management (IPM) techniques that emphasize non-pesticide alternatives where feasible and, when necessary, employ the least toxic chemicals. Preference will be given to IPM certified contractors or contractors who implement IPM. County departments and their contractors that apply pesticides will develop and maintain an active IPM Plan to ensure the long-term prevention and suppression of pest problems with minimum negative impacts on the health and safety of the community and environment. The County will track employee and contractor pesticide use and prepare an annual report summarizing pesticide use and evaluating pest control activities performed.

2. The County shall encourage pilot projects to demonstrate landscape and structural pest control alternatives, seeking to use the most recent technology, best management practices and least toxic methods for all pest control measures. Pilot projects should include an objective analysis of the effectiveness of the alternative techniques applied.

3. The County will review its purchasing procedures, contracts or service agreements with pesticide applicators and employee training practices to determine what changes can be made to support the goal of pesticide reduction and promote the purchase and use of the least harmful chemicals.

4. The County will perform educational outreach and/or support Countywide or regional efforts to educate residential and commercial pesticide users on a) goals and techniques of IPM, and b) pesticide related water quality issues.

5. The contractor shall be IPM certified or in the process of obtaining an IPM certification within 6 months of the Contract signing. The first method of treatment shall be using the best IPM methods to control and or eradicate pests within County facilities. Pesticides with the least amount of toxic chemicals shall be used only if the IPM methods are found to be ineffective or economically infeasible.

DEFINITIONS

Pesticides are defined as: any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest. Pests can be insects, rodents and other animals, unwanted plants (weeds), bacteria or fungi. The term pesticide applies to herbicides, fungicides, insecticides, rodenticides, molluscicides and other substances used to control pests. Antimicrobial agents are not included in this definition of pesticides. In general, the intent of antimicrobial agents is to reduce or mitigate the growth or development of microbial organisms.

Integrated Pest Management (IPM) is an ecosystem-based strategy that focuses on long term prevention of pests or their damage through a combination of techniques such as biological control, habitat manipulation, modification of cultural practices, and use of resistant varieties. Pesticides shall be used only if the above techniques are found to be either ineffective or economically infeasible. Pesticide use shall be in accordance with established guidelines, and treatments shall be made with the goal of removing only target organisms. Pest control materials shall be selected and applied in a manner that minimizes risks to human health, beneficial and non-target organisms, and the environment.

IPM techniques could include biological controls (e.g., ladybugs and other natural enemies or predators); physical or mechanical controls (e.g., hand labor or mowing); cultural controls (e.g., mulching, discing, or alternative plant type selection); and reduced risk chemical controls (e.g., soaps or oils).

County owned or managed property includes but is not limited to: parks and open space; golf courses; roadsides; landscaped medians; flood control channels; buildings, structures, and other outdoor property owned or managed by the County.

4/25/2012



Pest Control Division

P.O. Box 25360
San Mateo, CA 94402p 800.547.2847
f 800.547.2801

April 25, 2012

Mr. Gary Behrens
Facility Services Manager
Department of Public Work – County of San Mateo
455 County Center, Basement
Redwood City, CA 94063

RE: Pest Control Proposal
Multiple Locations

Dear Mr. Behrens:

It is a pleasure to provide a proposal to continue pest control for multiple San Mateo County locations.

Per our conversation we have also evaluated the contract for a more in depth Integrate Pest Management (IPM) program. To be clear, we currently follow an IPM program at these locations. The current program factors in a low level tolerance for pest activity. We are offering an increased level of IPM at no additional charge. Upon awarding of the contract we will work with you to define the tolerance level for pest activity and customize a program to best suit the property.

Regardless of your program choice, all future services will be tracked through our web-based CRM, Sales Force. See the Exhibit section for more details on the benefits of this system.

I thank you again for this opportunity to continue service. Please contact me if you have any questions or concerns.

Sincerely,

Tom Wisely
Pest Service Manager
tom@2genesis.com
415.706.9905

GENESIS PEST CONTROL SERVICE LIST

<u>NAME</u>	<u>ADDRESS</u>	<u>FACILITY CODE</u>	<u>ZONE</u>	<u>STORIES</u>	<u>SQ. FT.</u>	<u>COST IPM ONLY</u>	<u>COST IPM & CHEMICAL</u>
EAST PALO ALTO							
East Palo Alto County Services Building	2415 University Ave.	F18352	3	3	55,031	\$30	\$30
Our Common Ground	2560 Pulgas Ave.	F38361	3	1	5,727	\$50	\$50
LAHONDA							
Glenwood Juvenile Facility (w/ kitchen)	400 Log Cabin Rd.	F68651	3	1	30,163	\$50	\$50
PESCADERO							
Cal Fire Pescadero #59	1200 Pescadero Creek Rd.	F98981	3	1	2,028	\$50	\$50
REDWOOD CITY							
Brenden P. Maguire Correctional Facility (w/ kitchen)	330 Bradford St.	F59066	1	6	216,874	\$80	\$80
Hall of Justice and Records (w/ kitchen)	400 County Center	F19062	1	8	319,724	\$70	\$70
Our Place	401 Winslow St.	F99075	1	1	9,300	\$45	\$45
Cohn-Sorenson Law Library	710 Hamilton St.	F99273	1	2	12,424	\$30	\$30
County Office Building	455 County Center	F19071	1	5	116,260	\$30	\$30
County Office Building 2	555 County Center	F19074	1	5	142,227	\$30	\$30
County Motor Pool	501 Winslow St.	F09072	1	1	1,056	\$30	\$30
Radio Shop	501 Winslow St.	F09073	1	1	3,530	\$30	\$30
County Center Parking Structure	400 Middlefield Rd.	F99079	1	6	312,150	\$30	\$30
Human Services Building	2500 Middlefield Rd.	F19260	3	1	26,800	\$30	\$30
Fair Oaks/RWC Library	2510 Middlefield Rd.	F09261	3	1	3,200	\$30	\$30
Lodi Work Furlough Facility	1580 Maple St.	F59141	3	1	18,000	\$30	\$30
Women's Correctional Facility (w/ kitchen)	1590 Maple St.	F59201	3	2	19,218	\$50	\$50
Grant Corporation Yard	752 Chestnut St.	F09101	3	2	42,680	\$60	\$60
Cal Fire Edmonds Station #18	300 Edmonds Rd.	F09122	3	2	5,266	\$50	\$50
SAN CARLOS							
Circle Star Building 1	1 Circle Star Way	F19371	1	4	107,100	\$50	\$50
Circle Star Building 2	2 Circle Star Way	F19372	1	4	107,100	\$50	\$50
Circle Star Parking Structure	3 Circle Star Way	F99373	1	2	129,000	\$50	\$50
SAN MATEO							

Central Library	125 Lessingia Way	F79452	3	1	16,596	\$30	\$30
Election-Registration Facility	40 Tower Rd.	F89522	3	2	83,042	\$30	\$30
Youth Service Center Bldgs. 1-16 (w/ kitchen)	222 Paul Scannell Way	F19401	3	2	122,100	\$300	\$300
Crime Lab	50 Tower Rd.	F39433	3	1	28,500	\$60	\$60
Receiving Home	31 Tower Rd.	F69414	3	1	12,692	\$50	\$50
Cal Fire San Mateo/Belmont #17	20 Tower Rd.	F99421	3	2	18,540	\$50	\$50

SOUTH SAN FRANCISCO

North County District Probation Office	1024 Mission Rd.	F19671	3	2	13,814	\$30	\$30
No. County Pre-arraignment & Detention Facility	1040 Mission Rd.	F59711	3	2	13,375	\$30	\$30
Safe Harbor Homeless Shelter (near SF Airport)	295 North Access Rd.	F09674	3	2	7,430	\$75	\$75

WOODSIDE

Cal Fire Skylonda #58	17290 Skyline	F99631	3	2	8,612	\$50	\$50
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ON CALL**BELMONT**

Vocational Rehabilitation Center (On Call)	550 Quarry Road	F08075	3	2	n/a	\$75	\$75
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LA HONDA

Sheriff's Honor Camp Pomponio (closed) (On Call)	7620 Alpine Rd.	F58661	3	1	20,242	\$75	\$75
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REDWOOD CITY

Fair Oaks Service Center Warehouse (On Call)	2710 Middlefield Rd.	F09257	3	1	n/a	\$75	\$75
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SAN MATEO

Dependant Children's Home (closed)(On Call)	3701 Hacienda Way	F39471	3	2	5,312	\$75	\$75
Camp Kemp (closed) (On Call)	400 Paul Scannell Way	F69415	3	1	19,665	\$75	\$75

HOURLY RATES

Normal	\$75.00
Weekend	\$90.00
After Hours	\$90.00
Holidays	\$125.00

**County of San Mateo
Contractor's Declaration Form**

I. CONTRACTOR INFORMATION

Contractor Name:	GENESIS BUILDING SERVICES	Phone:	800.547.2847
Contact Person:	TOM WISELY	Fax:	800.547.2801
Address:	916 SOUTH CLAREMONT STREET SAN MATEO, CA 94402	Number of employees:	

II. EQUAL BENEFITS (check one or more boxes)

Contractors with contracts in excess of \$5,000 must treat spouses and domestic partners equally as to employee benefits.

- Contractor complies with the County's Equal Benefits Ordinance by:
- offering equal benefits to employees with spouses and employees with domestic partners.
 - offering a cash equivalent payment to eligible employees in lieu of equal benefits.
- Contractor does not comply with the County's Equal Benefits Ordinance.
- Contractor is exempt from this requirement because:
- Contractor has no employees, does not provide benefits to employees' spouses, or the contract is for \$5,000 or less.
 - Contractor is a party to a collective bargaining agreement that began on _____ (date) and expires on _____ (date), and intends to offer equal benefits when said agreement expires.

III. NON-DISCRIMINATION (check appropriate box)

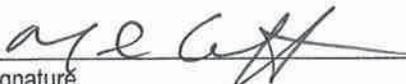
- Finding(s) of discrimination have been issued against Contractor within the past year by the Equal Employment Opportunity Commission, Fair Employment and Housing Commission, or other investigative entity. Please see attached sheet of paper explaining the outcome(s) or remedy for the discrimination.
- Finding(s) of discrimination have been issued against Contractor within the past year by the Equal Employment Opportunity Commission, Fair Employment and Housing Commission, or other investigative entity.
- No finding of discrimination has been issued in the past year against the Contractor by the Equal Employment Opportunity Commission, Fair Employment and Housing Commission, or any other entity.

IV. EMPLOYEE JURY SERVICE (check one or more boxes)

Contractors with original or amended contracts in excess of \$100,000 must have and adhere to a written policy that provides its employees living in San Mateo County up to five days regular pay for actual jury service in the County.

- Contractor complies with the County's Employee Jury Service Ordinance.
- Contractor does not comply with the County's Employee Jury Service Ordinance.
- Contractor is exempt from this requirement because:
- the contract is for \$100,000 or less.
 - Contractor is a party to a collective bargaining agreement that began on _____ (date) and expires on _____ (date), and intends to comply when the collective bargaining agreement expires.
 - Contractor has no employees.
 - Contractor has no employees who live in San Mateo County.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am authorized to bind this entity contractually.


Signature

6/15/12
Date

MELISSA GRIFFIN
Name

OFFICE MANAGER
Title

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

COMMERCIAL GENERAL LIABILITY ENHANCEMENT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART



Coverage Summary*

Section Identifier	Section Title	
A.	Additional Insured by Written Contract, Written Agreement or Permit	Included
B.	Additional Insured – Broad Form Vendors	Included
C.	Additional Insureds – Board Members and Officers	Included
D.	Additional Insureds – Newly Acquired or Formed Organizations	Included
E.	Additional Insureds – Professional Services (Incidental Malpractice)	Included
F.	Aggregate Limits – “Work Site”	Included
G.	Alienated Premises	Included
H.	“Bodily Injury” Redefined	Included
I.	Property Damage Liability Amendment – Borrowed Equipment, Customers Goods and Use of Elevators	Included
J.	Knowledge of Occurrence and Failure to Notify	Included
K.	Medical Payments – Increased Limit	\$10,000
L.	Mobile Equipment Redefined	Included
M.	Expected or Intended Injury Amendment	Included
N.	Non-Owned Aircraft, Hired, Chartered or Loaned With Paid Crew	Included
O.	Non-Owned Watercraft	51 feet
P.	Personal Injury – Broad Form	Included
Q.	Product Recall Expense	\$100,000
R.	Damage to Premises Rented To You	\$300,000
S.	Supplementary Payments Increased Limits	
	- Bail Bonds	\$2,500
	- Loss Of Earnings	\$1,000
T.	Premium Audit Amendment	Included
U.	Unintentional Errors and Omissions	Included
V.	Voluntary Property Damage (Your Work)	Included
W.	Worldwide Coverage Territory	Included

*Refer to endorsement language for coverage details.

With respect to coverage provided by this Endorsement, the provisions of the Commercial General Liability Coverage Part apply unless modified by this endorsement.

A. ADDITIONAL INSURED BY WRITTEN CONTRACT, WRITTEN AGREEMENT OR PERMIT

The following is added to **SECTION II – WHO IS AN INSURED:**

4. Additional Insured by Written Contract, Written Agreement or Permit

- a. Any person or organization with whom you agreed, because of a written contract, written agreement or permit, is an insured, but only with respect to:
- (1) "Your work" for the additional insured(s) at the location designated in the contract, agreement or permit.
 - (2) Facilities owned or used by you.

This insurance applies on a primary basis if that is required by the written contract, written agreement or permit.

- b. This provision does not apply:

- (1) Unless the written contract or written agreement has been executed or permit has been issued prior to the "bodily injury," "property damage," or "personal and advertising injury."
- (2) To any person or organization included as an insured by an endorsement issued by us and made part of this Coverage Part.
- (3) To any person or organization included as an insured under item **B.** of this endorsement.
- (4) To any lessor of equipment:
 - (a) after the equipment lease expires; or
 - (b) if the "bodily injury," "property damage," or "personal and advertising injury" arises out of sole negligence of the lessor.
- (5) To any:
 - (a) Owners or other interests from whom land has been leased which takes place after the lease for that land expires; or
 - (b) Managers or lessors of premises if:
 - i. the occurrence takes place after you cease to be a tenant in that premises; or
 - ii. the "bodily injury," "property damage," or "personal and advertising injury" arises out of structural alterations, new construction or demolition operations performed by or on behalf of the manager or lessor.

B. ADDITIONAL INSURED – BROAD FORM VENDORS

The following is added to **SECTION II – WHO IS AN INSURED:**

5. Any person or organization (referred to below as vendor) with whom you agreed, because of written contract or written agreement to provide insurance, but only with respect to "bodily injury" or "property damage" arising out of "your products" which are distributed or sold in the regular course of the vendor's business, subject to the following additional exclusions:

- a. The insurance afforded the vendor does not apply to:
- (1) "Bodily injury" or "property damage" for which the vendor is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages that the vendor would have in the absence of the contract or agreement;
 - (2) Any express warranty unauthorized by you;
 - (3) Any physical or chemical change in the product made intentionally by the vendor;
 - (4) Repackaging, except when unpacked solely for the purpose of inspection, demonstration, testing, or the substitution of parts under instructions from the manufacturer, and then repackaged in the original container;
 - (5) Any failure to make such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products;



COUNTY OF SAN MATEO

555 COUNTY CENTER, 5TH FLOOR • REDWOOD CITY • CALIFORNIA 94063-1665 • PHONE (650) 363-4100 • FAX (650) 361-8220

July 10, 2012

Genesis Building Services
P.O. Box 25360
San Mateo, CA 94402

RE: Agreement with Independent Contractor No. 47300-12-D013

Enclosed is the fully executed Agreement with Independent Contractor No. 47300-12-D013
Please include this contract agreement number on all invoices and correspondence.

If you have any questions, or require any further information, please do not hesitate to contact
me at (650)599-1426.

Sincerely,

Oristela Guidos
Contract Administrator
San Mateo County
Department of Public Works

Encl: Agreement with Independent Contractor

cc: Gary Behrens, Facilities Services Manager

**AGREEMENT WITH WEST COAST WILDLANDS, INC. FOR SERVICES WITH
RESPECT TO THE SAN BRUNO MOUNTAIN HABITAT CONSERVATION PLAN
2013-2014**

This Agreement entered into this 26 day of June, 2013, by and between COUNTY MANAGER OF THE COUNTY OF SAN MATEO, THE CITY MANAGERS OF THE CITIES OF BRISBANE, DALY CITY, and SOUTH SAN FRANCISCO, each acting in his or her official capacity, as Trustees of the San Bruno Mountain Habitat Conservation Trust (“TRUSTEES”), and WEST COAST WILDLANDS, INC. (“CONTRACTOR”).

W I T N E S S E T H

WHEREAS, the Trustees have previously executed a Trust Agreement creating a Trust (“Trust”) and Trust Fund, for the purpose of carrying out the purposes and provisions of the Habitat Conservation Plan (HCP) recorded in the official records of San Mateo County as Document No. 83028231 and the Agreement with Respect to the San Bruno Mountain Area Habitat Conservation Plan (HCP Agreement) recorded in the official records of San Mateo County as Document No. 83026343; and

WHEREAS, section VI (A)(1) of the HCP Agreement provides that the San Bruno Mountain Habitat Conservation Trust shall be administered “solely for the purpose of providing the County with funds for the protection and enhancement of the Species of Concern by the operation, maintenance and enhancement of the Conserved Habitat for such purposes, as set out in greater detail in said Trust Agreement”; and

WHEREAS, the Trust Agreement authorizes the Trustees to enter into such contracts as are necessary to carry out the purposes of the Trust; and

WHEREAS, the work to be done under this agreement is for the purpose of implementing the HCP and HCP Agreement;

NOW, THEREFORE, IT IS HEREBY AGREED by the parties as follows:

1. **Services to be performed by Contractor.** In consideration of the payments hereinafter set forth, CONTRACTOR shall perform services for the Trust in accordance with the terms, conditions and specifications set forth herein and in the Proposed Work Scope Fiscal Year 2013/2014, attached as Exhibit "A" hereto and by this reference made a part hereof. Services shall be performed generally in accordance with the proposed budget set forth in Exhibit "A". The maximum amount payable under this contract shall be \$103, 373.

Payments shall be made for services actually performed in each "task" category shown at Table 1 of Exhibit "A", at the rates stated in Exhibit "B," attached hereto and by this reference made a part hereof. Payment shall be made for services performed from July 1, 2013, to June 30, 2014. Payment in any "task" category may not exceed the amount budgeted for that category, subject to the qualification that the amount budgeted for one task category may be increased by ten percent (10%) so long as one or more other task categories are decreased by a like dollar amount.

2. **Evaluation of Services to be Performed by Contractor.** CONTRACTOR'S performance will be evaluated, among other things, for compliance with the specific tasks set forth in the Work Scope, attached hereto as Exhibit "A" and incorporated herein by reference. CONTRACTOR shall meet as necessary with County staff. At such meetings, CONTRACTOR shall be prepared to discuss progress made to date in fulfilling the tasks set forth in Exhibit "A" and any other issues of importance to implementation of the goals and objectives of the Habitat Conservation Plan. In addition, CONTRACTOR shall meet quarterly with the technical advisory

committee formed at the direction of TRUSTEES for the purpose of reviewing and taking input on the specific tasks provided in the Work Scope. The required quarterly progress meetings with County Staff may be combined with meetings with the technical advisory committee.

CONTRACTOR will submit a written Year End Report summarizing the activities conducted under this Agreement during the prior year and addressing the level of success achieved with respect to each of the tasks set forth in Exhibit “A,” as such tasks may be revised pursuant to this section.

3. **Payments.** Payments shall be made at the rates stated in Exhibit “B”. Payments shall be made in arrears upon the submission of an invoice showing the amount of hours expended and the payment due for each task category and sub-category. Invoices shall be submitted at least quarterly. The final invoice for work performed under this contract will be submitted within thirty (30) days of the end of the contract term.

Notwithstanding the above, in order to provide continuity in the work provided for under this Agreement, CONTRACTOR may continue to provide services under the terms of this Agreement, and within the budget provided for in this Agreement, up to and including the date a new Agreement for Habitat Manager Services is entered into for fiscal year 2014–2015, or July 15, 2014, whichever date is earlier. In such event, the fiscal invoice for such work will be submitted no later than thirty (30) days after such services are completed.

CONTRACTOR may submit invoices for services provided under the Agreement for Services with respect to the San Bruno Mountain Habitat Conservation Plan for fiscal year 2012–2013, up to and including the date this Agreement is entered into, so long as such services are within the budget for fiscal year 2012–2013. In such event, the fiscal invoice for such work will be submitted no later than thirty (30) days after the date this Agreement is entered into.

4. **Relationship of the Parties.** It is understood that this is an agreement by and between independent contractors and is not intended to, and shall not be construed to, create the relationship of agent, servant, employee, partnership, joint venture or association, or any other relationship whatsoever other than that of independent contractor.

5. **Non-Assignability.** CONTRACTOR shall not assign this Agreement, or any portion thereof, or any of its rights or obligations under this Agreement, to a third party without the prior written consent of the TRUSTEES, and any attempted assignment without such prior written consent in violation of this section automatically shall terminate this Agreement.

6. **Contract Term.** This Agreement shall be in effect upon execution by all parties, and shall expire on June 30, 2014, subject to extension as specified in Section 3, above. TRUSTEES may terminate this contract at any time for any reason by providing thirty (30) days notice to CONTRACTOR, termination to be effective on the date specified in the notice. In the event of termination under this paragraph, CONTRACTOR shall be paid for all work provided to the date of termination.

7. **Hold Harmless.** The CONTRACTOR shall indemnify and save harmless the SAN BRUNO MOUNTAIN HABITAT CONSERVATION TRUST, and its TRUSTEES, officers, agents, employees and servants from all claims, suits or actions of every name, kind and description, brought for, or on account of (A) injuries to or death of any person, including CONTRACTOR, or (B) damage to any property of any kind whatsoever and to whomsoever belonging, or (C) by reason of any failure to withhold and/or pay to the government income and/or employment taxes from earnings under this contract as made necessary by federal or state law, resulting from the performance of any work required of CONTRACTOR or payments made pursuant to this agreement. In the event of concurrent negligence of the SAN BRUNO

MOUNTAIN HABITAT CONSERVATION TRUST, and its TRUSTEES, officers, agents, employees and servants, and CONTRACTOR, its officers, agents and employees, or any of them, any liability shall be apportioned according to the California theory of comparative negligence.

The duty of the CONTRACTOR to indemnify and save harmless as set forth herein, shall include the duty to defend as set forth in Section 2778 of the California Civil Code.

8. **Insurance.** The CONTRACTOR shall not commence work under this Agreement until all insurance required under this section has been obtained and such insurance has been approved by the San Mateo County Director of Parks (“DIRECTOR”). The CONTRACTOR shall furnish the DIRECTOR with Certificates of Insurance evidencing the required coverage and there shall be a specific contractual liability endorsement extending the CONTRACTOR’s coverage to include the contractual liability assumed by the CONTRACTOR pursuant to this Agreement. These Certificates shall specify or be endorsed to provide that thirty (30) days notice must be given, in writing, to the TRUSTEES of any pending change in the limits of liability or of non-renewal, cancellation, or modification of the policy.

Workers’ Compensation and Employer Liability Insurance: The CONTRACTOR shall have in effect, during the entire life of this Agreement, Workers’ Compensation and Employer Liability Insurance providing full statutory coverage. In signing this Agreement, the CONTRACTOR makes the following certification, required by section 1861 of the California Labor Code:

I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for Workers’ Compensation or to undertake self-insurance in accordance with the provisions of the Code, and I will comply with such

provisions before commencing the performance of this work of the Agreement.

Liability Insurance: The CONTRACTOR shall take out and maintain during the life of this Agreement such Bodily Injury Liability and Property Damage Liability Insurance as shall protect him while performing work covered by this Agreement from any and all claims for damages for bodily injury, including accidental death, as well as any and all operations under this Agreement, whether such operations be by himself or by any sub-contractor or by anyone directly or indirectly employed by either of them. Such insurance shall be combined single limit bodily injury and property damage for each occurrence and shall be not less than \$1,000,000 unless another amount is specified below.

Required insurance shall include:

- a. Comprehensive General Liability \$1,000,000
- b. Motor Vehicle Liability Insurance \$1,000,000
- c. Workers' Compensation \$Statutory

The San Bruno Mountain Habitat Conservation Trust, its Trustees, officers, agents, employees and servants shall be named as additional insureds on any such policies of insurance, which shall also contain a provision that the insurance afforded thereby to the Trust, its Trustees, officers, agents, employees and servants shall be primary insurance to the full limits of liability of the policy, and that if the Trust, or its Trustees, officers, and employees have other insurance against a loss covered by such a policy, such other insurance shall be excess insurance only.

In the event of the breach of any provision of this section, or in the event any notice is received which indicates any required insurance coverage will be diminished or canceled, the TRUSTEES, at their option, may, notwithstanding any other provision of this Agreement to the

contrary, immediately declare a material breach of this Agreement and suspend all further work pursuant to this Agreement.

9. **Nondiscrimination.**

Nondiscrimination - General. No person shall, on the grounds of age (over 40), ancestry, creed, color, disability, marital status, medical condition, national origin, political or religious affiliation, race, sex, sexual orientation or any non-job-related criteria be excluded from participation in, or be denied the benefits, or be subjected to discrimination under this AGREEMENT.

Nondiscrimination - Employment. CONTRACTOR shall ensure equal employment opportunity based on objective standards of recruitment, selection, promotion, classification, compensation, performance evaluations, and management relations, for all employees under this AGREEMENT. CONTRACTOR's affirmative action policies shall be made available to TRUSTEES upon request.

10. **Access To Records.** CONTRACTOR shall at all times keep a complete and thorough record of the services and time expended on behalf of the Trustees. The TRUSTEES shall have access to any books, documents, papers, and records of the CONTRACTOR which are directly pertinent to this contract for the purpose of making audit, examination, excerpts, and transcriptions.

11. **Rights in Data.** All data and rights-in-data will be the property of the TRUSTEES. All maps, correspondence, reports, records of meetings or telephone conversations, photographic negatives, photographic prints, computer output, and magnetic storage media prepared by or obtained by CONTRACTOR in the course of work under this Agreement shall be the property of TRUSTEES. TRUSTEES may request CONTRACTOR to provide the originals of all such

material in fulfillment of this Agreement. CONTRACTOR may retain a copy of such property at its own expense subject to the conditions set forth herein. CONTRACTOR will supply TRUSTEES with electronic and hard copies of data on an annual basis.

12. **Conflict of Interest.** CONTRACTOR covenants that he presently has no interest and shall not acquire any interest, direct or indirect, that would conflict in any manner or degree with the performance of services required to be performed under this Agreement.

CONTRACTOR further covenants that, in the performance of this contract, no persons having any such interest shall be employed.

13. **Prohibited Activity by Contractor.** On and after the effective date of this Agreement, CONTRACTOR shall be prohibited from entering into any agreement with any owner or developer of land identified as a Developable Administrative Parcel within the Habitat Conservation Plan area to act as a consultant for the purpose of providing planning assistance and/or conducting environmental review. Further CONTRACTOR shall be prohibited from serving as a sub-consultant to any consultant retained by an owner or developer of land identified by a Developable Administrative Parcel within the HCP area for the purpose of planning assistance and/or conducting environmental review. The prohibition herein shall not preclude CONTRACTOR from providing planning assistance or participating in environmental review with regard to any Developable Administrative Parcel through the auspices of the County acting as Plan Operator, or through the County or any of the Cities acting as Lead Agency for purposes of environmental review under the California Environmental Quality Act.

14. **Merger Clause.** This Agreement constitutes the sole agreement of the parties hereto and correctly states the rights, duties and obligations of each party as of the document's date. Any prior agreement, promises, negotiations or representations between prior agreement,

promises, negotiations or representations between the parties not expressly stated in this document are not binding. All subsequent modifications shall be in writing and signed by the Trustees. In the event of a conflict between the terms, conditions or specifications set forth herein and those in Exhibit "A" attached hereto, the terms, conditions or specifications set forth herein shall prevail.

IN WITNESS WHEREOF, the parties hereto have affixed their hands on the day and year first above written.

WEST COAST WILDLANDS, INC.

Dated: JUNE 26 2013

By: 
Mike Forbert, President

94-3340063.
Contractor's Tax I.D. Number
or Social Security Number

PO Box 1057

Pacific, CA. 94044-6057.
Contractor Address

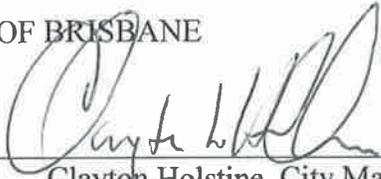
SAN BRUNO MOUNTAIN HABITAT
CONSERVATION TRUST, COUNTY OF
SAN MATEO

Dated: 4/26/2013

By: 
John Malbie, County Manager
County of San Mateo, Trustee

CITY OF BRISBANE

Dated: _____

By:  _____
Clayton Holstine, City Manager,
Trustee

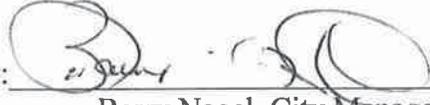
CITY OF DALY CITY

Dated: _____

By:  _____
Patricia Martel, City Manager,
Trustee

CITY OF SOUTH SAN FRANCISCO

Dated: 6-26-13

By:  _____
Barry Nagel, City Manager,
Trustee

TJF
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EXHIBIT A

**SAN BRUNO MOUNTAIN AREA
HABITAT CONSERVATION PLAN**

OPERATING BUDGET AND WORK SCOPE

**FOR HABITAT MAINTENANCE
AND EXOTICS CONTROL EFFORTS**

FISCAL YEAR: JULY 1, 2013 - JUNE 30, 2014

Prepared by:

**West Coast Wildlands
P.O. Box 1057
Pacifica, CA 94044-6057
(650) 355-3589**

FINAL

May 2013

Submitted To:

**San Bruno Mountain Area
Habitat Conservation Plan Trustees**

PROPOSED WORK SCOPE FISCAL YEAR 2013/2014

A description for each task within the work program to be completed by West Coast Wildlands, Inc. and is provided below. See Exhibit B: 'Cost Summary for Fiscal Year 2013/2014' for the proposed budget of each task. West Coast Wildlands, Inc., (WCW) billing rates are provided at the end of this document.

A. PROGRAM MANAGEMENT

A.1. Administration and Project Supervision

Tasks under Administration and Project Supervision include all hourly time required to attend meetings, respond to requests for information, communicate with the Habitat Manager and other contractors, and prepare the annual budget. Tasks will be completed primarily by a Biologist (\$55/hour), with support from the Senior Biologist (\$75/hour).

This budget includes time for attendance to: the annual HCP Trustees Meeting, four TAC meetings, and four field meetings. If attendance to more than the above stated meetings is requested by the Project Manager (San Mateo County Department of Parks), a separate contract on a time and materials basis will be needed. Other tasks include the Administration and Project Supervision for preparation of WCW's annual budget and invoicing.

A.2. Annual Report Preparation and Data Analysis

The Section 10(a)(1)(B) Permit requires the submission of an annual report describing activities conducted under the permit for the calendar year. WCW will prepare and submit the annual report to the USFWS by January 31, 2014. WCW will prepare and submit an annual report to the Habitat Manager (County of San Mateo) by December 31, 2013. This report will include invasive control work, restoration work, vegetation changes, and all other significant activities on the Mountain that relate to the HCP habitat management program for the calendar year 2013. This report can be included in the required Annual Permit Report sent to the USFWS by January 31, 2014.

West Coast Wildlands' preparation and data analysis for the Annual Permit Report is completed by a Biologist (\$55/hour), with support from the Senior Biologist (\$75/hour).

A.3. Supervise Invasive Plant Control Work

WCW will supervise day-to-day operations of the invasive plant control program on San Bruno Mountain (Figure 1). Tasks include planning invasive plant control, directing hand and herbicide work, and meetings with subcontractors, County staff, and San Bruno Mountain volunteers.

Invasive plant control work through the use of herbicide and hand weeding has been the primary tool for protecting and restoring the plant communities of San Bruno Mountain.

Weed control for most areas are conducted 2-3 times per year, with an initial treatment, a 3-6 weeks follow-up treatment, and a third follow-up 4-6 months as necessary. Monitoring at individual sites will determine the appropriate specific timing for follow-up treatments.

A.4. Technical Advisory Committee (TAC)

The Technical Advisory Committee is comprised of representatives of the San Mateo County Parks Department, San Bruno Mountain volunteer groups, contractors and habitat management biologists. The group met in the field the first week of May to discuss the FY2013/2014 work scope of the San Bruno Mountain HCP Habitat Maintenance Plan as proposed by Mike Forbert, biologist, West Coast Wildlands, Inc. The second meeting in May of 2013 will discuss the changes to the Plan for the upcoming fiscal year within the San Bruno Mountain Management Units (Figure 1) include increasing the exotic plant control efforts at the South East Ridge (SER), South Slope (SS), Ridge Line East, Tank and Juncus Ravines and remainder lands due to the expanding *Oxalis pes-caprae* infestation (Figure 2). Aggressive control on the *Oxalis pes-caprae* is set for this fiscal year's winter months. The ongoing *Oxalis* Restoration Project with San Bruno Mountain Watch stewardship group is included in the Optional Tasks section with the Annual Vegetation Management Plan. The two restoration sites are within the *Oxalis pes-caprae* control treatment areas and adjacent to endangered butterfly habitat (Figure 3).

B. *Oxalis pes-caprae* Control

Oxalis pes-caprae is a low growing rhizomatous plant that has the potential to decimate perennial grasslands where most of the endangered butterfly habitat host and nectar plants are located. Common names are Bermuda buttercup or sour grass. The plant does not spread by seeds and have small bulblets that over winter. These bulblets are consumed by rodents or are washed down slope during the rainy season. The plants can occur in new areas of open space without known vectors or source of spread. The plants biggest threat is the suppression of native grasses, forbs and herbs when an infestation moves into an area. This has a direct effect on the endangered butterfly's host and nectar plants on San Bruno Mountain.

The greatest concentration of *Oxalis*, on San Bruno Mountain, is found in the Hillside management areas (which includes the Tank Ravine management area). *Oxalis* is also found along the Ridge Trail growing under scrub vegetation, South Slope Ravine and along a ridge trail from the Ranger's Station to the terminus of Hoffman Street (Daly City). Other, smaller infestations (Dairy Ravine, Radio Road, and below Brisbane Water Tank) are already treated as part of the general budget and work plan. Treatment is scheduled for all previously treated sites, as well as new sites observed down slope of the Ridge Trail in South Slope Ravine and the Remainder lands.

The *Oxalis* control project treated a total of 13 acres in the winter of 2012/2013 and mapped using GPS at five photo stations, established in December 2011, for documentation while treating the infestations. West Coast Wildlands will expand the treatment areas to include historical sites and emerging infestations.

C. HABITAT MAINTENANCE AND ENHANCEMENT BY MANAGEMENT UNITS

The San Bruno Mountain State and County Park is divided into thirteen Management Units (Figure 1) each with a specific name representative of their location. The Management Units from East to West are: Reservoir Hill, April Brook, Saddle, Dairy and Wax Ravines, Devils Arroyo, Southwest Slope, Hillside/Juncus, Carter/Martin, Northeast Ridge, Owl and Buckeye Canyons, South Slope, Brisbane Acres and Southeast Ridge.

Habitat maintenance and enhancement within the management units involves removal of high priority invasive pest plants in order to maintain or enhance existing native plant communities. Although the primary purpose of invasive weed control is to protect and maintain the best possible butterfly habitat, control work is also done in native habitat areas that do not support the butterflies but are hosting particularly noxious weeds that can migrate into their habitat. The areas adjacent to the Park boundary are seed sources for the weeds being controlled within the Management Units (MU) and there will always be some effort required to maintain a weed-free butterfly habitat.

For the past 28 years, the invasive weed control program has gradually expanded to cover most of the grassland habitat on the Mountain and includes other biological significant areas. Our efforts will continue in areas that had ongoing weed control work and in areas that support important habitat for the endangered species, rare plants, and special status plant communities. The Invasive control effort is proposed in 31 specific sites spread throughout the Mountain's MU (see attached budget spreadsheet at the end of the document). We treated approximately 640 acres in FY 2012/13 and proposed treating 650 acres in the FY 2013/14.

Our Invasive plant control efforts are also augmented by volunteer groups, local homeowner's associations and private landowners. Current groups involved are: Myer's Development Group, San Bruno Mountain Watch, The Friends of San Bruno Mountain, The Toll Bros., Terra Bay Master HOA and San Mateo County Parks. In 2012/2013, WCW will provide technical and administrative support for local agencies and groups conducting invasive plant control and restoration work.

C.1. Description of Effort within each Management Unit on San Bruno Mountain

Reservoir Hill (127 Acres)

The eastern section of this MU has F. broom and Oxalis present. Both non-native species were moving towards the endangered Mission blue butterfly (MB) habitat located south of the residential area. The Homeowners Association has planted both nectar and hosts plants on their property adjacent to the County Park boundary. The Oxalis and F. broom has been reduced in this area and the efforts at Pt. Pacific for the upcoming year will be transferred to the Brush Reduction Project.

April Brook (273 Acres)

The area is predominately coastal scrub with non-native eucalyptus trees and Pampas grass as the main invaders. Both species are treated with a combination of hand tools and aquatic herbicide applications. There is also a restoration-planting island for the Mission blue butterfly within the unit and focus surrounding the island has been to control or eradicate additional invasive species that include F. broom, W. radish, I. thistle and cotoneaster. The large cotoneaster brush on the eastern margin of the grassland was cut and treated the previous year followed by maintenance of germinating seeds. The brush is adjacent to a small patch of *L. formosus* that are host plants for the Mission blue butterfly. The efforts along Radio Road will be transferred to the Brush Reduction Project this upcoming year with the control of a majority of invasive species in the area.

Saddle (320 Acres)

The primary non-native species has always been Gorse in the Saddle Trail area. The seedlings are viable for over 20 years and the site is visited 2-3 times per year to control the seedlings before they flower to seed. Within the Saddle MU is the Bog area where additional species are monitored for control or eradication. These non-native plants include poison hemlock, H. blackberry, P. loosestrife, P. grass and Eucalyptus saplings. Additional efforts are proposed for this site. A total of 50 acres were treated within the management unit.

The Saddle Trail has the host plant, *Viola pedunculata*, for the endangered Callippe silverspot (CS) butterfly located along the East Ridge. Both hand tools and aquatic herbicides are used for control or eradication. Two sites in the Saddle Trail Area are currently being treated for Purple velvet grass (*Holcus lanatus*) using techniques learned from test plots West Coast Wildlands, Inc., implemented with UC Berkeley and UC Davis Botany Departments.

Dairy and Wax Ravines (214 Acres)

P. grass, Cape ivy, Eucalyptus, Gorse, Cotoneaster, Ox-eye daisy and H. blackberry have been the primary non-native weeds. The control of weeds within the ravines is to allow the site to return to coastal scrub habitat and enhance the grassland habitat in the upper areas. The Mission blue butterflies are found within Dairy Ravine. A total of 50 acres will be treated within the management unit.

Reduction of the Coyote brush (*B. pilularis*) encroaching within the 9 fern Rock sub-ridge was recommended at the March 2012 TAC Field meeting and removed in during the FY12/13 budget. The reduction of the brush has been expanded an additional 20 meters in FY 2013/14.

The addition of *Oxalis pes-caprae* to this section's weed list is located inside and adjacent to the County Park boundary on McKesson Parcel 1. The McKesson Parcel is currently being assessed for Exotics control with at 3-year initial Weed Maintenance Plan and a 2-year follow up plan and waiting for approval.

Devils Arroyo (268 Acres)

The northern grassland habitat has MB host plants, *Lupinus formosus*, surrounded by French and Portuguese broom. There are very few *L. formosus* in this unit and is vital for maintaining a MB colony. The mature stand has been controlled and the current effort is reduction on the seed bank. Herbicide, hand control and mowing are part of the removal methods used at the site. A total of 10 acres will be treated within the management unit.

Southwest Slope (436 Acres)

The sub-ridges in this MU have endangered CS, MB and San Bruno Elfin (SBE) butterfly habitat. The weed area effort primarily surrounds the endangered butterfly habitat and non-native weeds that can threaten these areas. The typical weeds controlled are mustard, W. radish, fennel, Italian thistle and some F. broom. The largest concentration of Oxalis is adjacent to the County Park boundary within Holy Cross property that is leased to Pacifica Nurseries. Both hand and herbicide methods are used along the SBM and HCP boundary. The funding was slightly increased for this section to contain the spread of the Oxalis. A total of 100 acres will be treated within the management unit.

Hillside/Juncus (217 Acres)

This MU has endangered CS, MB and San Francisco Bay Checkerspot butterfly habitat. The host plant for the Bay checkerspot butterfly is the *Plantago erecta* and is still considered critical habitat even though the species has not been seen for years. Fennel, W. mustard, P. grass and Oxalis are present and the main species of control.

Lower Tank and Juncus ravines were added to the parkland in 2009. A large infestation of Oxalis is within Mission blue butterfly habitat and is treated on an annual basis. The original infestation was managed by the previous owner, Myers Development Company, and reduced by 75%. The FY2013/2014 funding will continue at the previous effort to treat mature Oxalis infestation, reducing their biomass and allow any secondary growth to be treated with reduced rates of herbicides. Oxalis surrounds the endangered butterfly host and nectar plants where hand removal will be performed. A total of 100 acres will be treated within the management unit.

Carter/Martin (129 Acres)

The Carter/Martin MU is located at the NE end of San Bruno Mountain State and County Park and has both MB and CS butterfly habitat. The weed species managed onsite are Gorse, Fennel, P. grass, W. radish and Red valerian. A total of 10 acres will be treated within the management unit.

Northeast Ridge (214 Acres)

It is abundant with *Viola pedunculata* the host plant for the endangered Callippe fritillary butterfly. Funding remains the same for the NER fence line and their remainder lands that are adjacent to Callippe Hill. Funding remains the same for the NER fence line and their remainder lands that are adjacent to Callippe Hill. It is abundant with *Viola pedunculata* the host plant for the endangered Callippe fritillary butterfly. A total of 50 acres will be treated within the management unit.

Owl and Buckeye Canyons (294 Acres)

Owl and Buckeye canyon ridgelines were originally grassland habitat that was being overtaken by the coastal scrub, mainly coyote brush, moving in from the surrounding areas until the Brisbane burn in 2008. Twenty meters of living coyote brush was removed along the ridgelines in FY11/12 to allow the native grasses, forbs and herbaceous species the opportunity to re-colonize. The brush reduction in 2013 was expanded another 10 meters on both sides of the control area and seeded with native grasses supplied by San Bruno Mountain Watch in a cooperative project with West Coast Wildlands, Inc. This control helps recreate grassland habitat that existed prior to coastal scrub (i.e. Coyote brush) migrating onto the sub-ridgelines. An Optional Task to expand the replanting in the reduction zones (Figure 4) is discussed in Section D.1. A total of 50 acres were treated within the management unit.

Brisbane Acres (152 Acres)

The CS butterfly habitat is located along the sub-ridges of this MU. The main weeds to control within the area are W. radish and I. thistle. The non-native plants are treated with an herbicide in the spring when they appear. There was a 2008 fire in the area and invading shrubs moving into the grassland habitat were treated two months later when the scrub began to leaf out. The additional brush encroachment will be reduced along the ridge to encourage native grasses, forbs and herbaceous plants to volunteer within these areas. A total of 30 acres will be treated within the management unit.

Southeast Ridge (191 Acres) & South Slope (477 Acres)

The SER & South Slope (SS) sites are primary native perennial grassland habitat that is also excellent Mission blue and Callippe fritillary butterfly habitat. The invasive weeds moving into these grasslands areas are Bermuda buttercup (*Oxalis pes-caprae*) thistles (i.e. Italian and Bristly ox-tongue) and mustards (i.e. W. radish. and M. mustard). The highly invasive species *Oxalis pes-caprae* or Bermuda buttercup was found in the winter of 2010. The site was treated over 3 months during the winter months, January through March, and will receive the same follow up this fiscal year. This plant has the ability to out-compete all existing native perennial grasses. A total of 110 acres will be treated within the management unit.

This Management Unit also Includes Parcels 1, 2 and 6 of the Sunchase dedication lands to the San Mateo County Parks Department and is part of the Vegetation Management Plan scope-of-work. The weed management funding of the site is spread across line items 5, 6 and 8 of the Exhibit B Budget Table FY 2013/14 and totals \$3,800.00.

C.2. Oxalis Control and Coyote Brush Reduction Restoration Projects

The Oxalis Control and Restoration projects are a cooperative effort between San Bruno Mountain Watch (SBMW) and West Coast Wildlands, Inc. (WCW, Inc.). WCW, Inc., treated 2 infestations of Oxalis (Figure 2) and SBMW with WCW, Inc., planted native grasses after treatment. The plants were water three times over a period of 2 months. This upcoming season is to plant Mission blue and Callippe silverspot butterfly host and nectar plants within site RPB. Funding for the upcoming year has shifted to expand the

brush removal and monitor the Oxalis control at within the planted native grass plots RPA and RPB (Figure 3).

The Coyote brush/scrub reduction project (Figure 4) focused on the areas that previously burned in 2008 at Buckeye canyon and expanded beyond the burn site along the ridge (CB3-5) within Callippe butterfly habitat. The addition of Owl/Buckeye Ridge (CB1-2)and the Ridge Trail (CB6) brush reduction was followed with hand broadcasting native seeds. The original reduction of scrub was 10 meters on either side of the ridgelines. Funding has shifted from the FY12/13 budget towards removing additional brush and allows the expansion of native habitat area.

There are many areas on the mountain partially covered in scrub with relatively intact native grassland habitat that still supports one of the three endangered butterfly species. We have observed from following past Coyote brush removal in areas with deeper soils, the sites either return to native scrub species or to aggressive invasives such as mustard due to the richer soils. The expansion of coastal scrub has been estimated to be eliminating 5 acres of grassland habitat on San Bruno Mountain In the absence of fire (Kobernus, 2007) per year. Therefore we propose to expand the re-vegetation of the areas where scrub is being removed adjacent to butterfly habitat in thinner soil areas closer to the ridge tops.

Re-vegetation will involve planting a mix of native grasses and perennial forbs (Table 1) including the butterfly food plants (the three species of *lupines* for the Mission blue butterfly and the stone crop *Sedum spathulifolium* for the San Bruno elfin butterfly) as well as the nectar plants of all three endangered butterfly species. It will also include seeding of native annuals (Table 2) to compete with non-native grasses and forbs.

Table 1: List of native perennial grasses for grassland restoration of 3,000 sq ft..

Scrub Removal/Grassland Re-vegetation Project: Winter 2013/2014			
		%	3000 plants
Grassland Perennials:			
Scientific name	Common name:		
<i>Acaena pinnatifida</i>	Acaena	8	120
<i>Achillia millefolium</i>	common yarrow	8	120
<i>Agoseris grandiflora</i>	large flowered agoseris	7	105
<i>Eriogonum latifolium</i>	coast buckwheat	8	120
<i>Erysimum franciscanum</i>	Franciscan wallflower	7	105
<i>Grindelia hirsutula maritima</i>	coast gumplant	7	105
<i>Heterotheca sessiflora bolanderi</i>	golden aster	7	105
<i>Horkelia californica var californica?</i>	Horkelia	5	75
<i>Lomatium dasycarpum</i>	lace parsnip	8	120

Lupinus albafrons	silver lupine	3	45
Lupinus variicolor	varied lupine	3	45
Monardella villosa villosa	coyote mint	3	45
Phacelia californica	California phacelia	8	120
Sisyrinchium bellum	blue-eyed grass	8	120
Solidago canadensis elongata	meadow goldenrod	8	120
Wyethia angustifolia	mule ears	2	30
	Total:	100	1500
Native Grasses:			
Scientific name	Common name:	%	
Bromus carinatus	California brome	20	300
Danthonia californica	California oat grass	10	150
Elymus glaucus	Blue wildrye	20	300
Festuca rubra	red fescue	15	225
Koeleria macrantha	June grass	10	150
Melica californica	California melic	5	75
Nassella pulchra	purple needlegrass	20	300
	Total:	100	1500

Table 2: Native Annuals gathered on San Bruno Mountain and farmed at the Mission Blue Nursery. Funding includes the cost of gathering, weeding the seed plots, seed harvest, processing and dispersal.

Native Grassland Annuals		3000 sq. ft.
Scientific Names	Common Names:	
Castilleja exserta	<i>purple owl's clover</i>	4.5
Lasthenia californica	<i>California goldfields</i>	4.5
Navarretia squareosa	<i>skunkweed</i>	4.5
Amsinckia intermedia	<i>Intermediate Fiddleneck</i>	4.5
Daucus pusillus	<i>Wild carrot, rattlesnake weed</i>	4.5
Clarkia rubicunda	<i>Farewell to Spring</i>	4.5
Clarkia purpurea	<i>winecup clarkia</i>	4.5
		31.5 grams

C.3. West Coast Wildlands Integrated Pest Management (IPM) Plant Control

The greatest portion of the FY2013/2014 budget will be allocated to invasive plant species control administered by West Coast Wildlands and complies with the current County of San Mateo IPM Policy and methods (See Attachment A: San Mateo Countywide IPM Policy).

West Coast Wildlands' IPM field methods include using manual tools, mechanical equipment and the lowest toxic herbicides to effectively treat the pests. Hand tools are used on non-native plants that are within sensitive habitats, an isolated individual or clusters and running or seasonal water sites. This method becomes very effective when the large mature stands of many invasive plants have been reduced by 90% and native plants have migrated into the treated site.

Mechanical mowing is a method used to control non-native annuals prior to seed-set such as thistles mustards. These species are often found along the Ridge Trail where the endangered Callippe silverspot butterfly is often monitored. The 2012 Habitat Maintenance and Exotics Plan increased the hand and mechanical efforts by another 15% from the previous year as noted in the 2013/2014 Budget Table.

Herbicide recommendations are written by at licensed DPR Pest Control Advisor (PCA) and Monthly Use Reports (MUR) are submitted to the San Mateo County Agriculture and Weights Department. Herbicide applications are used to treat the plants such as gorse, F. broom, Bermuda buttercup and eucalyptus that are difficult to control using the other methods. Disturbing the soil using mechanical tools in large weed infested areas can create an opportunity for other non-native plants to migrate onto the site.

The two herbicides used on San Bruno Mountain are very low in toxicity, most effective in treatment and least harmful to employees. The first is Aquamaster that is aquatic approved and mixed with an aquatic non-ionic silicone surfactant or spreader. This herbicide is applied to monocots such as non-native grasses or plants that are close to seed-set rendering the seeds immature. The second herbicide is Garlon 4 Ultra that is used on woody or broadleaf plants and mixed with vegetable oil. Garlon 4 Ultra is an auxin mimic, a plant hormone, which burns up the sugars in the roots. This herbicide's selectivity to dicotyledons allows treatment of plants within native perennial grassland habitat.

The three types of herbicide application methods are foliar, basal bark and cut-stump. A foliar application covers an area with 0.25 to 2.0% solution rate and the selective basal bark or cut-stump application rates range from 5-25% solution rate. Backpack or spray bottles are used to apply the herbicides that have selective tips for target location. Spray equipment accessories include buckets or shields to cover non-target plants. A no-spray buffer area is always required in sensitive areas. Buffer areas are always created via manual labor or hand tools. The herbicide training emphasizes treatment applied to the primary target species.

D. Optional Tasks

D.1. Oxalis Control Re-vegetation Project: Phase 2

The second phase of the Oxalis removal re-vegetation project will involve the growing and planting of 2,000 native perennial forbs. The plants will be planted in the winter of 2013/14 into the two sites previously re-vegetated with 3,000 native perennial bunch grasses to complete the project.

The FY2012/13 plan included treating the area with a broad spectrum herbicide the first year prior to grass planting, and then out-plant the 3,000 native grasses at the two sites. This was accomplished in the winter of 2012. In 2013, the area will be sprayed with a dicot specific herbicide (will not kill planted grasses) to control the remaining oxalis as well as any other dicot weeds particularly Italian thistle that may have invaded the site. This will be done by West Coast Wildlands before the winter rains begin in November 2013. The 2000 native grassland forbs (Table 3) will be grown from seed collected on San Bruno Mountain and propagated by the Mission Blue Nursery. These plants will be out planted onto the two project sites by San Bruno Mountain Watch's stewardship program (Figure 3). The cost for the 2,000 native forbs will require six out-planting workdays for a total cost for the project of \$6620.

Table 3: Native perennial grassland forbs

Winter 2013/2014			
Oxalis Removal Re-vegetation Project:			
Grassland Perennials:		%	2000 plants
<u>Scientific name</u>	<u>Common name:</u>		
Acaena pinnatifida	acaena	7	140
Achillia millefolium	common yarrow	7	140
Agoseris grandiflora	large flowered agoseris	10.5	210
Eriogonum latifolium	coast buckwheat	7	140
Erysimum franciscanum	Franciscan wallflower	5.5	110
Grindelia hirsutula maritima	coast gumplant	10.5	210
Heterotheca sessiflora bolanderi	golden aster	5.5	110
Horkelia californica	Horkelia	7.5	150
Lomatium dasycarpum	lace parsnip	7	140
Lupinus albafrons	silver lupine	4.5	90
Lupinus variicolor	varied lupine	4.5	90
Monardella villosa villosa	coyote mint	4.5	90
Phacelia californica	California phacelia	7	140
Sisyrinchium bellum	blue-eyed grass	7	140
Solidago canadensis elongata	meadow goldenrod	7	140
Wyethia angustifolia	mule ears	3	60
		100	2000

Summary of Scope-of-Work Changes for FY 2013/2014

1. Reservoir Hill: Moved efforts at Point Pacific to the Brush Reduction Project
2. April Book: Moved efforts along Radio Road to the Brush Reduction Project
3. Saddle Trail: Added two treatment sites of a non-native bunch grass (Velvet grass)
4. Wax Myrtle Ravine: Expansion of the brush reduction along Nine Fern Rock Ridge
5. So. West Slope: Oxalis Control Restoration Project at Hoffman Ridge (RPA) and Ridge Trail site (RPB).efforts will be reduced but, maintaining the control of invasive species.
6. Owl and Buckeye Canyons: The Brush Reduction and Restoration Project will be expanded an additional 20 meters from the ridge. Tables 1-3 list the native plants to be included for the upcoming fiscal year.

San Bruno Mtn. HCP Proposed Work Scope for Habitat Restoration and Exotics Control FY 2013 – 2014



FIGURE 1: San Bruno Mountain Management Units

San Bruno Mtn. HCP Proposed Work Scope for Habitat Restoration and Exotics Control FY 2013 – 2014



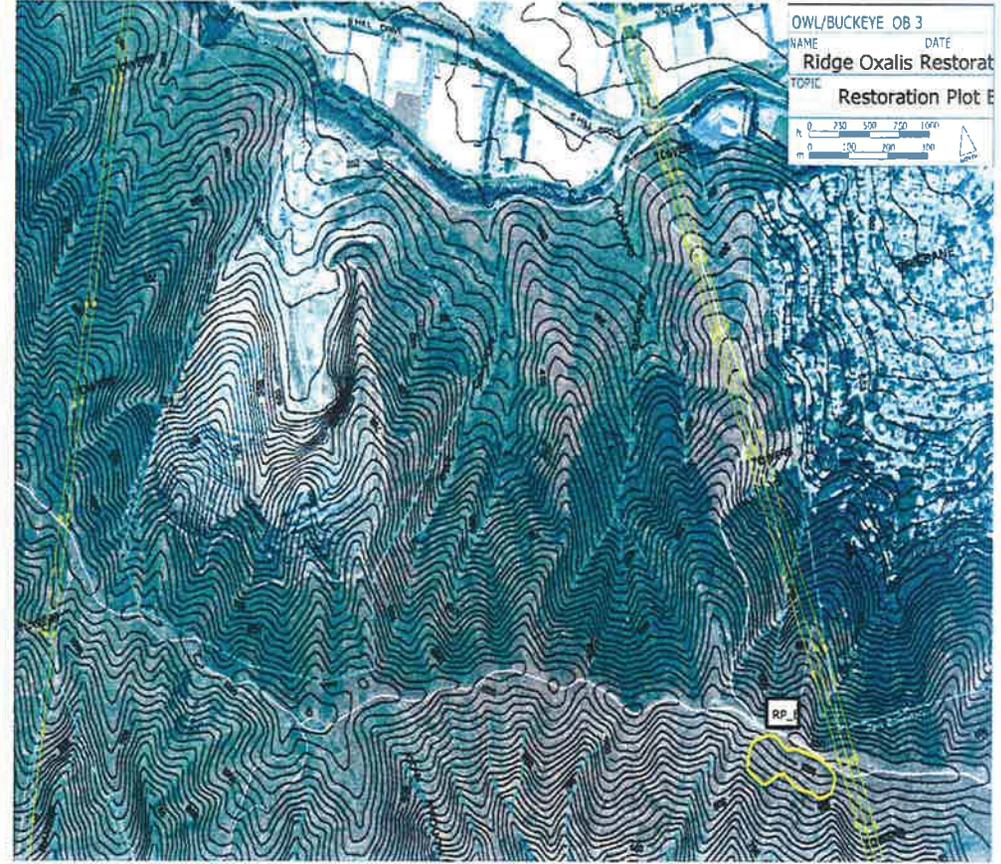
FIGURE 2: 2013 Oxalis pes-caprae Treatment Sites

San Bruno Mtn. HCP Proposed Work Scope for Habitat Restoration and Exotics Control FY 2013 – 2014

FIGURE 3: San Bruno Mountain Watch Oxalis Restoration Plots



Hoffman Ridge Oxalis Restoration Plot A (RPA)



Ridge Trail East Oxalis Restoration Plot B (RPB)

Owl and Buckeye Canyon Coyote Brush Removal Site Overview

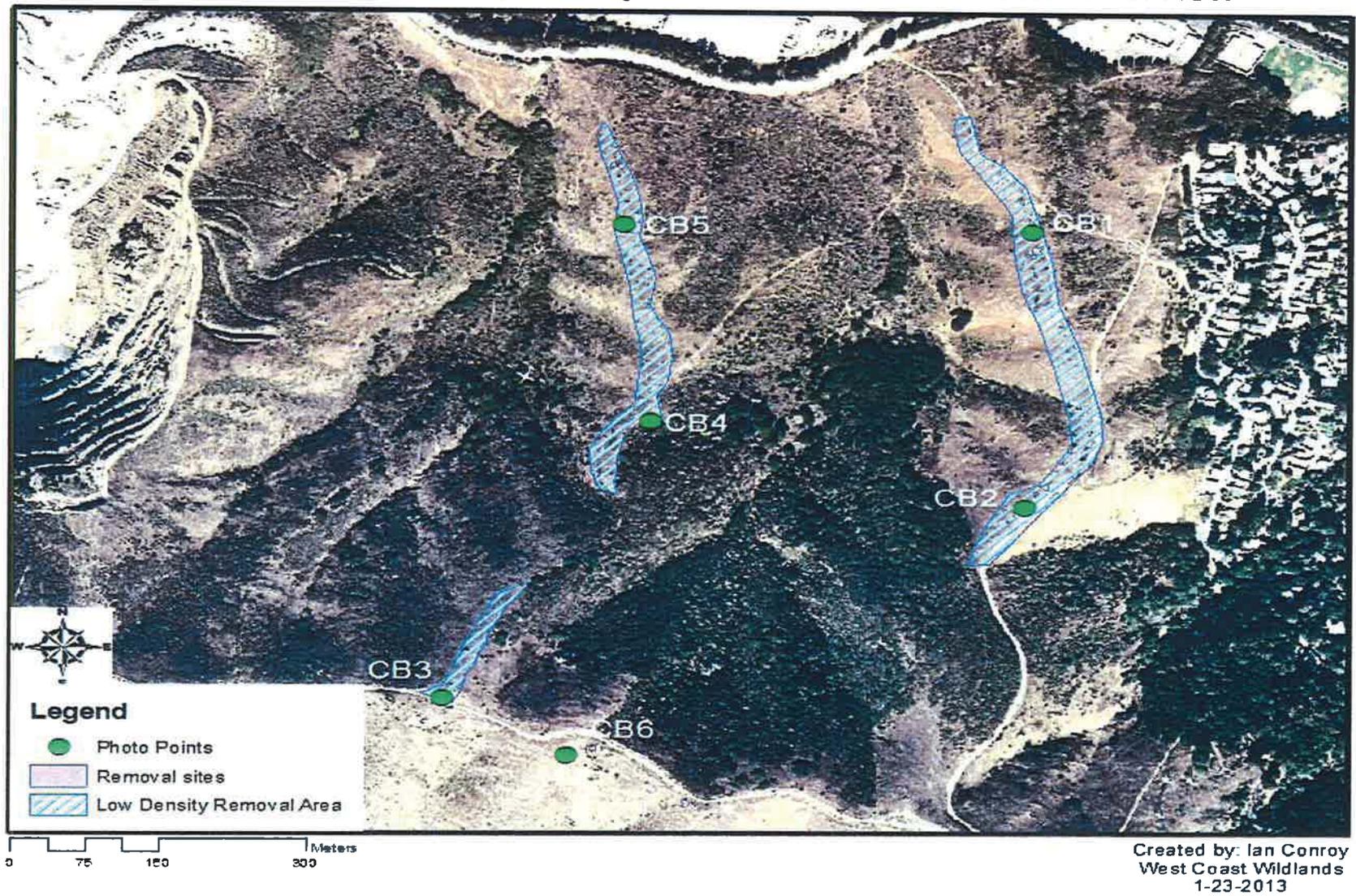


FIGURE 4: Owl/Buckeye Canyon Coyote Brush Removal and Re-vegetation Plots (CB1-CB5)



San Mateo Countywide Water Pollution Prevention Program Model Integrated Pest Management (IPM) Policy

GOAL

The [San Mateo County] seeks to protect the health and safety of its employees and the general public, the environment and water quality, as well as to provide sustainable solutions for pest control, through the reduced use of pesticides on property owned or managed by the City/County to the maximum extent practicable.

RECOMMENDATIONS

Employees implementing pest management operations will use Integrated Pest Management (IPM) techniques that emphasize non-pesticide alternatives and, when necessary, employ the least toxic chemicals. Preference will be given to contractors who implement IPM. [San Mateo County] departments and their contractors that apply pesticides will develop and maintain an active IPM Plan to ensure the long-term prevention and suppression of pest problems with minimum negative impacts on the health and safety of the community and environment. The [San Mateo County] will track employee and contractor pesticide use and prepare an annual report summarizing pesticide use and evaluating pest control activities performed.

The [San Mateo County] shall encourage pilot projects to demonstrate landscape and structural pest control alternatives, seeking to use the most recent technology, best management practices and least toxic methods for all pest control measures. Pilot projects should include an objective analysis of the effectiveness of the alternative techniques applied.

The [San Mateo County] will review its purchasing procedures, contracts or service agreements with pesticide applicators and employee training practices to determine what changes can be made to support the goal of pesticide reduction and promote the purchase and use of the least harmful chemicals.

The [San Mateo County] will perform educational outreach and/or support Countywide or regional efforts to educate residential and commercial pesticide users on a) goals and techniques of IPM, and b) pesticide related water quality issues.

BACKGROUND

Pesticides are defined as: any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest. Pests can be insects, rodents and other animals, unwanted plants (weeds), bacteria or fungi. The term pesticide applies to herbicides, fungicides, insecticides, rodenticides, molluscicides and other substances used to control pests. Antimicrobial agents are not included in this definition of pesticides. In general, the intent of antimicrobial agents is to reduce or mitigate the growth or development of microbial organisms. They are used to avoid health hazards and include in-door cleaning, spa and swimming pools, medical sterilizer and sanitizer products.



Integrated Pest Management (IPM) is an ecosystem-based strategy that focuses on long-term prevention of pests or their damage through a combination of techniques such as biological control, habitat manipulation, modification of cultural practices, and use of resistant varieties. Pesticides are used only after monitoring indicates they are needed according to established guidelines, and treatments are made with the goal of removing only the target organism. Pest control materials are selected and applied in a manner that minimizes risks to human health, beneficial and non-target organisms, and the environment.

IPM techniques could include biological controls (e.g., ladybugs and other natural enemies or predators); physical or mechanical controls (e.g., hand labor or mowing); cultural controls (e.g., mulching, discing, or alternative plant type selection); and reduced risk chemical controls (e.g., soaps or oils).

[San Mateo County] owned or managed property includes but is not limited to parks and open space, golf courses, roadsides, landscaped medians, flood control channels and other outdoor areas, as well as municipal buildings and structures.

**Exhibit B: WCW COST SUMMARY FOR FISCAL YEAR 2013/2014
San Bruno Mountain Habitat Conservation Plan**

A. PROGRAM MANAGEMENT

WCW:

1	Administration and Project Supervision	3,500
2	Data Analysis and Annual Report Preparation	3,500
3	Coordinate and Manage Invasive Control Work	2,000
	Subtotal	\$9,000

B. INVASIVE PEST PLANT CONTRACTOR

WCW

1	West Coast Wildlands Invasive Plant Control	79,753
	Subtotal	\$79,753

C. INVASIVE PEST PLANT CONTRACTOR

WCW & SBMW Cooperative Projects

1	Coyote Brush Reduction and Restoration Projects	8,000
	Subtotal	\$8,000

GRAND TOTAL \$96,753

D. OPTIONAL TASK (See Section D.1)

D.1.	Oxalis Control Re-vegetation Project: Phase 2	
	Collecting, Planting and watering	6,620
	Total	\$6,620

Exhibit B: WCW Billing Rates -- Fiscal Year 2013/2014

Unless specified otherwise by prior agreement, invoices are submitted monthly showing time and charges for professional services by staff category and a separate figure for expenses. Invoices are payable upon receipt. Invoices unpaid past 45 days are subject to interest at 1 1/2% per month.

West Coast Wildlands (includes all overhead)

STAFF BILLING RATES

<u>CATEGORY</u>	<u>\$/HR</u>
Principal/Consulting	100.00
Staff Scientist	75.00
Project Manager	75.00
GIS	75.00
GIS/Staff	58.00
Field Biologist	55.00
Field Supervisor	50.00
Spray Supervisor	50.00
Technician - Laborer	50.00
Spray Crew	50.00
Field Crew	50.00
Staff Assistant/Data Entry	35.00

EXPENSES

<u>CATEGORY</u>	<u>BASIS</u>
Commercial travel	cost+5%
Automobile travel	Per IRS reimbursement rate
Photocopy (A and B sizes)	\$0.10/image
Commercial report reproduction	cost+10%
Subcontractors	cost+10%
Other (lab, aerial photos, etc.)	cost+10%

San Bruno Mtn. HCP Proposed Work Scope for Habitat Restoration and Exotics Control FY 2013 – 2014

EXHIBIT B

West Coast Wildlands, Inc.
Budget Table, FY2013/2014

		Hand Work															
Site	Hours	and Restore	Hours	Spray Rig	Hours	B.P. Spray	Gals	Garlon	Gals	Garlon 25%	Gals	Aquamaster	Cost/Site				
Cost Basis		\$50.00		\$ 55		\$50.00		\$ 3.75		\$ 90.00		\$ 2.75					
1 Tank/Upper Slope		0.00	*	35	\$ 1,925	*	50	2,500.00	*	200	\$ 750.00	\$ 0.00	50	\$ 137.50	*	\$ 5,312.50	
2 Hillside/Upper Slope		0.00	*	35	\$ 1,925	*	50	2,500.00	*	200	\$ 750.00	\$ 0.00		\$ 0.00	*	\$ 5,175.00	
3 Juncus/Upper Slope		0.00	*	25	\$ 1,375	*	50	2,500.00	*	150	\$ 562.50	\$ 0.00		\$ 0.00	*	\$ 4,437.50	
4 Terrabay		0.00	*		\$ 0	*	35	1,750.00	*	75	\$ 281.25	\$ 0.00	10	\$ 27.50	*	\$ 2,058.75	
5 SER/Summit	30	1,500.00	*	10	\$ 550	*	50	2,500.00	*	150	\$ 562.50	\$ 0.00		\$ 0.00	*	\$ 5,112.50	
6 Ridge Trail E & W	30	1,500.00	*		\$ 0	*	45	2,250.00	*	125	\$ 468.75	\$ 0.00		\$ 0.00	*	\$ 4,218.75	
8 Preserve Parcel	25	1,250.00	*		\$ 0	*	30	1,500.00	*	75	\$ 281.25	\$ 0.00	10	\$ 27.50	*	\$ 3,058.75	
9 Buckeye/Owl	30	1,500.00	*		\$ 0	*	40	2,000.00	*	100	\$ 375.00	10	\$ 900.00	10	\$ 27.50	*	\$ 4,802.50
10 Hill W. Quarry	10	0.00	*		\$ 0	*	20	1,000.00	*	100	\$ 375.00	\$ 0.00		\$ 0.00	*	\$ 1,375.00	
11 Red Tail Cyn		0.00	*			*			*						*	\$ 0.00	
12 Devil's Arroyo	30	1,500.00	*		\$ 0	*	20	1,000.00	*	25	\$ 93.75	\$ 0.00			*	\$ 2,593.75	
13 Bris. Water Tank	20	1,000.00	*		\$ 0	*	40	2,000.00	*	100	\$ 375.00	4	\$ 360.00	10	\$ 27.50	*	\$ 3,762.50
14 Callippe Hill		0.00	*			*			*						*	\$ 0.00	
15 Fence Line NER	20	0.00	*			*			*						*	\$ 0.00	
16 Linda Vista E.	20	1,000.00	*		\$ 0	*	20	1,000.00	*	50	\$ 187.50	\$ 0.00	10	\$ 27.50	*	\$ 2,215.00	
17 Linda Vista\SBM	20	1,000.00	*		\$ 0	*	20	1,000.00	*		\$ 0.00	\$ 0.00	10	\$ 25.00	*	\$ 2,025.00	
20 Saddle-Unit 1		0.00	*		\$ 0	*	30	1,500.00	*	75	\$ 281.25	\$ 0.00	10	\$ 27.50	*	\$ 1,808.75	
Unit 2		0.00	*		\$ 0	*	30	1,500.00	*	75	\$ 281.25	\$ 0.00	10	\$ 27.50	*	\$ 1,808.75	
Unit 3		0.00	*		\$ 0	*	40	2,000.00	*	75	\$ 281.25	\$ 0.00	10	\$ 27.50	*	\$ 2,308.75	
22 Remainderlands	30	1,500.00	*			*	30	1,500.00	*	50	\$ 187.50	\$ 0.00		\$ 0.00	*	\$ 3,187.50	
23 Guad Cyn Pkwy	20	1,000.00	*		\$ 0	*	40	2,000.00	*	50	\$ 187.50	2	\$ 180.00	15	\$ 41.25	*	\$ 3,408.75
25 Bitter Cherry		0.00	*		\$ 0	*	15	750.00	*	15	\$ 56.25	\$ 0.00	10	\$ 27.50	*	\$ 833.75	
26 Ridge lines/WP		0.00	*		\$ 0	*	35	1,750.00	*	40	\$ 150.00	\$ 0.00	10	\$ 27.50	*	\$ 1,927.50	
27 Ridge lines/Hoff		0.00	*		\$ 0	*	30	1,500.00	*	20	\$ 75.00	\$ 0.00	10	\$ 27.50	*	\$ 1,602.50	
28 Colma Creek	30	1,500.00	*		\$ 0	*	40	2,000.00	*	50	\$ 187.50	\$ 0.00	50	\$ 137.50	*	\$ 3,825.00	
29 April Brook		0.00	*			*	10	500.00	*			\$ 0.00	10	\$ 27.50	*	\$ 527.50	
30 Dairy Ravine	30	1,500.00	*		\$ 0	*	45	2,250.00	*	100	\$ 375.00	4	\$ 360.00	25	\$ 68.75	*	\$ 4,553.75
31 Wax Myrtle-Upper	20	1,000.00	*		\$ 0	*	40	2,000.00	*	125	\$ 468.75	5	\$ 450.00	75	\$ 206.25	*	\$ 4,125.00
32 Hoffman St.		0.00	*		\$ 0	*	25	1,250.00	*	25	\$ 93.75	\$ 0.00		\$ 0.00	*	\$ 1,343.75	
33 Kamchatka			*			*	20	1,000.00	*	25	\$ 93.75	\$ 0.00		\$ 0.00	*	\$ 1,093.75	
34 Oxalis Restoration			*			*			*						*	0.00	
35 Coyote Brush Restor			*			*			*						*	\$8,000.00	
TAC Meetings	25		*			*			*						*	\$ 1,250.00	
Total Column	390	\$16,750.00		105	\$ 5,775.00		900	45,000.00		2075	\$ 7,781.25	25	\$ 2,250.00	345	\$ 946.25	\$ 87,752.50	

West Coast Wildlands, Inc.