



SAN MATEO COUNTY
HEALTH SYSTEM

September 14, 2011

Regional Water Quality Control Board
c/o Sue Ma
1515 Clay Street, Suite 1400
Oakland, CA 94612

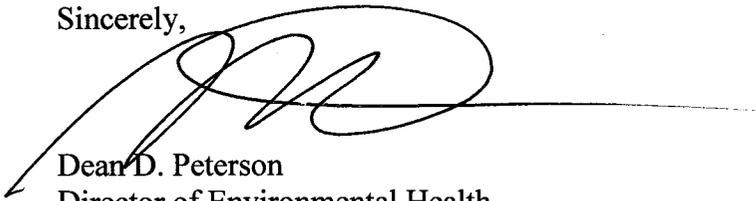
Subject: FY 2010-2011 Annual Report for the Unincorporated Area of San Mateo County
NPDES Permit No. CAS612008

Ms. Ma,

The attached represents the Unincorporated Area of San Mateo County's FY 2010-2011 Annual Report as requested by the Municipal Regional Stormwater NPDES Permit No. CAS612008.

I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure 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 possibility of fine and imprisonment for violations.

Sincerely,



Dean D. Peterson
Director of Environmental Health

COMMUNITY HEALTH • ENVIRONMENTAL HEALTH

Board of Supervisors: Mark Church • Rose Jacobs Gibson • Richard S. Gordon • Carole Groom • Adrienne Tissier
Health System Chief: Jean S. Fraser

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FY 2010-2011 Annual Report

Permittee Name: County of San Mateo (Unincorporated Area Only)

ATTACHMENT B

Table of Contents

| Section | Page |
|---|-------------|
| Section 1 – Permittee Information..... | 1-1 |
| Section 2 – Provision C.2 Municipal Operations..... | 2-1 |
| Section 3 – Provision C.3 New Development and Redevelopment..... | 3-1 |
| Section 4 – Provision C.4 Industrial and Commercial Site Controls..... | 4-1 |
| Section 5 – Provision C.5 Illicit Discharge Detection and Elimination..... | 5-1 |
| Section 6 – Provision C.6 Construction Site Controls..... | 6-1 |
| Section 7 – Provision C.7 Public Information and Outreach..... | 7-1 |
| Section 8 – Provision C.8 Water Quality Monitoring..... | 8-1 |
| Section 9 – Provision C.9 Pesticides Toxicity Controls..... | 9-1 |
| Section 10 – Provision C.10 Trash Load Reduction..... | 10-1 |
| Section 11 – Provision C.11 Mercury Controls..... | 11-1 |
| Section 12 – Provision C.12 PCBs Controls..... | 12-1 |
| Section 13 – Provision C.13 Copper Controls..... | 13-1 |
| Section 14 – Provision C.14 PBDE, Legacy Pesticides and Selenium Controls..... | 14-1 |
| Section 15 – Provision C.15 Exempted and Conditionally Exempted Discharges..... | 15-1 |

Section 1 – Permittee Information

SECTION I. BACKGROUND INFORMATION

| Background Information | | | | |
|---|--|-------------|----------------|--|
| Permittee Name: | County of San Mateo | | | |
| Population: | 67,247 (unincorporated areas only) | | | |
| NPDES Permit No.: | CAS612008 | | | |
| Order Number: | R2-2009-0074 | | | |
| Reporting Time Period (month/year): | July / 2010 through June / 2011 | | | |
| Name of the Responsible Authority: | Dermot Casey | | Title: | Hazardous Materials Specialist |
| Mailing Address: | 2000 Alameda de las Pulgas | | | |
| City: | San Mateo | Zip Code: | 94403 | County: San Mateo |
| Telephone Number: | (650) 372-6257 | Fax Number: | (650) 627-8244 | |
| E-mail Address: | djcasey@co.sanmateo.ca.us | | | |
| Name of the Designated Stormwater Management Program Contact (if different from above): | Joe LoCoco Steve Fischer | | Title: | Deputy Director, Public Works Road Manager, Coastside |
| Department: | Public Works, Roads | | | |
| Mailing Address: | 752 Chestnut | | | |
| City: | Redwood City | Zip Code: | 94063 | County: San Mateo |
| Telephone Number: | (650) 599-7281 | Fax Number: | (650) 366-7238 | |
| E-mail Address: | jlococo@co.sanmateo.ca.us | | | |

Section 2 - Provision C.2 Reporting Municipal Operations

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

Summary:
Staff regularly attends: NPDES Technical Advisory Committee, Municipal Maintenance Subcommittee, Trash Workgroup, and Integrated Pest Management Group meetings. Public Works and Parks completed Corp Yard Inspections and implemented Storm water BMPs as required. Also completed pump station monitoring and inspections as required. All road maintenance activities were completed according to the MRP and the County of San Mateo Watershed Protection Maintenance Standards (2004).

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

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

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

Comments: **Sweeping logs on file**

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

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

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

Comments:
San Mateo County Maintenance and Operations Facilities performs pavement washing using a sweeper truck, the sweeper truck sprays and picks up the water as it sweeps. The water and debris are off loaded at Grant yard, where the solids are separated out for disposal at a solid waste land fill and the water is diverted to sewer for further treatment.

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

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

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

Comments:

The Construction Services Section of DPW conducts a very limited and small scale graffiti abatement program. CSS does not engage in graffiti removal/abatement over nor 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 through environment-friendly, biodegradable products. These processes generate no airborne or downstream residue/contaminants. On occasion, when pressure/power washing activities may be required, County staff implement the required BMPs. Our staff has completed the online BASMAA training program and have been certified as surface cleaners.

| C.2.d. ► Stormwater Pump Stations | | | | |
|---|---|--|--|------------------------------------|
| Does your municipality own stormwater pump stations: | | <input checked="" type="checkbox"/> X | <input 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): | | | | |
| Pump Station Name and Location | First inspection Dry Weather DO Data | | Second inspection Dry Weather DO Data | |
| | Date | mg/L | Date | mg/L |
| 5th Avenue Underpass Pumping Plant, 5th Avenue and CalTrain Bridge, Unincorporated North Fair Oaks | 8/12/10 | 3.2 | 10/26/2010 | 3.1 |
| Athlone Terrace Pump Station, Bay Road and SPUR Tracks, Unincorporated Menlo Park | 8/12/10 | 7.9 | 10/26/2010 | 3.8 |
| | | | | |
| 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 needed. | | | | |
| Summary: N/A | | | | |
| Attachments: N/A | | | | |

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

Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):

| Pump Station Name and Location | Date (2x/year required) | Presence of Trash (Cubic Yards) | Presence of Odor (Yes or No) | Presence of Color (Yes or No) | Presence of Turbidity (Yes or No) | Presence of Floating Hydrocarbons (Yes or No) |
|--|-----------------------------------|---|--|---|---|---|
| 5 th Avenue Underpass Pumping Plant, 5 th Avenue and CalTrain Bridge, Unincorporated North Fair Oaks | 12/23/11 | 0.05 cyds | no | no | no | no |
| Athlone Terrace Pump Station, Bay Road and SPUR Tracks, Unincorporated Menlo Park | 12/23/11 | 0.2 cyds | no | no | no | no |
| 5 th Avenue Underpass Pumping Plant, 5 th Avenue and CalTrain Bridge, Unincorporated North Fair Oaks | 2/1/11 | none | no | no | no | no |
| Athlone Terrace Pump Station, Bay Road and SPUR Tracks, Unincorporated Menlo Park | 2/1/11 | 0.05 cyds | no | no | no | no |
| 5 th Avenue Underpass Pumping Plant, 5 th Avenue and CalTrain Bridge, Unincorporated North Fair Oaks | 5/3/11 | none | no | no | no | no |
| Athlone Terrace Pump Station, Bay Road and SPUR Tracks, Unincorporated Menlo Park | 5/3/11 | 0.05 cyds | no | no | no | 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 an X in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below: | |
| <input checked="" type="checkbox"/> | Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas |
| <input checked="" type="checkbox"/> | Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources |
| <input checked="" type="checkbox"/> | No impact to creek functions including migratory fish passage during construction of roads and culverts |
| <input checked="" type="checkbox"/> | Inspection of rural roads for structural integrity and prevention of impact on water quality |
| <input checked="" type="checkbox"/> | Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion |
| <input checked="" type="checkbox"/> | Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate |
| <input checked="" type="checkbox"/> | Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings |
| Comments including listing increased maintenance in priority areas: We have a Watershed Protection Specialist monitoring all BMPs for projects, including emergency repairs, conducted within the coastal zone and in sensitive habitat areas. On emergency repairs, e.g., slip outs and mud slides, we move materials to a certified stockpile area with appropriate measures to contain runoff. | |

| C.2.f. ► Corporation Yard BMP Implementation | |
|---|---|
| Place an X in the boxes below that apply to your corporations yard(s): | |
| <input type="checkbox"/> N/A | We do not have a corporation yard |
| <input checked="" type="checkbox"/> N/A | Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit |

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.

FY 2010-2011 Annual Report

C.2 – Municipal Operations

Permittee Name: County of San Mateo (Unincorporated Area Only)

We have a current **Stormwater Pollution Prevention Plan (SWPPP)** for the Corporation Yard(s)

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

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

Comments:

DPW does not wash vehicles or equipment in our rural Corporation Yards. Clean out occurs at main facility in Redwood City (Grant Yard), which has a recycle/filter system connected to the Redwood City sanitary sewer system

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 | 4/14/11 | No violations | None required |
| Pescadero | 5/26/11 | No violations | None required |
| La Honda | 5/26/11 | No violations | None required |
| Princeton | 5/26/11 | No violations | None required |
| Coyote Point | 10/28/10 | No violations | None required |
| Huddart County Park | 12/7/10 | No violations | None required |
| Memorial County Park | 12/3/10 | No violations | None required |
| San Pedro Valley County Park | 1/5/11 | No violations | None required |
| Junipero Serra | 1/5/11 | No violations | None required |

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

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

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

Summary:

(1) Municipality's legal authority to implement C.3: Legal Authority to implement C.3 is provided by Chapter 4.100 of the San Mateo County Ordinance Code (Stormwater Management & Discharge Control).

(2) Municipality's development review and permitting procedures, including use of conditions of approval or other enforceable mechanisms: The County has implemented development review and permitting procedures, such as the use of forms created by SMCWPPP and its own conditions of approval. C.3, regulated sites are identified by Planning and DPW Staff. DPW staff review stormwater and drainage plans for project compliance with Provision C.3. Planning and DPW staff review the Operation and Maintenance Agreement. Planning staff tracks the receipt of annual reports from O&M sites and schedules annual report review and site inspections by DPW staff. C.6, regulated sites are identified by Planning staff, wet season inspections are scheduled by Building Permit Technicians, and Building Inspectors perform inspections, complete Construction Site Inspection forms, and enter the data into an Excel spreadsheet.

(3) How water quality effects and mitigation measures are addressed in environmental reviews (e.g., CEQA): The County's CEQA Initial Study Checklist includes thresholds to evaluate project impacts to surface water and groundwater quality. Construction-phase and permanent stormwater measures are added by Planning staff as mitigation measures, which are then incorporated as project conditions of approval.

(4) C.3 training for appropriate departments: In addition to participating in Countywide training events, the County's Planning & Building Department headed efforts to provide additional training opportunities through California Building Inspection Group (CalBIG). The Planning & Building Department also provided internal training opportunities (i.e., staff meetings, pre-wet season training).

(5) Outreach/education efforts to staff, developers, contractors, construction site operators and owner/builders: In addition to providing up-to-date forms and guidance at the public counter and other resource materials on the "flowstobay.org" website (managed by SMCWPPP), Development Review Staff (building inspection, engineering, and planning staff) work together to provide project-specific information and guidance to project engineers and proponents.

(6) How your municipality encourages site design measures at unregulated projects subject to Planning/Building Department review: In addition to utilizing the NPDES Checklist, the County also performs the following:

a) The County requires property owners to minimize land disturbance and protect sensitive areas for all projects subject to a discretionary planning permit, in compliance with the County's General Plan and Local Coastal Program.

b) The County requires property owners to minimize impervious areas that are directly connected to the storm drain system for all project which create over 500 sq. ft. of impervious surface by implementing the County Drainage Policy Guidelines. Guidelines require the property owner to provide a drainage plan which demonstrates compliance with those guidelines. In areas with existing storm drain systems, the guidelines require mitigation measures such as on-site storm drain detention or off-site storm drain improvements to mitigate increased run-off. In areas where there are no existing down stream storm drain systems, post-development run-off and velocity must be less than or equal to pre-development run-off and velocity.

(7) How your municipality encourages source control measures at unregulated projects subject to Planning/Building Department review: In addition to utilizing the NPDES Checklist, the County provides source control guidelines at the public counter and requires property owners to minimize the removal of mature trees and to replace trees with native tree varieties for most projects that require a tree removal permit. The

County requires property owners to minimize vegetation removal in all areas of the unincorporated Coastal Zone subject to coastal development permit requirements.

(8) General Plan revisions (if needed) to integrate water quality/watershed protection with water supply, flood protection, habitat protection, groundwater recharge, and other sustainable development principles and policies: Amendments to the County’s Local Coastal Program (LCP), the primary regulatory document for development in all unincorporated areas of the Coastal Zone, were approved locally on May 24, 2011 (certification by the Coastal Commission is still pending). The LCP amendments introduce new regulations to improve surface and ground water quality, including, but not limited to, Policy 1.35, which requires all new land use development and activities to protect coastal water quality through site design, source control, and implementation of BMPs.

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

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

Summary:
Countywide Program to provide status of compliance.

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

Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information
The County had no new private regulated projects this fiscal year. The last approved regulated private project was at the Ladera Oaks property at 3249 Alpine Road in Portola Valley. The O&M Agreement was recorded on June 17, 2010 and was reported in the 2009-2010 Annual Report. An O&M Agreement for stormwater treatment measures at the Horse Park at Woodside (3674 Sand Hill, Woodside) is pending, but has not been approved and will be reported in the next fiscal year.

C.3.c. Low Impact Development Reporting

The County had no new private regulated projects this fiscal year. The last approved regulated private project was at the Ladera Oaks property at 3249 Alpine Road in Portola Valley. The O&M Agreement was recorded on June 17, 2010 and was reported in the 2009-2010 Annual Report. An O&M Agreement for stormwater treatment measures at the Horse Park at Woodside (3674 Sand Hill, Woodside) is pending, but has not been approved and will be reported in the next fiscal year.

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

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

See table **C.3.h.iv.(1)** below.

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

Summary:

This year, the County inspected O&M stormwater treatment measures at two sites. First, the Skylawn Cemetery Site was inspected on August 17, 2011, due to the property owner’s non-compliance with annual reporting requirements (Annual report was submitted on August 18, 2011 when the report was due on December 31, 2010). The site was generally found in compliance, with only minor issues as stated in the C.3.h.iv. table below. This was the first post-construction inspection of the treatment measures at this site.

The second site at Extra Space Storage (477 Harbor Blvd.) is a vault-based system and was inspected on August 18, 2011, a month after the system was inspected and cleaned by SWIMS, a stormwater inspection and maintenance services company. A prior inspection conducted in January 2009, it was determined that the unit contained heavy surface debris and needed to be pumped out. At the August 18, 2011, inspection, the County found the unit to be well maintained.

(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 NPDES Representative (Camille Leung, Planner) and the DPW Roads Manager (Diana Shu) are implementing the following O&M program improvements: 1) Creation of an O&M case type for compliance tracking of projects with recorded O&M Agreements using the current permit system and 2) Implementation of required Annual Report review and inspection (both by DPW) and collection of applicable fees. The creation of an O&M case for each property in the program will allow the County to automatically send out notices to property owners when inspections and annual reports (and fees associated with both) are required. Implementation of Annual Report review by both DPW and Planning will enhance the County’s ability to evaluate the adequacy of the reports.

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

| Project Name Project No. | Project Location ³ , Street Address | Name of Developer | Project Phase No. ⁴ | Project Type & Description ⁵ | Project Watershed ⁶ | Total Site Area (Acres) | Total Area of Land Disturbed (Acres) | Total New Impervious Surface Area (ft ²) |
|-----------------------------|---|-------------------|-----------------------------------|--|--------------------------------|-------------------------------|--|---|
| Private Projects | | | | | | | | |
| NONE* | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Public Projects | | | | | | | | |
| None | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Comments:

The last approved regulated private project was at the Ladera Oaks property at 3249 Alpine Road in Portola Valley. The O&M Agreement was recorded on June 17, 2010. The O&M Agreement for stormwater treatment measures at the Horse Park at Woodside (3674 Sand Hill, Woodside) is pending, but has not been approved for this reporting year.

³ Include cross streets

⁴ 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".

⁵ Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

⁶ State the watershed(s) in which the Regulated Project is located. Optional but recommended: Also state the downstream watershed(s).

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

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

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

| Project Name Project No. | Is Funding Committed? ⁹ | Date Construction Scheduled to Begin ²⁰ | Source Control Measures ¹⁰ | Site Design Measures ¹¹ | Treatment Systems Approved ¹² | Operation & Maintenance Responsibility Mechanism ¹³ | Hydraulic Sizing Criteria ¹⁴ | Alternative Compliance Measures ^{15/16} |
|-----------------------------|---------------------------------------|---|---|---------------------------------------|--|---|--|--|
| Private Projects | | | | | | | | |
| NONE* | | | | | | | | |
| | | | | | | | | |
| Public Projects | | | | | | | | |
| None | | | | | | | | |
| | | | | | | | | |

Comments:

***The last approved regulated private project was at the Ladera Oaks property at 3249 Alpine Road in Portola Valley. The O&M Agreement was recorded on June 17, Annual Report. An O&M Agreement for stormwater treatment measures at the Horse Park at Woodside (3674 Sand Hill, Woodside) is pending, but has not been approved for this year.**

⁹ For public projects, enter “Yes” or “No” under “Is Funding Committed?” and enter a date under “Date Construction Scheduled to Begin”.

¹⁰ 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.

¹¹ 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.

¹² 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.).

¹³ 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.

¹⁴ 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).

¹⁵ 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.

¹⁶ 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.

¹⁷ Note whether a third party was used to certify the project design complies with Provision C.3.d.

¹⁸ If HM control is not required, state why not.

¹⁹ 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. ► 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) ²⁰ | Party Responsible ²¹ For Maintenance | Date of Inspection | Type of Inspection ²² | Type of Treatment/HM Control(s) Inspected ²³ | Inspection Findings or Results ²⁴ |
|---------------------------------|---|---|---|-------------------------------|----------------------------------|---|---|
| Ladera Oaks | 3249 Alpine Rd, Portola Valley, CA | NO – June 2010 | Property Owner | N/A | N/A | N/A | N/A |
| Palomar Oaks | 10 thru 80 Palomar Oaks Lane Redwood City | NO – Sept. 2007 | Property Owner | N/A | N/A | N/A | N/A |
| Extra Space Storage | 477 Harbor Blvd Belmont CA | NO – Jan. 2006 | Property Owner | August 18, 2011; January 2009 | Routine | On-site CDS Unit (Vault-based) | Required Actions: 1) Include the County in the scheduled Dec. 2011 inspection (prior to clean-out) and 2) Clean up sediment in Harbor manhole. |
| Skylawn Cemetery | 100 Lifemark Road | NO – Jan. 2009 | Property Owner | August 17 2011 | Routine | On-site Swales & Retention Pipe System | Required actions: 1) Add additional Plants to a bare swale, 2) Clean out a swale with excessive debris 3) Clean out street side curb inlets/cuts with excessive debris and plant material that block water from entering swale. |
| Trestle Glen | 370 F street Colma, CA | NO – Dec. 2009 | Property Owner | N/A | N/A | N/A | N/A |

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

²⁰ Indicate “YES” if the facility was installed within the reporting period, or “NO” if installed during a previous fiscal year.

²¹ State the responsible operator for installed stormwater treatment systems and HM controls.

²² State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

²³ 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.

²⁴ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

²⁵ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality’s Enforcement Response Plan.

Permittee Name: County of San Mateo (Unincorporated Area Only)

Program Highlights

Provide background information, highlights, trends, etc.

The Industrial and Commercial Business Inspection Plan for the Unincorporated Area of San Mateo County was updated in July 2010 and the Stormwater Enforcement Response Plan was updated in April 2011.

In house Stormwater Inspectors training was completed in September 2010 for both Food and Haz Mat Inspectors. Two new food inspectors were hired during the year and they were given SMCWPPP Workshop DVD, How to Conduct Stormwater Inspections at Businesses. On-going Stormwater inspection questions are addressed at twice monthly staff meetings.

During FY 10-11, San Mateo County Environmental Health has updated the existing Memorandum of Understanding with the Atherton, Belmont, Burlingame, Brisbane, Colma, East Palo Alto, Half Moon Bay, Hillsborough, Menlo Park, Millbrae, Pacifica, Portola Valley, San Bruno, San Carlos, Redwood City, Woodside to continue to conduct and report the Stormwater Inspections at the Hazardous Material/Waste Businesses and Food Facilities. In addition, the cities of Daly City, Foster City and San Mateo have also submitted signed MOUs for Environmental Health to perform the Stormwater Inspections for their city as well, beginning FY 2011-12.

Environmental Health is continuing to update the list of facilities that potentially discharge to the storm drain system. Individual cities that have an MOU with Environmental Health work with the district inspector to check for new businesses. The Hazardous Materials Notification Form has been updated and sent to each of the City Building Departments to review and inform the County each time a business applies for a building permit. In addition, the Environmental Health Plan Checker also reviews all construction projects throughout the County for and food related facilities.

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 Attached Unincorporated Area Stormwater Active Sites for Storm Water Inspections

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 Attached Proposed Stormwater Inspection List, 7/01/2011 to 6/30/2012 Unincorporated Areas

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 | 190 | |
| Total number of inspections conducted | 190 | |
| Number of violations (excluding verbal warnings) ¹ . | 2 | |
| Sites inspected in violation ² . | 2 | 1% |
| Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner ³ . | 1 | 0.5% |

Comments:

- Environmental Health does not include verbal warnings as a violation. Verbal warnings are used as a reminder to the facility on ways to improve their BMPs and as a reminder to the inspector that a BMP was discussed at the last inspection and improvements in this area needs to be noted at the next scheduled inspection.**
- Unless otherwise noted on the Stormwater Inspection Report, multiple violations at a specific site will only be counted as one violation. Facilities with multiple violations will not be deemed resolved unless all violations have been corrected.**
- All violations noted are expected to be corrected within 10 days or sooner, depending on their potential threat to the waters of the State. If a violation takes longer than 10 days due to extreme circumstances, (corrective action requires substantial structural changes or other financial demands), the inspector will use best judgment to resolve the violation in an agreed upon, but timely manner**

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) | 1 |
| Potential discharge and other | |

Comments:

Facilities with multiple discharges or multiple potential discharges will only be counted as one discharge or one potential discharge.

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) ²⁶ | Number of Enforcement Actions Taken | % of Enforcement Actions Taken²⁷ |
|--------------|--|--|--|
| Level 1 | Verbal Warning | 3 | 60% |
| Level 2 | Warning Notice or Administrative Action | 2 | 40% |
| Level 3 | Administrative Action with Penalty and/or Cost Recovery | 0 | 0% |
| Level 4 | Legal Action | 0 | 0% |
| Total | | 5 | 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 Category²⁸ | Number of Actual Discharge Violations | Number of Potential/Other Discharge Violations |
|---|--|---|
| Food Related, Grocery Stores, Restaurants... | 0 | 1 |
| Hazardous Materials/Waste Facilities | 1 | 2 |
| Other | 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:

There were no industries identified as non-filers in the unincorporated area of San Mateo County during scheduled inspections during this fiscal year.

²⁶ Agencies to list specific enforcement actions as defined in their ERPs.

²⁷ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

²⁸ List your Program's standard business categories.

C.4.d.iii ► Staff Training Summary

| Training Name | Training Dates | Topics Covered | No. of Inspectors in Attendance | Percent of Inspectors in Attendance |
|----------------------------|--------------------|--|---------------------------------|-------------------------------------|
| Annual Refresher (Haz Mat) | September 15 2010 | What is an Illicit Discharge | 12 | 100% |
| Annual Refresher (Food) | September 22, 2010 | What is an Illicit Discharge | 14 | 88% |
| Stormwater Introduction | April & June 2010 | How to Conduct Stormwater Inspection of Businesses | 2 | 12% |
| | | | | |
| | | | | |
| | | | | |

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

| Program Highlights |
|---|
| Provide background information, highlights, trends, etc. |
| <p>County Staff continued to attend and participate in the SMCWPPP: TAC, CI/I and Municipal and Maintenance Subcommittee where Illicit Discharge Detection and Elimination objectives are discussed regularly. County Department of Public Works, Environmental Health and County Code Enforcement staff continue to respond to complaints from the public as well as canvas the area actively looking for illegal dumping and illicit dischargers to eliminate future discharges and to educate the public about the proper disposal methods for their solid and liquid waste.</p> <p>Environmental Health operates an Emergency Response Haz Mat Team that works with local fire departments to ensure that all spills are monitored and cleaned up appropriately. Last year the Emergency Response Haz Mat team responded to 39 calls.</p> |

| C.5.c.iii ► Complaint and Spill Response Phone Number and Spill Contact List | | |
|---|---|--------------|
| List below or attach your complaint and spill response phone number and spill contact list. | | |
| Contact | Description | Phone Number |
| Steve Fischer | Road Manager to send out crews to check complaint during working hours | 650-363-4103 |
| Public works emergency response | Call On-Duty Road Supervisor to check out complaint during after hours | 650-363-4100 |
| San Mateo County Emergence Response Team | Activated through the local Fire Departments through 911 | |
| Dermot Casey | Stormwater Coordinator | |
| List of County Wide Illicit Discharge Inspectors | http://www.flowstobay.org/bs_illicit_discharge.php | |

| 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. |
| <p>Description:</p> <p>San Mateo County Facilities, Maintenance and Maintenance does not hire mobile business.</p> <p>San Mateo 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.</p> <p>Environmental Health permits Mobile Food Vendors for proper BMPs regarding all food waste, rubbish and liquid waste containment and disposal.</p> |

Educational material is issued at time of inspection and individual permits can be denied for failure to comply.

Additionally, both Environmental Health and Public Works staff continually respond to complaint from the public or other observed illicit discharge from mobile cleaners.

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:

The Department of Public Works continued to implement the Collection Screening Program as required by the MRP. Routine maintenance and inspections are performed through out the unincorporated areas of San Mateo County, as well as the County Parks. All catchments, v-ditches, curbs and pipes are inspected and cleaned just before the start of the rainy season and during significant storm events.

Removed material is disposed of, as would be material of similar nature (ie...tree debris is transported to green waste stockpile at County's Corporation Yard and chipped periodically when the stockpile becomes larger). Chips are then used in routine maintenance efforts on an as needed basis.

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 |
|--|--------|------------|
| Discharges reported (C.5.f.iii.(1)) | 25 | |
| Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2)) | 0 | 0% |
| Discharges resolved in a timely manner (C.5.f.iii.(3)) | 25 | 100% |

Comments:

The Roads Maintenance Section received 25 calls for illicit discharge. 21 of these were confirmed by the crews. The remaining 4 had already been responded to by the owners of the property by the time that the Roads Crew arrived. Materials found included: antifreeze, concrete, construction debris, food wastes, paint, motor oil, wall compound, and yard wastes. Much of the materials dumped were one time incidents; if the discharger was nearby; they were given a verbal warning; otherwise, the material was removed; therefore no followup was required.

Additionally, 24 sanitary system overflows were recorded within the ten sewer maintenance/sanitation districts that are operated and maintained by the County of San Mateo Department of Public Works. Of the 24 recorded discharges, seven reached Waters of the State. For seven of the ten sewer districts, 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 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.

For the 25 illicit discharges complaints tracked by the Roads Maintenance Section and reported in C.5.f.iii (1) above, the types of materials found included: antifreeze (2), concrete (1), construction debris (7), food wastes (1), paint (1), motor oil (3), wall compound (1), and yard wastes (9).

A detail of the sanitary system overflows is included in table below.

| Incident Date | 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 |
|---------------|----------------|-----------------|----------|------------------|-------------------------|--|---|--|--------------------------------------|
| 9/30/2010 | 2 | 3022 Canyon Rd | BHSMD | 180 | Unpaved Surface | 0 | 0 | 180 | Paper |
| 10/3/2010 | 1 | 228 Windsor Dr | DCSD | 700 | Storm Drain | 700 | 0 | 0 | Wipes |
| 10/21/2010 | 2 | 3065 Hoover St | FOSMD | 70 | Storm Drain | 0 | 70 | 0 | Wipes |
| 10/25/2010 | 2 | 1111 Canada Rd | FOSMD | 420 | Unpaved Surface | 0 | 218 | 202 | Wipes, grease, gravel |
| 10/30/2010 | 2 | 3227 Page St | FOSMD | 250 | Street and gutter | 0 | 250 | 0 | Wipes, small amt of grease and roots |
| 11/5/2010 | 2 | 201 Polhemus Rd | CSCSD | 100.5 | Building | 0 | 100.5 | 0 | Roots, break in line (repaired) |
| 11/8/2010 | 2 | 75 Cebalo Ln | FOSMD | 60 | Paved & Unpaved Surface | 0 | 20 | 40 | Wipes, small amt of roots |
| 11/17/2010 | 2 | 1835 Randall Rd | CSCSD | 63 | Unpaved Surface | 0 | 63 | 0 | Roots |

FY 2010-2011 Annual Report

C.5 – Illicit Discharge Detection and Elimination

Permittee Name: County of San Mateo (Unincorporated Area Only)

| | | | | | | | | | |
|------------|---|-------------------------|--------|-------|-----------------|-------|-------|-------|---------------------------------------|
| 11/19/2010 | 1 | 2804 Adeline Dr | BHSMD | 2,100 | Storm Drain | 2,050 | 50 | 0 | Grease |
| 12/24/2010 | 2 | 1432 Bel Aire Rd | CSCSD | 200 | Unpaved Surface | 0 | 0 | 200 | Roots, break in line (repaired 12/27) |
| 1/2/2011 | 1 | 2300 Middlefield Rd | FOSMD | 1,950 | Storm Drain | 150 | 1,800 | 0 | Vandalism, grease, rags, latex gloves |
| 2/13/2011 | 1 | 230 Todo El Mundo | FOSMD | 2,700 | Unpaved Surface | 0 | 0 | 2,700 | Vandalism, debris |
| 2/15/2011 | 2 | 855 Hillcrest Dr | OKSMD | 5 | Paved Surface | 0 | 5 | 0 | Grease |
| 2/18/2011 | 1 | 225 Hillsdale Way | ELHSMD | 49 | Storm Drain | 49 | 0 | 0 | Unknown |
| 3/14/2011 | 2 | 500 Broadway | FOSMD | 5 | Street / Gutter | 0 | 5 | 0 | Sand |
| 3/18/2011 | 1 | 168 Bardet Rd | FOSMD | 1,450 | Surface Water | 1,450 | 0 | 0 | Rags |
| 3/20/2011 | 2 | 225 Hillsdale Way | ELHSMD | 214 | Unpaved Surface | 0 | 0 | 214 | Roots |
| 4/6/2011 | 2 | 117 Broadway | FOSMD | 80 | Storm Drain | 0 | 80 | 0 | Paper, pipe fragments |
| 4/8/2011 | 2 | 98 Kilroy Way | FOSMD | 29 | Unpaved Surface | 0 | 0 | 29 | Roots |
| 4/19/2011 | 2 | 390 Devonshire Blvd | DCSD | 5 | Unpaved Surface | 0 | 5 | 0 | Roots, grease |
| 5/5/2011 | 2 | 225 Hillsdale Way | ELHSMD | 6 | Unpaved Surface | 0 | 0 | 6 | Operator error |
| 5/13/2011 | 1 | 604 5 th Ave | FOSMD | 57 | Storm Drain | 57 | 0 | 0 | Grease |
| 6/13/2011 | 1 | 3052 Canyon Rd | BHSMD | 20 | Easton Creek | 10 | 0 | 10 | Roots |
| 6/21/2011 | 2 | 124 La Mesa Dr | BHSMD | 3 | Unpaved Surface | 0 | 0 | 3 | Roots, paper |

Section 6 – Provision C.6 Construction Site Controls

| C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals | | Public Works & Planning |
|---|--|---|
| Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a) | Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b) | Total number of storm water runoff quality inspections conducted (C.6.e.iii.1.c) |
| 44 | 5 | 167 |
| <p>Public Works Comments: In addition to the inspections reported above, a qualified biologist monitored all construction projects conducted by DPW Roads Department staff during the dry season in sensitive habitat areas. DPW construction inspectors monitored all dry season construction performed by County-retained contractors in conformance with a specific set of plans and specifications including measures for Water Pollution Control.</p> <p>Planning Comments: In response to the NOV issued to the County in January 2011, the County put together a list of “Stormwater Regulated Construction Sites” (February 2011). The sites inspected, as shown above, are the sites where grading or construction had taken place between October 1, 2010 and April 30, 2011. Sites on the list that were not inspected during this time include those sites that have not commenced land disturbance activities or those that were completed prior to October 1, 2011.</p> | | |

| C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations | Public Works & Planning | |
|---|------------------------------------|------------------------------|
| BMP Category | Number of Violations | % of Total Violations |
| Erosion Control | 29 | 24% |
| Run-on and Run-off Control | 5 | 4% |
| Sediment Control | 47 | 40% |
| Active Treatment Systems | 0 | 0% |
| Good Site Management | 27 | 23% |
| Non Stormwater Management | 11 | 9% |
| Total | 119 | 100% |

| C.6.e.iii.1.f, g ► Illicit Discharges | Public Works & Planning | |
|---|-------------------------|--|
| | Number | |
| Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f) | 11 | |
| Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g) | 30* | |

* Total Sites with Problems Fixed is 28 sites of the 30 sites.

| C.6.e.iii.1.h, i ► Violation Correction Times | Public Works & Planning | |
|---|-------------------------|---------|
| | Number | Percent |
| Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h) | 25 | 45% |
| Violations corrected within 30 days | 14 | 24% |
| Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i) | 16 | 29% |
| Total number of violations for the reporting year ²⁹ | 55 | 100% |

Public Works Comments:

Comments: For the three violations/enforcement actions taken during DPW wet season construction site inspections, one was corrected the same day, one was corrected within 10 business days, and one was corrected within 12 business days.

Planning Comments:

There were 16 violations (29% of all violations) that were not fully corrected within 30 days after violations are discovered, however, all violations were eventually corrected. This is attributed to two factors: 1) Building Inspectors performed re-inspections of the site within 10 days of when violations were observed, but violations continued to persist. In these instances, Building Inspectors should escalate the enforcement action to include fines and/or a Stop Work Notice (SWN). The County will conduct internal training prior to the start of the 2011 Wet Season in order to assist the inspectors in achieving timely correction from construction site managers; 2) From the date a violation was observed, the Building Inspector did not schedule a date for re-inspection of the site within 10 days and observed continued violations at the next monthly wet season inspection. In these instances, Building Inspectors will need to remember to schedule a re-inspection within 10-days. The County will conduct internal training prior to the start of the 2011 Wet Season in order to remind inspectors of this requirement.

²⁹ Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

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

Public Works & Planning

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.).

Public Works Description:

The problems that were detected during DPW wet season construction sites inspections were related to sediment control, specifically the need for additional wattles and inlet filters, and site management. The problems were corrected in a timely manner.

Planning Description:

The County initiated enhanced procedures for wet-season construction inspections in January 2011 and implemented the program until April 30, 2011. Opportunities for improvement in the following areas will be addressed during an internal training for Building Inspectors prior to the start of the 2011 Wet Season: 1) Conduct at least one regular monthly inspection at each site during the wet season, 2) Perform timely re-inspections, 3) Use tools to achieve timely correction (i.e., SWNs), and 4) Fill out a Construction Site Inspection Form for each inspection regardless of whether you see a violation.

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

Planning

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

Public Works Description:

County staff worked as a team to compile the necessary reports using the revised construction inspection forms and to enter the data into the inspection tracking database. We are continuing to improve on our ability to coordinate among various departments and divisions to effectively manage inspection data and ensure that construction BMPs are being implemented as required. County staff from multiple departments participate in the countywide program’s committees/work groups. Inspectors attended multiple trainings in FY 2010-11, a summary of which is provided below.

Planning Description:

For Storm Water Regulated Sites (SWRS), which includes sites over 1 acre and high priority sites, the County will conduct a separate internal training for Planners to provide on-going training in the identification of these sites. Recently, the NPDES representative has worked with the County’s Planning & Building Department’s technical staff to provide information necessary in the determination of an SWRS (i.e., area of land disturbance, parcel slope, parcel distance to a creek) in an easily accessible format (i.e., within the permit system). These program improvements will improve the consistency by which SWRS projects are identified.

| C.6.f ► Staff Training Summary | | | Public Works & Planning | |
|--|------------------|--|---|-------------------------------------|
| Training Name | Training Dates | Topics Covered | No. of Inspectors in Attendance | Percent of Inspectors in Attendance |
| SMCWPPP | 3/17/2011 | Countywide Program's stormwater inspection checklist for construction sites; MRP requirements for stormwater inspections of construction sites; enforcement requirements for stormwater violations in the Countywide Program's ERP template and the MRP; MRP requirement for data tracking and reporting on the results of inspections | 4 | 75% |
| APWA/SMCWPPP | 4/26-28/2011 | QSP/QSD Workshop including information on construction site BMPs | 4 | 75% |
| Stormwater Orientation for Municipal Staff | January 25, 2011 | General NPDES C3 training | 1 building permit technician; 1 planner | N/A |
| CalBIG Meeting | March 17, 2011 | C6 Requirements: Inspection & Reporting | 4 inspectors; 1 planner | 80% |
| PCBs in Caulk Implementation Trials | July 26, 2011 | Permitting process trails for implementation of regulations pertaining to handling of caulk in remodel and demolition projects | 1 building permit technician; 1 planner | N/A |
| CalBIG Meeting | August 10, 2011 | Construction BMPs – what to look for at the construction site | 1 Inspector; 1 planner | 20% |

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 report developed by BASMAA is included within the C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report:
FY 10-11 Regional Outreach Strategic Plan

C.7.b.iii.1 ► Pre-Campaign Survey

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

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

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

| | |
|-----|----------------------------------|
| N/A | Survey report attached |
| N/A | 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 10-11:
 • **BASMAA Media Relations Final Report FY 10-11**
This report and any other media relations efforts conducted countywide is included within the C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report.

Additional media relations efforts were conducted by the County DPW RecycleWorks Program. For details, please refer to “Unincorporated and Countywide RecycleWorks Programs and Outreach for 2010”, which is included as an attachment to this Annual Report.

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 10-11:
There has been no Change in the Contact Info.

C.7.e ► Public Outreach Events

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.
 Use the following table for reporting and evaluating public outreach events

| Event Details | Description (messages, audience) | Evaluation of Effectiveness |
|--|--|--|
| Provide event name, date, and location. Indicate if event is local, countywide or regional. | Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscene presentation, pesticides, stormwater awareness) | Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted |
| <p>The following outreach events were done on a countywide level by SMCWPPP and are included in the C.7 Public Information and Outreach section of Program’s FY 10-11 Annual Report:</p> <ul style="list-style-type: none"> • FY 10-11 Coordination of California Coastal Cleanup Day in San Mateo County, September 25, 2010. • FY 10-11 Maker Faire at the County Expo Center, May 21-22, 2011. • FY 10-11 County Fair, June 11-19, 2011. | | |
| South San Francisco Day In the Park, 9/18/2010, Orange Park, South San Francisco (local event) | Local fair-type event with a variety of vendors and information booths; varied audience. | Well-attended; distributed 200 pocket ashtrays, 475 environmental health haz. waste and recycling brochures, ~1,000 promotional items, |

| | | |
|---|---------------------|--|
| | | 1,300 children's activity guides, 150 pesticide toxicity control brochures, and 175 general stormwater brochures. |
| South San Francisco Community Preservation Task Force Meeting, 2/9/2011, South San Francisco | Public presentation | 45 minute presentation; 15 people in attendance; presentation focused on San Mateo County Flood Control District's (SMC FCD) role in cleaning and monitoring Colma Creek and discussed future opportunities for community involvement. |
| <p><u>Additional Public Outreach Events:</u></p> <p>In addition to the public outreaches events listed above, which were conducted by or in coordination with SMCWPPP, the County DPW RecycleWorks Program also conducted stormwater-related outreach. A brief summary of RecycleWork outreach efforts is provided below. For additional information please refer to "Unincorporated and Countywide RecycleWorks Programs and Outreach for 2010", which is included as an attachment to this Annual Report.</p> <ul style="list-style-type: none"> a. The RecycleWorks website had 608,149 website visitors in 2010. b. North Fair Oaks Festival (North Fair Oaks area of Redwood City/Menlo Park) on August 22, 2010. North Fair Oaks community-wide fair. c. Master Composter Workshop. Homeowners and gardeners d. Peninsula Home Shows at San Mateo Event Center (Sept. 17-19, 2010) e. RecycleWorks program certified 30 Master Composters f. The Green Building program gave 10 presentations and workshops on green building sustainability. g. Master Composters conducted 10 workshops on backyard composting throughout the County of San Mateo. h. 18 Businesses were certified in the San Mateo Green Business Program. i. The San Mateo County Green Team hosted 12 lunchtime "Green Bag" lectures on a variety of environmental topics. j. Conducted eight (8) Sustainable Gardening lectures and tabled at eight (8) Farmers Markets. k. Sent out 52 countywide email outreach messages on an email list serve (Savicom) to over 2080 subscribers to various e-lists. l. Received and responded to over 2334 email inquiries for information on composting, green business, facilities, and schools through | | |

recycleworks.org.

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:
See Countywide program summary of efforts conducted at the countywide or regional level.

County of San Mateo staff work with the countywide program to support the activities of the Watershed Stewardship Collaborative, and the smaller local collaboratives that work in the unincorporated areas of the county.

C.7.g. ► Citizen Involvement Events

List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.

| Event Details | Description | Evaluation of effectiveness |
|--|--|--|
| Provide event name, date, and location. Indicate if event is local, countywide or regional | Describe activity (e.g., creek clean-up, storm drain marking etc.) | Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Number of inlets marked. • Data trends |

FY 2010-2011 Annual Report

C.7 – Public Information and Outreach

Permittee Name: County of San Mateo (Unincorporated Area Only)

| | | |
|--|--|--|
| <p>Coastal Cleanup Day in collaboration with Save The Bay, SMCWPPP, Coastal Commission and the City of South San Francisco, 9/25/2010, Colma Creek upstream and downstream of Utah Avenue (regional event)</p> | <p>Creek clean-up day</p> | <p>138 volunteers; litter removed along 1 mile of creek channel; approximately 1250 lbs of trash and 215 lbs of recyclables.</p> |
| <p>Colma Creek Planting Event, 11/13/2010, Colma Creek mitigation area downstream of Utah Avenue (local event, program is regional)</p> | <p>Native planting day</p> | <p>36 volunteers; 189 native plants planted.</p> |
| <p>Taking Out the Trash Litter Cleanup/Audit in collaboration with Clean Water Action (CWA) and the City of South San Francisco, 1/8/2011, 2 sites – El Camino Real & Mission Road, South San Francisco (local event, program is regional)</p> | <p>Street litter cleanup and audit</p> | <p>Sidewalks along 1.1 miles of roadway; 6 participants plus staff from CWA; results and additional information available at: http://www.cleanwater.org/programinitiative/taking-out-trash-california-0</p> |
| <p>Taking Out the Trash Litter Cleanup/Audit in collaboration with CWA and the City of South San Francisco, 1/22/2011, 2 sites – El Camino Real & Mission Road, South San Francisco (local event, program is regional)</p> | <p>Street litter cleanup and audit</p> | <p>Sidewalks along 1.1 miles of roadway; 11 participants plus staff from CWA; results and additional information available at: http://www.cleanwater.org/programinitiative/taking-out-trash-california-0</p> |
| <p>Taking Out the Trash Litter Cleanup/Audit in collaboration with CWA and the City of South San Francisco, 3/5/2011, 2 sites – El Camino Real & Mission Road, South San Francisco (local event)</p> | <p>Street litter cleanup and audit</p> | <p>Sidewalks along 1.1 miles of roadway; 7 participants plus staff from CWA; results and additional information available at: http://www.cleanwater.org/programinitiative/taking-out-trash-california-0</p> |
| <p>National Rivers Cleanup Day in collaboration with the City of South San Francisco, 5/21/2011, Colma Creek downstream of Utah Avenue (local event)</p> | <p>Creek clean-up</p> | <p>5 volunteers; approximately 5 cubic yards of trash removed</p> |
| | | |

C.7.h. ► School-Age Children Outreach

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

| Program Details | Focus & Short Description | Number of Students/Teachers reached | Evaluation of Effectiveness |
|---|---|-------------------------------------|---|
| Provide the following information: Name Grade or level (elementary/ middle/ high) | Brief description, messages, methods of outreach used | Provide number or participants | Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable. |
| Pescadero Elementary | Banana Slug String Band: Water pollution, watershed ecology, storm-drain runoff and water conservation | 85 | Survey results are posted on the FlowstoBay Website under the PIP section, or go to www.BananaSlugStringBand.com |
| La Honda Elementary | Banana Slug String Band: Water pollution, watershed ecology, storm-drain runoff and water conservation | 150 | Survey results are posted on the FlowstoBay Website under the PIP section, or go to www.BananaSlugStringBand.com |

Additional School-Age Children Outreach:

In addition to the school-age children outreach program listed above, which were conducted by or in coordination with SMCWPPP, the County DPW RecycleWorks Program also conducted stormwater-related school-age children outreach. A brief summary of RecycleWork school-age children outreach efforts is provided below. For additional information please refer to “Unincorporated and Countywide RecycleWorks Programs and Outreach for 2010”, which is included as an attachment to this Annual Report.

- a. Published the annual school newsletter, “Resource Conservation News”, distributed to 7000 FTE (Full Time Equivalent) teachers and school administrators in San Mateo County.
- b. Distributed 26 bottle and can bins with signage to six public and private schools.
- c. In 2010, RecycleWorks’ Schools Program gave 55 presentations on the 4R’s, 32 presentations on composting, and 10 classroom field trips to over 4,500 students (3,533 students 4R’ presentations, 888 students compost presentations, 300 students classroom field trips).

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary

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

Section 9 – Provision C.9 Pesticides Toxicity Controls

| | | | |
|---|-------------------------------------|-----------------|--|
| C.9.a ▶ Adopt an Integrated Pest Management (IPM) Policy or Ordinance | | | |
| Attach a copy of your individual IPM ordinance or policy. <i>(Water Board staff requested resubmittal for FY 10-11.)</i> | <input checked="" type="checkbox"/> | Attached | <input type="checkbox"/> Not attached , explain below |
| <p>If Not attached, explain: Revised IPM attached; to be adopted by County Board of Supervisors in Spring 2012. Once the revised IPM policy is adopted by the County Board of Supervisors, the IPM policy document and Resolution will be provided to the Regional Board.</p> | | | |
| <p>Describe mechanism for adopting/formalizing your agency's IPM ordinance or policy (e.g., department head approval, integration into SOPs, staff training): The County Board of Supervisors adopted the County of San Mateo IPM as a policy document on June 8, 2010. 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 over the past year. The revised document is attached. It is anticipated that the revised IPM policy document will be presented to the County Board of Supervisors for adoption in Spring 2012 following a full review of the County Vegetation Management Program, which is currently underway.</p> | | | |

| | |
|--|----------------------------|
| C.9.b ▶ Implement IPM Policy or Ordinance | |
| <p>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.</p> <p>The County IPM was adopted on June 8, 2010 and has since been implemented accordingly. None of the listed pesticides (organophosphates, pyrethroids, carbaryl, and fipronil) were used by the County Parks or the Department of Public Works Roads Division during FY 10-11. Limited amounts were used by the County Maintenance and Operations Facilities (a division of the Department of Public Works) contractor to treat for pests and rodents outside of County facilities during FY 10-11 and are reported below. The amount of the listed pesticides used by County Maintenance and Operations Facilities 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.</p> <p>As mentioned above, the County is currently in the process of reviewing its Vegetation Management Program to develop long term strategies that strive to minimize the use of pesticides. The Department of Public Works has committed to using no herbicides for the purpose of roadside vegetation management until this program analysis has been completed.</p> | |
| Trends in Quantities and Types of Pesticides Used³⁰ | |
| Pesticide Category and Specific Pesticide Used | Amount³¹ |

³⁰ Includes all municipal structural and landscape pesticide usage by employees and contractors.

| | FY 09-10 | FY 10-11 | FY 11-12 | FY 12-13 | FY 13-14 |
|-----------------------------|----------|----------|----------|----------|----------|
| Organophosphates | 0 | 0 | | | |
| Product or Pesticide Type A | N/A | N/A | | | |
| Product or Pesticide Type B | N/A | N/A | | | |
| Pyrethroids | 0 | 367 ozs | | | |
| Product or Pesticide Type X | N/A | N/A | | | |
| Product or Pesticide Type Y | N/A | N/A | | | |
| Carbaryl | 0 | 0 | | | |
| Fipronil | 0 | 4 ozs | | | |

C.9.c ▶ Train Municipal Employees

| | |
|--|------|
| Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year. | 5 |
| Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years. | 14 |
| Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years. | 100% |

C.9.d ▶ Require Contractors to Implement IPM

| | | | | |
|---|-------------------------------------|-----|--------------------------|----|
| Did your municipality contract with any pesticide service provider in the reporting year? | <input checked="" type="checkbox"/> | 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:

County Maintenance and Operations Facilities contracts with Genesis Pest Control, to treat for pests and rodents in and around County facilities. The contract was executed in prior to the adoption of the IPM policy by the County Board of Supervisor in June 2010; therefore, the IPM policy was not incorporated into the contract specifications. The contract is currently in the process of being renewed and the IPM policy and standard operating procedures will be incorporated.

³¹ Weight or volume of the product or preferably its active ingredient, using same units for the product each year.

County Parks contracts with West Coast Wildlands (contract attached) for herbicide applications associated with vegetation management of the San Bruno Mountain Habitat Conservation Plan. The remainder of herbicide applications is performed by County Parks staff in accordance with the County IPM.

West Coast Wildlands was consulted regarding the adoption of the IPM policy in 2010 and was provided a copy of the finalized document. The County Parks Division 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%20Mangagement%20Guidelines.](http://www.co.sanmateo.ca.us/Attachments/parks/Files/Parks%20Planning/Other%20Planning%20Efforts/Vegetation%20Mangagement%20Guidelines)

Herbicide applications associated with roadside vegetation management are performed by County Department of Works staff in accordance with the County IPM. While San Mateo County does not contract out for vegetation management along its roadsides, Sierra Consulting and IPM, LLC provides vegetation management consultation services to the Department of Public Works. Sierra Consulting and IPM, LLC was consulted regarding the adoption of the IPM policy in 2010 and was provided a copy of the finalized document. The Department of Public Works requires that all management decisions be consistent with the County IPM policy document. The Department of Public Works is in the process of contracting with another IPM certified consultant and biologist team to provide an independent analysis of the County's Vegetation Management Program to develop long term strategies that strive to minimize the use of pesticides. The Department of Public Works has committed to using no herbicides for the purpose of roadside vegetation management until this program analysis has been completed.

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 10-11, we participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern 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"/> |
| 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 Program's FY 10-11 Annual Report for information on point of purchase public outreach conducted countywide and regionally. | |

| | |
|--|--|
| 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 of Program's FY 10-11 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.i ▶ Short-Term Trash Loading Reduction Plan

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

Description:

Please see the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees. County staff participates in the SMCWPPP Municipal Maintenance Subcommittee's Trash Work Group which is involved in the development and review of trash reduction strategies, tracking methods, and reduction plans.

The County began implementing trash load reduction strategies that will be incorporated into the short-term trash load reduction plan. Examples are provided below:

- **In February 2011, the County Board of Supervisors adopted an ordinance prohibiting food vendors from using polystyrene based disposable food service ware. The ordinance became effective as of July 1, 2011.**
- **County Board of Supervisors drafted a proposed ordinance banning the use of plastic bags at all retail stores in unincorporated San Mateo County and will be conducting public hearings for comments on the proposed ordinance throughout the next year.**
- **Twenty-eight (28) full trash capture devices were installed throughout unincorporated San Mateo County.**
- **The County increased education and outreach efforts (see information provided in C.10.d below).**
- **An improved curbside trash collection system was implemented in the South Bayside Waste Management Authority Joint Powers Authority service area and is reducing fugitive litter.**
- **SMC FCD staff is working collaboratively with the municipalities with jurisdiction over watershed lands draining into SMC FCD-maintained channels that are located outside of the unincorporated San Mateo County boundary. County and SMC FCD staff, along with staff from the City of SSF, participate in the CWA Taking Out the Trash Pilot Project by providing project support including attending advisory board meetings and planning for Colma Creek watershed litter audits. The goal of the project is to develop and promote zero waste/trash prevention strategies to reduce sources of trash (i.e., disposable items and packaging). The project involves the following:**
 1. **Gathering information on the types of trash being captured in local storm drains (litter audits),**
 2. **Developing educational materials,**
 3. **Engaging volunteers and community groups as educators, and**
 4. **Educating and engaging local businesses in developing solutions.**

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

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

Description:

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

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

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

Description:

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

During the summer 2010, County DPW installed four (4) full trash capture devices (West Coast Storm connector pipe screens and auto retractable screens) in the unincorporated North Fair Oaks community as a pilot testing. DPW was satisfied with the performance of the units, and during Spring 2011 installed twenty-eight (28) additional West Coast Storm units throughout unincorporated San Mateo County. Funding for the additional units was provided through the Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership. Although the catchment areas for the installed full trash capture devices have not been finalized, it is estimated that approximately 50 acres are currently being treated. This meets the MRP minimum trash capture area (21 acres) for unincorporated San Mateo County.

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

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

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

| Trash Hot Spot | Cleanup Date | Volume of Material Removed | Dominant Type of Trash | Trash Sources (where possible) |
|-----------------------|-------------------------|----------------------------|--|--|
| Belmont Creek (BEL01) | 10/25/2010 | 1 cubic yard | Styrofoam, bottles, plastic bags, paper/cardboard, and leaf litter | Trash accumulation from upstream sources, littering, and homeless encampments. |
| Colma Creek (COL01) | 9/11/2010, 9/25/2010 | 1.1 cubic yards | Convenience/fast food items, Styrofoam, bottles, plastic bags, and balls | Trash accumulation from upstream sources, littering, and storm drain outfalls |
| | | | | |
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| | | | | |

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

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

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

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

| Type of Trash Load Reduction Action | Date of First Implementation | Level of Implementation (specify if level was increased after MRP adoption) | Total Trash Load Removed by Action | Dominant Types of Trash Removed by Action |
|--|------------------------------|---|------------------------------------|---|
| <p>note: "Trash loads removed" were not tracked for all trash load reduction actions this fiscal year. Once the Trash Load Reduction Tracking Method is developed (see Provision C.10.a.ii), trash loads removed will be documented for each load reduction action. See the Program's FY10-11 Annual Report for schedule.</p> | | | | |
| <p>San Mateo County Environmental Health Household Hazardous Waste Collection and Very Small Quantity Generator (Business) Programs</p> | <p>1985</p> | <p>162 HHW Events 24 VSQG Events</p> | <p>412 Tons</p> | <p>Latex Paint 183 Tons or 44%</p> |

FY 2010-2011 Annual Report

C.10 – Trash Load Reduction

Permittee Name: County of San Mateo (Unincorporated Area Only)

| | | | | |
|---|---|---|---------|--|
| <p>Recology - Door to Door HHW Collection FY 2010-11 Data is not available until October. * Data to be posted at: http://www.calrecycle.ca.gov/HomeHazWaste/Reporting/Form303/FY200910/CollTotal.xls</p> | 2009 | * | * | * |
| <p>County ordinance prohibiting food vendors from using polystyrene based disposable food service ware.</p> | <p>Adopted 2/15/2011; Effective 7/1/2011</p> | <p>Level increased after MRP adoption</p> | Unknown | <p>Polystyrene based disposable food service ware</p> |
| <p>The County continues to participate in the BayROC “Bring your Own Bag” Campaign to reduce plastic bag waste at stores within the County.</p> | <p>BAYROC Program began in 2000</p> | <p>Level has remained constant during this period</p> | Unknown | <p>Single-use plastic bags</p> |
| <p>County DPW RecycleWorks partnered with San Mateo County Green Team to offer reusable water bottles, and bags promoting reduction of single use water bottles and bags.</p> | <p>January 2008</p> | <p>Level has remained constant during this period</p> | Unknown | <p>Single-use beverage containers and plastic bags</p> |
| <p>On January 1/1/11, a significantly improved curbside collection program for trash, recycling and organics was launched in the South Bayside Waste Management Authority (SBWMA) Joint Powers Authority service area. This service area consists of 90,000 households, 20,000 multifamily dwelling accounts and 20,000 commercial accounts in the twelve municipalities that comprise the SBWMA. These twelve municipalities are: East Palo Alto; Menlo Park; Atherton; Redwood City; San Carlos, Belmont; Foster City; San Mateo; Burlingame; Hillsborough; County of San Mateo (unincorporated franchised area) and West Bay Sanitation District. The new service provider, Recology of San Mateo County (RSMC), uses a fully automated collection program that uses a system of 400,000 plastic carts with wheels and lids that are provide to each account that has reduced fugitive litter during the weekly collection of</p> | <p>1/1/11</p> | <p>Level has been increased/improved since MRP adoption</p> | Unknown | <p>Household</p> |

FY 2010-2011 Annual Report

C.10 – Trash Load Reduction

Permittee Name: County of San Mateo (Unincorporated Area Only)

| | | | | |
|---|--------------------|---|-------------------------------|----------------------------|
| <p>these materials in the homes and commercial structures within this service area. The previous service provider's outdated collection system utilized the various personal garbage cans and small, open bins for recyclables that inadvertently allowed small amounts of debris to escape during the collection process. An additional litter reduction measure that has been implemented during this conversion period is the synchronization of street sweeping routes with the garbage and recycling collection routes to further mitigate litter. The County DPW street sweeping operations staff has worked closely with RSMC operations staff to ensure maximum scheduling coordination which has resulted in litter reduction.</p> | | | | |
| <p>During Spring 2011, County DPW installed twenty-eight (28) West Coast Storm units throughout unincorporated San Mateo County. Funding for full trash capture devices was provided through the Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership.</p> | <p>Spring 2011</p> | <p>Units installed after MRP adoption</p> | <p>Not known at this time</p> | <p>Mixed street litter</p> |

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ► Mercury Recycling Efforts

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

The San Mateo County Environmental Health Division operates a Household Hazardous Waste (HHW) and Very Small Quantity Generator (VSQG) Programs which assisted approximately 11,530 households and 292 businesses throughout San Mateo County in disposing of their unwanted hazardous waste during the FY 10-11

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.

A draft technical memorandum describing initial load reduction quantification methods for PCBs and mercury was submitted to the Water Board in the BASMAA FY 2009-10 Regional POCs and Monitoring Annual Report supplement. Written comments from Water Board and Permittee staff were received on the technical memorandum. In FY 2011-12, BASMAA member agencies plan to revise methods presented in the draft memorandum in response to the comments. Once the methods are completed, they will be used to estimate loads removed via the collection/recycling of mercury-containing products. See the FY 2010-11 Countywide Program Annual Report and BASMAA Regional POCs and Monitoring Annual Report supplement for more information.

Amount collected:

During the FY 10-11, the HHW and VSQG Program collected and properly disposed of 864 pounds of Mercury. In addition, they also collected and disposed of 14,313 pounds of fluorescent light tubes containing Mercury.

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

Section 12 - Provision C.12 PCBs Controls

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

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

Description:

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

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:

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

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

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

Section 13 - Provision C.13 Copper Controls

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

(For FY 10-11 Annual Report only) Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?

| | | | |
|---|-----|--|----|
| X | Yes | | No |
|---|-----|--|----|

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

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

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

| | | | |
|---|-----|--|----|
| X | Yes | | No |
|---|-----|--|----|

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

C.13.c ► Vehicle Brake Pads

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

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
Existing Hazardous Waste Regulations continue to be enforced to minimize the potential release of copper from auto repair shops, metal plating shops and pool and fountain maintenance services.

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

Report on progress of studies being conducted countywide or regionally to reduce copper pollutant impact uncertainties. State below if information is reported in a separate regional report.

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

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

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

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

Summary

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

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

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

| | | | | |
|---|-------------------------------------|-----|--------------------------|----|
| Is your agency a water purveyor? | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/> | No |
| If No , skip to C.15.b.vi.(2): | | | | |
| If Yes , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below. | | | | |
| Comments: There were no planned or unplanned discharges to water bodies or creeks. | | | | |

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

| |
|---|
| <p>Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:</p> <ul style="list-style-type: none"> • Promote conservation programs • Promote outreach for less toxic pest control and landscape management • Promote use of drought tolerant and native vegetation • Promote outreach messages to encourage appropriate watering/irrigation practices • Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff. <p>The San Mateo Countywide Water Pollution Prevention Program 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 Guide books, along with other Gardening outreach material can be found at http://www.flowstobay.org/cs_request_materials.php</p> <p>The San Mateo County 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.</p> <p>These materials were also distributed at the outreach events summarized in C.7 above.</p> <p>In additional, Multiple efforts through DPW Recycle Works program, County Green Portal 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</p> |
|---|

www.co.sanmateo.ca.us/portal/site/freenportal
www.flowstobay.org/cs_yard_garden.php
www.flowstobay.org/cs_pest_control.php
www.flowstobay.org/cs_outreach.php
www.flowstobay.org/cs_request_materials.php

| 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/day) | Chlorine Residual (mg/L) | pH (standard units) | Discharge Turbidity ³² (NTU) | Implemented BMPs & Corrective Actions |
| There were no planned discharges of potable water during FY 2010-11 | | | | | | | | | | |
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³² 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/day) | Chlorine Residual (mg/L) | pH (standard units) | Discharge Turbidity³² (NTU) | Implemented BMPs & Corrective Actions |
| | | | | | | | | | | |

| C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System ³³ | | | | | | | | | | | | | | |
|---|----------------|--------------------------|-------------------|------------------------------------|----------------------------|-----------------------------------|--|-----------------------------------|--|---------------------------------------|-----------------------------|---|------------------------|------------------------------|
| Site/ Location | Discharge Type | Receiving Waterbody(ies) | Date of Discharge | Discharge Duration (military time) | Estimated Volume (gallons) | Estimated Flow Rate (gallons/day) | Chlorine Residual (mg/L) ³⁴ | pH (standard units) ⁵² | Discharge Turbidity (Visual) ⁵² | Implemented BMPs & Corrective Actions | Time of discharge discovery | Regulatory Agency Notification Time ³⁵ | Inspector arrival time | Responding crew arrival time |
| There were no unplanned discharges of potable water during the FY 2010-11 | | | | | | | | | | | | | | |
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³³ This table contains all of the unplanned discharges that occurred in this FY.

³⁴ 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.

³⁵ 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.

Unincorporated Area StormWater

| Active Sites for Storm Water Inspections | | | | 192 Sites |
|--|------|-----------------------|------------|-----------|
| Report run 6/30/2011 | | | | |
| EL GRANADA MARKET | 401 | ALHAMBRA | EL GRANADA | FA0002070 |
| EASY FOOD & LIQUOR #54 | 61 | ALHAMBRA | EL GRANADA | FA0009994 |
| CAFE GIBRALTAR | 425 | ALHAMBRA | EL GRANADA | FA0027086 |
| CREEKSIDE SMOKEHOUSE | 280 | AVENUE ALHAMBRA | EL GRANADA | FA0003983 |
| OCEANO HOTEL & SPA | 280 | CAPISTRANO | EL GRANADA | FA0040259 |
| FAA HALF MOON BAY RCAG | | FRENCHMANS CREEK | EL GRANADA | FA0046476 |
| BEACH HOUSE | 4100 | HWY 1 | EL GRANADA | FA0023659 |
| PILLAR POINT HARBOR | 1 | JOHNSON PIER | EL GRANADA | FA0000275 |
| PILLAR POINT FUEL DOCK | 1 | JOHNSON PIER | EL GRANADA | FA0009228 |
| COASTSIDE FIRE DISTRICT, EL GRANADA | 501 | OBISPO | EL GRANADA | FA0022360 |
| PORTOLA PUMP STATION | 529 | OBISPO | EL GRANADA | FA0022441 |
| COASTSIDE FUEL DIST, EL GRANADA | 531 | OBISPO | EL GRANADA | FA0040738 |
| CAFE CLASSIQUE | 107 | SEVILLA | EL GRANADA | FA0010178 |
| APPLE JACKS | 1 | ENTRADA | LA HONDA | FA0002074 |
| SBC (PC017) | 60 | ENTRADA | LA HONDA | FA0007548 |
| LA HONDA CORP YARD | 59 | ENTRADA | LA HONDA | FA0010091 |
| SMCO THHW | 59 | ENTRADA | LA HONDA | FA0029307 |
| OVY CAMP | 5360 | LA HONDA | LA HONDA | FA0029560 |
| LOG CABIN RANCH | 500 | LOG CABIN | LA HONDA | FA0011647 |
| GLENWOOD BOYS RANCH | | LOG CABIN RANCH | LA HONDA | FA0011713 |
| CUESTA LA HONDA GUILD WATER TREATME | 120 | SCENIC | LA HONDA | FA0013910 |
| PORTOLA STATE PARK | | STAR ROUTE 2 | LA HONDA | FA0009476 |
| YMCA CAMP LOMA MAR | 9900 | PESCADERO | LOMA MAR | FA0000253 |
| MEMORIAL PARK STORE | 9500 | PESCADERO CRK | LOMA MAR | FA0002085 |
| COUNTRY CORNER | 3207 | ALAMEDA DE LAS PULGAS | MENLO PARK | FA0000777 |
| FIRE STATION #4 | 3322 | ALAMEDA DE LAS PULGAS | MENLO PARK | FA0011226 |
| BLOCKBUSTER INC #6879 | 3532 | ALAMEDA DE LAS PULGAS | MENLO PARK | FA0025383 |
| LUTTICKEN INC | 3535 | ALAMEDA DE LAS PULGAS | MENLO PARK | FA0000779 |
| AVANTI PIZZA FRESH PASTA | 3536 | ALAMEDA DE LAS PULGAS | MENLO PARK | FA0015559 |
| PLANTATION DELI CAFE ESPRESSO | 3536 | ALAMEDA DE LAS PULGAS | MENLO PARK | FA0022142 |
| COUNTRY CLUB CLEANERS | 3536 | ALAMEDA DE LAS PULGAS | MENLO PARK | FA0040304 |
| DUTCH GOOSE, INC | 3567 | ALAMEDA DE LAS PULGAS | MENLO PARK | FA0000782 |
| STARBUCKS COFFEE CO | 3590 | ALAMEDA DE LAS PULGAS | MENLO PARK | FA0025651 |
| CHEVRON STATION | 3600 | ALAMEDA DE LAS PULGAS | MENLO PARK | FA0014642 |
| T MOBILE WEST CORP SFO3521 | 3603 | ALAMEDA DE LAS PULGAS | MENLO PARK | FA0046111 |
| FLEA STREET CAFE | 3607 | ALAMEDA DE LAS PULGAS | MENLO PARK | FA0000784 |
| PENINSULA EQUINE | 100 | ANSEL | MENLO PARK | FA0023685 |
| PORTOLA VALLEY TRAINING CENTER | 100 | ANSEL | MENLO PARK | FA0023686 |
| MOUNTAIN VIEW PHARMACEUTICALS | 3475 | EDISON | MENLO PARK | FA0024540 |
| DIETERS GERMAN CAR REPAIR | 3511 | EDISON | MENLO PARK | FA0017622 |
| LINDO MICHOACAN MARKET | 3821 | FAIR OAKS | MENLO PARK | FA0000837 |
| GARFIELD CHARTER SCHOOL | 3600 | MIDDLEFIELD | MENLO PARK | FA0000093 |
| PIZZA HUT #283326 | 3415 | MIDDLEFIELD | MENLO PARK | FA0002450 |
| EL RINCON TARAZCO RESTAURANT | 3200 | MIDDLEFIELD | MENLO PARK | FA0002534 |
| ZOHRABS ARCO GARAGE | 3233 | MIDDLEFIELD | MENLO PARK | FA0017581 |
| LOS PRIMOS MARKET, INC | 3252 | MIDDLEFIELD | MENLO PARK | FA0000855 |
| PANADERIA MICHOACAN #2 | 3266 | MIDDLEFIELD | MENLO PARK | FA0002715 |
| CHAVEZ SUPERMARKET | 3282 | MIDDLEFIELD | MENLO PARK | FA0000858 |
| LAS PARRILLAS RESTAURANT | 3282 | MIDDLEFIELD | MENLO PARK | FA0004335 |
| TAQUERRA APATZINGAN | 3305 | MIDDLEFIELD | MENLO PARK | FA0002200 |
| EL JAROCHITO TAQUERIA | 3360 | MIDDLEFIELD | MENLO PARK | FA0026507 |
| MICHOACAN PRODUCE MARKET | 3380 | MIDDLEFIELD | MENLO PARK | FA0003189 |

Unincorporated Area StormWater

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|------------------------------------|-------|----------------------|------------|-----------|
| DONUT DEPOT | 3383 | MIDDLEFIELD | MENLO PARK | FA0010362 |
| LA HUASTECA | 3387 | MIDDLEFIELD | MENLO PARK | FA0003041 |
| ATHERTON CLUB SAN LUIS | 3391 | MIDDLEFIELD | MENLO PARK | FA0000861 |
| QUIK STOP MARKET #59 | 3401 | MIDDLEFIELD | MENLO PARK | FA0017601 |
| PADUA DINING ROOM | 3500 | MIDDLEFIELD | MENLO PARK | FA0000146 |
| GARFIELD CHARTER SCHOOL | 3600 | MIDDLEFIELD | MENLO PARK | FA0000093 |
| NEIGHBORHOOD MARKET | 8445 | HWY 1 | MONTARA | FA0010008 |
| DEVILS SLIDE TUNNEL PROJECT | 5002 | HWY 1 | MONTARA | FA0045200 |
| CAFFE LUCCA | | HWY 1 & 8TH | MONTARA | FA0004476 |
| MONTARA PUMP STATION | | HWY 1 AT 16TH | MONTARA | FA0022334 |
| HARLOES AUTOMOTIVE | 850 | AIRPORT | MOSS BEACH | FA0046255 |
| MOSS BEACH DISTILLERY RESTAURANT | 120 | BEACH | MOSS BEACH | FA0002096 |
| CABRILLO FARMS AGRICULTURE | 981 | CABRILLO HWY | MOSS BEACH | FA0022322 |
| ODYSSEY PIZZERIA & CAFE | 2350 | CARLOS | MOSS BEACH | FA0005380 |
| SBC | 740 | ETHELDORE & CALIFORN | MOSS BEACH | FA0007547 |
| EL GRAN AMIGO | 2448 | HWY 1 | MOSS BEACH | FA0001079 |
| THREE ZERO CAFE | 9850 | HWY 1 | MOSS BEACH | FA0002097 |
| MOSS BEACH CHEVRON | 9400 | HWY 1 | MOSS BEACH | FA0010001 |
| SETON MEDICAL CTR | 600 | MARINE | MOSS BEACH | FA0014862 |
| COASTSIDE MARKET INC | 501 | VIRGINIA | MOSS BEACH | FA0001260 |
| BEAN HOLLOW RANGE - PESCADERO | 1000 | BEAN HOLLOW | PESCADERO | FA0025224 |
| BFI PESCADERO SOLID WASTE DISP-NEW | | BEAN HOLLOW & ARTICH | PESCADERO | FA0000039 |
| BIANCHI | 243 | BUTANO CUT OFF | PESCADERO | FA0009059 |
| PESCADERO HIGH SCHOOL | 350 | BUTANO CUT OFF | PESCADERO | FA0010825 |
| NORTHERN ENERGY | 4525 | CLOVERDALE | PESCADERO | FA0025409 |
| OKU INC | 4525 | CLOVERDALE | PESCADERO | FA0046467 |
| SBC (PC038) | 115 | GOULSON | PESCADERO | FA0007527 |
| ANO NUEVO FLOWER GROWERS | 1701 | HWY 1 | PESCADERO | FA0000292 |
| GAZOS CREEK ALLIANCE | 5720 | HWY 1 | PESCADERO | FA0025031 |
| MARCHI CENTRAL FARM | 12720 | HWY 1 | PESCADERO | FA0025254 |
| GERALD MARCHI FARMING | 9400 | HWY 1 | PESCADERO | FA0025257 |
| GAZOS GRILL | 5720 | HWY 1 | PESCADERO | FA0029365 |
| PACIFIC COAST MUSHROOMS | 6150 | HWY 1 | PESCADERO | FA0029594 |
| MARCHI RANCH | 6525 | HWY 1 | PESCADERO | FA0046701 |
| SUBURBAN PROPANE | 387 | NORTH | PESCADERO | FA0010899 |
| PHIPPS FARM FRESH PRODUCE | 2700 | PESCADERO | PESCADERO | FA0000601 |
| PESCADERO ALLIANCE | 1999 | PESCADERO | PESCADERO | FA0009999 |
| PESCADERO CORP YARD | 1000 | PESCADERO | PESCADERO | FA0010089 |
| PESCADERO FIRE STATION | 1200 | PESCADERO | PESCADERO | FA0010466 |
| LOS AMIGOS | 1999 | PESCADERO CREEK | PESCADERO | FA0008483 |
| COSTANOA CAMPGROUND | 2001 | ROSSI | PESCADERO | FA0025634 |
| DUARTES TAVERN | 202 | STAGE | PESCADERO | FA0001568 |
| PESCADERO COUNTRY STORE | 251 | STAGE | PESCADERO | FA0002102 |
| ARCANGELI MARKET | 287 | STAGE | PESCADERO | FA0002104 |
| SARABIAS AUTO REPAIR & TOWING | 216 | STAGE | PESCADERO | FA0010451 |
| PESCADERO STATE BEACH | 404 | WATER | PESCADERO | FA0007955 |
| SOUZA TIRE & AUTO | 31 | WATER | PESCADERO | FA0010452 |
| BARBARAS FISH TRAP- ISSUED IN 1977 | 281 | CAPISTRANO | PRINCETON | FA0002109 |
| OLD PRINCETON LANDING | 460 | CAPISTRANO | PRINCETON | FA0002110 |
| CAFE CAPISTRANO | 460 | CAPISTRANO | PRINCETON | FA0022611 |
| PRINCETON CORP YARD | 203 | CORNELL | PRINCETON | FA0010090 |
| SMITH TRUCKS & EQUIPMENT | 222 | HARVARD | PRINCETON | FA0046254 |
| KETCH JOANNE & HARBOR BAR | 17 | JOHNSON PIER | PRINCETON | FA0002108 |
| HALF MOON BAY SPORTFISHING | 27 | JOHNSON PIER | PRINCETON | FA0024012 |
| ROMEO PACKING CO | 106 | PRINCETON | PRINCETON | FA0005370 |

Unincorporated Area StormWater

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|-------------------------------------|-------|-----------------------|---------------|-----------|
| MEZZA LUNA | 459 | PROSPECT | PRINCETON | FA0024087 |
| PILLAR POINT AIR FORCE STATION | 300 | WESTPOINT | PRINCETON | FA0003595 |
| PRINCETON PUMP STATION | | WESTPOINT/STANFORD | PRINCETON | FA0016663 |
| REFUELER LOADING FACILITY | | ACCESS RD TAXIWAY U& | SAN FRANCISCO | FA0025400 |
| UAL PLANT MAINTENANCE | | BLDG 575 SFO GQ | SAN FRANCISCO | FA0011017 |
| UNITED AIRLINES | | BLDG 642 GSE SERVICE | SAN FRANCISCO | FA0024692 |
| DHL AIRWAYS | | BLDG 682 ROAD G & MAC | SAN FRANCISCO | FA0010753 |
| SAN FRANCISCO COMMUNITY COLLEG | | BLDG 928 | SAN FRANCISCO | FA0013379 |
| FED EX | | BLDG 958 NORTH ACCES | SAN FRANCISCO | FA0023836 |
| BOARDING AREA A | | BOARDING AREA A | SAN FRANCISCO | FA0024685 |
| SWISSPORT | | CENTRAL TERMINAL | SAN FRANCISCO | FA0010796 |
| EMERGENCY COMMUNICATIONS CENTER | | CONNECTOR INT'L TERM | SAN FRANCISCO | FA0025183 |
| FAA CONTROL TOWER | | CONTROL TOWER | SAN FRANCISCO | FA0023910 |
| FAA REMOTE TRANSMITTER RECEIVER | | FAA RTR | SAN FRANCISCO | FA0022821 |
| ALASKA AIRLINES | | GATE 22 | SAN FRANCISCO | FA0011175 |
| FAA GWQ GLIDESCOPE | | GWQ GLIDESCOPE | SAN FRANCISCO | FA0007709 |
| FAA GWQ LOCALIZER | | GWQ LOCALIZER | SAN FRANCISCO | FA0023909 |
| INDUSTRIAL TREATMENT PLANT | | INDUSTRIAL TREATMENT | SAN FRANCISCO | FA0024680 |
| SFIA MAINTENANCE FUELING STATION | | MCDONNELL RD | SAN FRANCISCO | FA0024212 |
| SKY WEST / UNITED CHARTER SERVICES | 22 | MCDONNELL | SAN FRANCISCO | FA0022746 |
| HERTZ CORP | 782 | MCDONNELL | SAN FRANCISCO | FA0023216 |
| UNITED AIRLINES | | NORTH TERMINAL GATE | SAN FRANCISCO | FA0024691 |
| DELTA AIRLINES INC | | S TERMINAL GATE 46 | SAN FRANCISCO | FA0010169 |
| UNITED AIRLINE MOC | | SFIA MOC BLDG | SAN FRANCISCO | FA0014894 |
| DELTA AIRLINES MAINTENANCE | | SFIA-BLOCK HOUSE | SAN FRANCISCO | FA0010792 |
| COAST GUARD AIR STATION | | SFO BLDG 1020 | SAN FRANCISCO | FA0022866 |
| SFIA SOUTH TERMINAL | | SOUTH TERMINAL | SAN FRANCISCO | FA0023948 |
| UNITED AIRLINES SUPER BAY HANGAR | | SUPER BAY HANGAR | SAN FRANCISCO | FA0023831 |
| BOARDING AREA/F, H & I CONNECTOR | | TERMINAL 3- 2 TANKS | SAN FRANCISCO | FA0023951 |
| US AIR | | TERMINAL A | SAN FRANCISCO | FA0022946 |
| PARKING GARAGE | | | SAN FRANCISCO | FA0023950 |
| BOARDING AREA G | | | SAN FRANCISCO | FA0023952 |
| PG&E HILLSDALE JUNCTION SUBSTA | | BUNKER HILL | SAN MATEO | FA0022419 |
| L 3 RANDTRON ANTENNA SYSTEMS | 10700 | CAHILL RIDGE | SAN MATEO | FA0013366 |
| PG&E CRYSTAL SPRINGS SUBSTA | 2901 | CRYSTAL SPRINGS | SAN MATEO | FA0022398 |
| MOTOR MASTERS I, INC. | 4399 | EL CAMINO REAL | SAN MATEO | FA0028575 |
| HIGHLANDS RECREATION DISTRICT | 1851 | LEXINGTON | SAN MATEO | FA0044947 |
| YOUTH SERVICES CENTER CENTRAL PLANT | 70 | LOOP | SAN MATEO | FA0045269 |
| CA DIVISION OF FORESTRY | 320 | PAUL SCANNEL | SAN MATEO | FA0011563 |
| HILL CLEANERS | 746 | POLHEMUS | SAN MATEO | FA0013369 |
| CHEVRON STATION | 790 | POLHEMUS | SAN MATEO | FA0016908 |
| POLHEMUS FLUORIDE STATION | 525 | POLHEMUS | SAN MATEO | FA0028504 |
| POLHEMUS CLEANERS & LAUNDRY | 774 | POLHEMUS | SAN MATEO | FA0045309 |
| SKYLAWN INC | 10600 | SKYLINE | SAN MATEO | FA0022869 |
| VERIZON WIRELESS | 10600 | SKYLINE | SAN MATEO | FA0024349 |
| KIEWIT INFRASTRUCTURE WEST CO | 924 | SKYLINE | SAN MATEO | FA0049048 |
| SAN MATEO COUNTY MOTOR POOL | 29 | TOWER | SAN MATEO | FA0011561 |
| PAINT SHOP/CRAFTS FACILITY | 30 | TOWER | SAN MATEO | FA0011562 |
| PG&E RALSTON SUBSTATION | | TOWER | SAN MATEO | FA0022404 |
| SMC SHERIFFS OFFICE FORENSIC LAB | 50 | TOWER | SAN MATEO | FA0028479 |
| PHHWCF | 32 | TOWER | SAN MATEO | FA0031357 |
| SAN FRANCISCO INTERNATIONAL AIRPORT | | AIRPORT MPOE BLDG #1 | SFIA | FA0025618 |
| SAN FRANCISCO INTL AIRPORT | | APOE | SFIA | FA0026815 |
| ASIG | | BLDG 1070, PLOT 40 | SFIA | FA0027344 |
| JAPAN AIRLINES | | BLDG 950 | SFIA | FA0010725 |

Unincorporated Area StormWater

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|-----------------------------------|--------------------------|------|-----------|
| AMERICAN AIRLINES | BOARDING AREA E | SFIA | FA0022748 |
| SOUTHWEST AIRLINES CO- CARGO | 632 CARGO | SFIA | FA0046057 |
| CENTRAL PUMP STATION | CENTRAL PUMP STATION | SFIA | FA0023949 |
| WATER QUALITY CONTROL PLANT & LAB | 918 CLEARWATER | SFIA | FA0024679 |
| UNITED AIRLINES INTL TERMINAL | INTERNATIONAL TERMINAL | SFIA | FA0022747 |
| BRITISH AIRWAYS | INTERNATIONAL TERMINAL | SFIA | FA0022753 |
| MAINTENANCE BUILDING AUTO SHOP | MCDONNELL | SFIA | FA0011125 |
| NATIONAL CAR RENTAL SYSTEM INC | 780 MCDONNELL | SFIA | FA0022637 |
| DOLLAR THRIFTY AUTOMOTIVE GRP INC | 782 MCDONNELL | SFIA | FA0024233 |
| BUDGET RENT A CAR | 782 MCDONNELL | SFIA | FA0024744 |
| AVIS RENT A CAR | 782 MCDONNELL | SFIA | FA0024745 |
| ALAMO RENT A CAR | 780 MCDONNELL | SFIA | FA0028165 |
| AT & T WIRELESS | 780 MCDONNELL | SFIA | FA0028493 |
| ABX AIR INC | 682 MCDONNELL | SFIA | FA0038866 |
| FOX RENT A CAR | 780 MCDONNELL | SFIA | FA0045831 |
| MENZIES AVIATION | 110 MCDONNELL | SFIA | FA0047645 |
| BOMBARDIER | 679 MCDONNELL 2ND FL | SFIA | FA0034477 |
| TERMINAL 3 | NORTH TERMINAL | SFIA | FA0029488 |
| T2 / OLD INTL TERMINAL | OLD INTERNATIONAL TERM | SFIA | FA0029489 |
| SFIA TANKS (17) | PLOT 40-AVV GRD TKS SFIA | SFIA | FA0029539 |
| SIGNATURE FLIGHT SERVICE | PLOT 42 | SFIA | FA0024604 |
| WESTFIELD GARAGE | PLOT 7 | SFIA | FA0025184 |
| SFO SHUTTLE BUS CO | SFIA | SFIA | FA0008545 |
| FAA ALSF 2 | SFIA-RUNWAY | SFIA | FA0028446 |
| AT & T WIRELESS | SFO FIRE STATION | SFIA | FA0028494 |
| AMERICAN AIR | SUPERBAY HANGAR | SFIA | FA0007708 |
| CHEVRON USA | TANK FARM BULK FUEL | SFIA | FA0009293 |
| UNITED AIRLINE CARGO | UNITED A/L CARGO | SFIA | FA0027339 |
| UNITED STATES POSTAL | 600 WEST FIELD | SFIA | FA0047739 |
| LOMITA/MILLBRAE PUMP STATION | | SFIA | FA0023947 |

| FACILITY | ADDRESS | CITY | Record ID | Code | Staff |
|-------------------------------------|----------------------------|------------|-----------|------|-----------|
| EASY FOOD & LIQUOR #54 | 61 ALHAMBRA | EL GRANADA | PR0039265 | 1 | PATRICK |
| FAA HALF MOON BAY RCAG | FRENCHMANS CREEK | EL GRANADA | PR0063238 | 1 | PATRICK |
| PILLAR POINT FUEL DOCK | 1 JOHNSON PIER | EL GRANADA | PR0044351 | 1 | PATRICK |
| PILLAR POINT HARBOR | 1 JOHNSON PIER | EL GRANADA | PR0039071 | 1 | PATRICK |
| PORTOLA PUMP STATION | 529 OBISPO | EL GRANADA | PR0051153 | 1 | PATRICK |
| LA HONDA CORP YARD | 59 ENTRADA | LA HONDA | PR0039289 | 1 | PATRICK |
| SBC (PC017) | 60 ENTRADA | LA HONDA | PR0039276 | 1 | PATRICK |
| LOG CABIN RANCH | 500 LOG CABIN | LA HONDA | PR0039288 | 1 | PATRICK |
| CUESTA LA HONDA GUILD WATER TREATME | 120 SCENIC | LA HONDA | PR0059030 | 1 | PATRICK |
| PORTOLA STATE PARK | STAR ROUTE 2 | LA HONDA | PR0039292 | 1 | PATRICK |
| YMCA CAMP LOMA MAR | 9900 PESCADERO | LOMA MAR | PR0057680 | 1 | PATRICK |
| COUNTRY CORNER | 3207 ALAMEDA DE LAS PULGAS | MENLO PARK | PR0039302 | 1 | EUFRESINA |
| BLOCKBUSTER INC #6879 | 3532 ALAMEDA DE LAS PULGAS | MENLO PARK | PR0042010 | 1 | EUFRESINA |
| LUTTICKEN INC | 3535 ALAMEDA DE LAS PULGAS | MENLO PARK | PR0039296 | 1 | EUFRESINA |
| AVANTI PIZZA FRESH PASTA | 3536 ALAMEDA DE LAS PULGAS | MENLO PARK | PR0041972 | 1 | EUFRESINA |
| PLANTATION DELI CAFE ESPRESSO | 3536 ALAMEDA DE LAS PULGAS | MENLO PARK | PR0039309 | 1 | EUFRESINA |
| DUTCH GOOSE, INC | 3567 ALAMEDA DE LAS PULGAS | MENLO PARK | PR0039311 | 1 | EUFRESINA |
| | 3590 ALAMEDA DE LAS PULGAS | MENLO PARK | PR0042015 | 1 | EUFRESINA |
| CHEVRON STATION | 3600 ALAMEDA DE LAS PULGAS | MENLO PARK | PR0045895 | 1 | SABRINA |
| T MOBILE WEST CORP SFO3521 | 3603 ALAMEDA DE LAS PULGAS | MENLO PARK | PR0061874 | 1 | STEVEN W |
| FLEA STREET CAFE | 3607 ALAMEDA DE LAS PULGAS | MENLO PARK | PR0039298 | 1 | EUFRESINA |
| PENINSULA EQUINE | 100 ANSEL | MENLO PARK | PR0039301 | 1 | SABRINA |
| PORTOLA VALLEY TRAINING CENTER | 100 ANSEL | MENLO PARK | PR0039314 | 1 | SABRINA |
| DIETERS GERMAN CAR REPAIR | 3511 EDISON | MENLO PARK | PR0039328 | 1 | SABRINA |
| LINDO MICHOACAN MARKET | 3821 FAIR OAKS | MENLO PARK | PR0039320 | 1 | EUFRESINA |
| US GEOLOGICAL SURVEY | 3282 MIDDLEFIELD | MENLO PARK | PR0042752 | 1 | SABRINA |
| CHAVEZ SUPERMARKET | 3282 MIDDLEFIELD | MENLO PARK | PR0039341 | 1 | BRENT R |
| LAS PARRILLAS RESTAURANT | 3305 MIDDLEFIELD | MENLO PARK | PR0039332 | 1 | BRENT R |
| TAQUERRA APATZINGAN | 3360 MIDDLEFIELD | MENLO PARK | PR0042946 | 1 | BRENT R |
| EL JAROCHITO TAQUERIA | 3380 MIDDLEFIELD | MENLO PARK | PR0041676 | 1 | BRENT R |
| MICHOACAN PRODUCE MARKET | 3383 MIDDLEFIELD | MENLO PARK | PR0039134 | 1 | BRENT R |
| DONUT DEPOT | 3387 MIDDLEFIELD | MENLO PARK | PR0039326 | 1 | BRENT R |
| LA HUASTECA | 3391 MIDDLEFIELD | MENLO PARK | PR0039333 | 1 | BRENT R |
| ATHERTON CLUB SAN LUIS | 3401 MIDDLEFIELD | MENLO PARK | PR0039345 | 1 | BRENT R |
| QUIK STOP MARKET #59 | 3500 MIDDLEFIELD | MENLO PARK | PR0039327 | 1 | STEVEN W |
| PADUA DINING ROOM | 3600 MIDDLEFIELD | MENLO PARK | PR0039349 | 1 | BRENT R |
| DEVILS SLIDE TUNNEL PROJECT | 5002 HWY 1 | MONTARA | PR0058261 | 1 | PATRICK |
| NEIGHBORHOOD MARKET | 8445 HWY 1 | MONTARA | PR0039356 | 1 | PATRICK |
| MONTARA PUMP STATION | HWY 1 AT 16TH | MONTARA | PR0060679 | 1 | PATRICK |
| HARLOES AUTOMOTIVE | 850 AIRPORT | MOSS BEACH | PR0062615 | 1 | PATRICK |
| CABRILLO FARMS AGRICULTURE | 981 CABRILLO HWY | MOSS BEACH | PR0050447 | 1 | PATRICK |
| SBC | 740 ETHELDORE & CALIFORNIA | MOSS BEACH | PR0039361 | 1 | PATRICK |
| MOSS BEACH CHEVRON | 9400 HWY 1 | MOSS BEACH | PR0039370 | 1 | PATRICK |
| BFI PESCADERO SOLID WASTE DISP-NEW | BEAN HOLLOW & ARTICHOKE | PESCADERO | PR0048547 | 1 | PATRICK |
| NORTHERN ENERGY | 4525 CLOVERDALE | PESCADERO | PR0046413 | 1 | PATRICK |
| OKU INC | 4525 CLOVERDALE | PESCADERO | PR0063224 | 1 | PATRICK |
| SBC (PC038) | 115 GOULSON | PESCADERO | PR0039380 | 1 | PATRICK |
| GAZOS CREEK ALLIANCE | 5720 HWY 1 | PESCADERO | PR0039388 | 1 | PATRICK |
| GERALD MARCHI FARMING | 9400 HWY 1 | PESCADERO | PR0062575 | 1 | PATRICK |

Report Run 6/30/2011
Unincorporated Areas

Proposed Stormwater Inpsection List
7/01/2011 to 6/30/2012

| | | | | | |
|-------------------------------------|---------------------------|---------------|-----------|---|----------|
| MARCHI CENTRAL FARM | 12720 HWY 1 | PESCADERO | PR0062578 | 1 | PATRICK |
| MARCHI RANCH | 6525 HWY 1 | PESCADERO | PR0063556 | 1 | PATRICK |
| SUBURBAN PROPANE | 387 NORTH | PESCADERO | PR0039389 | 1 | PATRICK |
| PESCADERO ALLIANCE | 1999 PESCADERO | PESCADERO | PR0039382 | 1 | PATRICK |
| PESCADERO CORP YARD | 1000 PESCADERO | PESCADERO | PR0039381 | 1 | PATRICK |
| PESCADERO FIRE STATION | 1200 PESCADERO | PESCADERO | PR0039391 | 1 | PATRICK |
| SARABIAS AUTO REPAIR & TOWING | 216 STAGE | PESCADERO | PR0039384 | 1 | PATRICK |
| SOUZA TIRE & AUTO | 31 WATER | PESCADERO | PR0039062 | 1 | PATRICK |
| PRINCETON CORP YARD | 203 CORNELL | PRINCETON | PR0039069 | 1 | PATRICK |
| SMITH TRUCKS & EQUIPMENT | 222 HARVARD | PRINCETON | PR0062610 | 1 | PATRICK |
| PILLAR POINT AIR FORCE STATION | 300 WESTPOINT | PRINCETON | PR0039278 | 1 | PATRICK |
| PRINCETON PUMP STATION | WESTPOINT/STANFORD | PRINCETON | PR0060677 | 1 | PATRICK |
| REFUELER LOADING FACILITY | ACCESS RD TAXIWAY U&Q | SAN FRANCISCO | PR0047236 | 1 | DERMOT |
| UAL PLANT MAINTENANCE | BLDG 575 SFO GQ | SAN FRANCISCO | PR0039400 | 1 | DERMOT |
| UNITED AIRLINES | BLDG 642 GSE SERVICE | SAN FRANCISCO | PR0039145 | 1 | DERMOT |
| DHL AIRWAYS | BLDG 682 ROAD G & MAC DO | SAN FRANCISCO | PR0039068 | 1 | DERMOT |
| SAN FRANCISCO COMMUNITY COLLEG | BLDG 928 | SAN FRANCISCO | PR0039395 | 1 | DERMOT |
| FED EX | BLDG 958 NORTH ACCESS RD | SAN FRANCISCO | PR0039559 | 1 | DERMOT |
| ALASKA AIRLINES | GATE 22 | SAN FRANCISCO | PR0039182 | 1 | DERMOT |
| INDUSTRIAL TREATMENT PLANT | INDUSTRIAL TREATMENT PLAN | SAN FRANCISCO | PR0039703 | 1 | DERMOT |
| SKY WEST / UNITED CHARTER SERVICES | 22 MCDONNELL | SAN FRANCISCO | PR0039396 | 1 | DERMOT |
| | NORTH TERMINAL GATE 81 | SAN FRANCISCO | PR0039143 | 1 | DERMOT |
| DELTA AIRLINES INC | S TERMINAL GATE 46 | SAN FRANCISCO | PR0039160 | 1 | DERMOT |
| UNITED AIRLINE MOC | SFIA MOC BLDG | SAN FRANCISCO | PR0046764 | 1 | STEVEN W |
| DELTA AIRLINES MAINTENANCE | SFIA-BLOCK HOUSE | SAN FRANCISCO | PR0039158 | 1 | DERMOT |
| UNITED AIRLINES SUPER BAY HANGAR | SUPER BAY HANGAR | SAN FRANCISCO | PR0039141 | 1 | DERMOT |
| US AIR | TERMINAL A | SAN FRANCISCO | PR0039422 | 1 | DERMOT |
| ASIG | BLDG 1070, PLOT 40 | SFIA | PR0047412 | 1 | DERMOT |
| WATER QUALITY CONTROL PLANT & LAB | 918 CLEARWATER | SFIA | PR0039693 | 1 | DERMOT |
| BRITISH AIRWAYS | INTERNATIONAL TERMINAL | SFIA | PR0039210 | 1 | DERMOT |
| UNITED AIRLINES INTL TERMINAL | INTERNATIONAL TERMINAL | SFIA | PR0039139 | 1 | DERMOT |
| ALAMO RENT A CAR | 780 MCDONNELL | SFIA | PR0046597 | 1 | DERMOT |
| AVIS RENT A CAR | 782 MCDONNELL | SFIA | PR0039394 | 1 | DERMOT |
| BUDGET RENT A CAR | 782 MCDONNELL | SFIA | PR0039418 | 1 | DERMOT |
| DOLLAR THRIFTY AUTOMOTIVE GRP INC | 782 MCDONNELL | SFIA | PR0039696 | 1 | STEVEN W |
| FOX RENT A CAR | 780 MCDONNELL | SFIA | PR0061078 | 1 | DERMOT |
| SIGNATURE FLIGHT SERVICE | PLOT 42 | SFIA | PR0039417 | 1 | DERMOT |
| CHEVRON USA | TANK FARM BULK FUEL | SFIA | PR0039419 | 1 | DERMOT |
| UNITED AIRLINE CARGO | UNITED A/L CARGO | SFIA | PR0048803 | 1 | DERMOT |
| CA DIVISION OF FORESTRY | 320 PAUL SCANNEL | SAN MATEO | PR0039426 | 1 | DIRK |
| CHEVRON STATION | 790 POLHEMUS | SAN MATEO | PR0054134 | 1 | DIRK |
| HIGHLANDS RECREATION DISTRICT | 1851 LEXINGTON | SAN MATEO | PR0058741 | 1 | DIRK |
| HILL CLEANERS | 746 POLHEMUS | SAN MATEO | PR0058742 | 1 | DIRK |
| POLHEMUS CLEANERS & LAUNDRY | 774 POLHEMUS | SAN MATEO | PR0058765 | 1 | DIRK |
| POLHEMUS FLUORIDE STATION | 525 POLHEMUS | SAN MATEO | PR0059012 | 1 | DIRK |
| SAN MATEO COUNTY MOTOR POOL | 29 TOWER | SAN MATEO | PR0049037 | 1 | DIRK |
| SMC SHERIFFS OFFICE FORENSIC LAB | 50 TOWER | SAN MATEO | PR0052314 | 1 | DIRK |
| YOUTH SERVICES CENTER CENTRAL PLANT | 70 LOOP | SAN MATEO | PR0058646 | 1 | DIRK |

Revised Version

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 including buildings owned or managed by the City/County by applying Integrated Pesticide Management principles and techniques. The municipal regional stormwater permit requires that the County minimize reliance on pesticides that threaten water quality.

REQUIRED USE OF INTEGRATED PEST MANAGEMENT

Employees implementing pest management controls will use Integrated Pest Management (IPM) techniques that emphasize non-pesticide alternatives. Pesticides will only be used after careful consideration of non-chemical alternatives and then the least toxic chemicals that are effective shall be used. Pest control contractors hired by the County are required to implement IPM to control pests. This will be achieved by hiring only IPM-certified pest control contractors or by including contract specifications requiring contractors to implement IPM methods.

The County will establish written standard operating procedures for pesticide use to ensure implementation of this IPM policy and to require municipal employees and pest control contractors to comply with the standard operating procedures.

The County will track employee and contractor pesticide use and prepare an annual report summarizing pesticide use and evaluating pest control activities performed consistent with the municipal regional stormwater permit's requirements.

The County will review its purchasing procedures, contracts or service agreements with pest control contractors and employee training practices to determine what changes, if any, need to be made to support the implementation of this IPM Policy.

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 consistent with the municipal regional stormwater permit's requirements.

The IPM-based hierarchical decision making process that will be used to control pests will include the following:

1. Based on field observations evaluate locations and sites where pest problems commonly occur to determine pest population, size, occurrence, and natural enemy population, if

- present. Identify conditions that contribute to the development of pest populations, and decisions and practices that could be employed to manage pest populations
2. Design, construct, and maintain landscapes and buildings to reduce and eliminate pest habitats;
 3. Modify management practices including watering, mulching, waste management, and food storage to discourage the development of pest population;
 4. Modify pest ecosystems to reduce food, water sources, and harborage;
 5. Prioritize the use of physical controls such as mowing weeds, using traps, and installing barriers;
 6. Use biological controls to introduce or enhance a pests' natural enemies;
 7. When pest populations reach treatment thresholds (based on how much biological, aesthetic, economic or other damage is tolerable) non-pesticide management activities will be evaluated before considering the use of pesticides;
 8. When pesticides are necessary, select reduced risk pesticides and use the minimum amounts needed to be effective;
 9. Apply pesticides at the most effective treatment time, based on pest biology, monitoring, and other variables, such as weather, seasonal changes in wildlife use, and local conditions; and
 10. Whenever possible, use pesticide application methods, such as containerized baits, that minimize opportunities for mobilization of the pesticide in stormwater runoff.

Departments performing pest management activities will identify an IPM coordinator who is responsible for assisting staff with implementation of this IPM policy.

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.

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 nontarget 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, caulking entry points to buildings); cultural controls (e.g., mulching, alternative plant type selection, and enhanced cleaning and containment of food sources in buildings); and reduced risk chemical controls (e.g., soaps or oils).

County owned or managed property/facility 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.

Unincorporated and Countywide RecycleWorks Programs and Outreach for 2010

Waste Management and Environmental Services' - RecycleWorks mission is to maintain and implement environmental sustainability 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.

The Programs/projects are listed according to the CAL/Recycle Diversion Program System Program Codes and Categories
 (<http://calrecycle.ca.gov/LGCentral/Paris/Code/recycle.htm>)

| Source Reduction | |
|---|---|
| <p><i>Key Source Reduction Accomplishments:</i></p> <ul style="list-style-type: none"> • Partnered with San Mateo County Green Team to offer reusable water bottles, and bags promoting reduction of single use water bottles and bags. • Master Composters conducted 76 composting workshops on backyard composting throughout the County of San Mateo. • Master Composters tabled at 8 Farmer's Markets and various events promoting backyard composting. • Conducted six walk-through waste assessments at schools in San Mateo, Hillsborough, Menlo Park, Daly City, Town of Portola Valley, and Unincorporated San Mateo. • Developed three waste assessment reports: Mercy High School, Burlingame; Bayshore Elementary School, Daly City; and Woodside Priory School, Town of Portola Valley. | |
| Program Code | Program Type/Description |
| 1000-SR-XGC | <p>Xeriscaping, Grasscycling</p> <ul style="list-style-type: none"> * Distributed a "Grasscycling" guide at all garden related events * Where feasible the County Parks Department continues to practice xeriscaping and grasscycling in the County parks. |

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| 1010-SR- BCM | <p>Backyard & On-Site Composting/Mulching (Businesses, Schools, and Residents)</p> <ul style="list-style-type: none"> * Master Composters conducted 76 composting workshops on backyard composting throughout the County of San Mateo, reaching 628 residents * Master Composters tabled at 8 Farmer’s Markets reaching 716 residents – (See Section Public Education, Outreach, 5020 ED-OUT for additional technical assistance.) * The Sustainable Garden brochure encourages using mulch and compost in the garden. * Master Composters tabled or set up 24 special exhibits at events, i.e., County Fair, Home & Garden Shows, Earth Day Events and business events reaching over 9,690 people. * Refer to School Composting, 3050-CM-SCH, for additional information. |
| 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 18 businesses in San Mateo County. * The County continues to participate in the BayROC “Bring your Own Bag” Campaign to reduce 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 No new programs</p> |
| 1040-SR- SCH | <p>School Source Reduction (School Waste Prevention)</p> <p>School Waste Prevention</p> <ul style="list-style-type: none"> * Provided assistance and conducted six walk-through waste assessments at schools in San Mateo, Hillsborough, Menlo Park, Daly City, Town of Portola Valley, and Unincorporated San Mateo. * Developed three school-wide waste assessment reports for Mercy High School, Burlingame; Bayshore School, Daly City; and Woodside Priory School, Town of Portola Valley. * Developed the mandatory waste reduction and recycling checklist, supporting materials, and policies for the Bay Area Green Stars Schools Program. * Refer to Public Education, Schools, 5030-ED-SCH, and to Public Education, Outreach, 5020-ED-OUT for additional information. |

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| 1050-SR-GOV | <p>Government Source Reduction (Government Waste Reduction In-House)</p> <ul style="list-style-type: none"> * The County surplus property program offers reuse of office furniture, and office equipment to County Departments and Non-profits. Once a month the program hosts a surplus property sale. * Developed a pilot program proposal for a “Virtual Warehouse” for inter-departmental office supply reuse. * Piloted the County’s Green Report Card, collecting and reporting reuse, recycling, composting and other data and information from participating departments. * Collected holiday and other greeting cards, CDs, from County employees for reuse by RAFT. * Collect and promote the reuse of pallets. |
| 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 provides listings of City-sponsored Garage Sales and Flea Markets on the website. * Promote CalMAX and RAFT (Resource Area for Teaching) via website and hotline. RAFT diverted 129,500 cubic yards of materials from both the San Jose and San Mateo County operations. |
| 1070-SR-OTH | <p>Other Source Reduction</p> <ul style="list-style-type: none"> * Targeted promotion of RecycleWorks’ publication: <i>The ReUse Guide: Where to Donate Unwanted Items</i> to relevant businesses such as real estate offices, multi-dwelling property owners, social service organizations, and seniors’ service agencies. * The RecycleWorks website contains a section devoted to reuse and hotline callers receive information for source reduction opportunities within the County. |

Recycling

Key Recycling Accomplishments:

- Provided technical assistance to approximately 100 businesses at San Francisco International Airport to reduce waste, increasing recycling and composting/organic collections.
- Implemented organics recycling at three (3) county facilities locations (Human Services Agency: Redwood City and San Carlos, and 455 County Center 4th Floor).
- Implemented new recycling opportunities for residents and business at the Pescadero Transfer Station.

| Program Code | Program Type/Description |
|---------------------------------|--|
| 2000RC-CRB through -2020-RC-BYB | <p>Residential Recycling (Residential Curbside, Drop Off, Buy Back)</p> <ul style="list-style-type: none"> * RecycleWorks assisted three apartment owners and managers in Unincorporated SMCo - North Fair Oaks, Unincorporated SMCo – Coastside, and Half Moon Bay to improve recycling at their apartment complex (conducted waste assessments, gave recycling-buddy bags, and posted signage). * The County continues to provide a rural drop off Recycling Center at La Honda School for bottles and cans, mixed paper and cardboard. The Pescadero Transfer Station and Ox Mountain Landfill provide free commingled recycling drop-off for cardboard, paper, and bottles and cans. * Expanded additional recycling opportunities for residents and businesses at the Pescadero Transfer Station. * The franchised haulers in the County continue to offer source separated recycling to single family and multifamily residents. * On January 1, 2011 the County will add additional unincorporated areas to the SBWMA (South Bay Waste Management Authority) franchised service area contract. The curbside program in these areas is now using fully automated weekly commingled cart service. * Drop off boxes from haulers are available Countywide for recycling. * CRV buyback centers: two are located near Unincorporated areas of the County. * Additional buy-back centers are available throughout San Mateo County for all residents and these locations are promoted through the RecycleWorks website and hotline. |

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| <p>2030-RC-OSP and 2040-RC-SFH</p> | <p>Commercial Recycling (On-Site Pick-Up, Self Haul)</p> <ul style="list-style-type: none"> * The franchised hauler continues to offer source separated recycling to commercial businesses. * The County's corporation yards self-haul greenwaste, inert, white goods and tires. The county parks departments self-haul cardboard, bottles and cans, and greenwaste from the South coastal area. Various school district sites self-haul metal and e-waste to various recycling facilities. Information for all facilities accepting materials for recycling is made available to the public through the county's RecycleWorks website and hotline, Recycling Guide, and Construction and Demolition Guides. * The franchised haulers (Republic Services, Recology of the Coast, Recology San Mateo County, Recology San Bruno, SSF Scavenger, and Green Waste Recovery) provide weekly curbside commercial recycling programs in the franchised area of the County to the commercial sector including schools, government facilities and multifamily housing complexes. Recology San Mateo County provides some commercial recycling services to the unfranchised businesses in the South Coastal portion of the County. GreenWaste recovery has been providing commercial recycling services to parts of the unfranchised Skyline Blvd. Area. Stanford Linear Accelerator has been receiving commercial recycling services from Peninsula Sanitary Service, Inc. Many private recyclers and debris box companies offer specific material stream recycling such as mixed plastics, mixed paper and pallet/wood, concrete, and dirt recycling. * The County's corporation yards self-haul greenwaste, inerts, white goods and tires. The County Parks departments self-haul cardboard, bottles and cans and greenwaste from the South Coastal area. Various school district sites self-haul metal and e-waste to various recycling facilities. Ox Mountain Landfill and all of the transfer stations in San Mateo County accept multiple materials for recycling. Information for each of these facilities is made available to the public through the County's RecycleWorks website and hotline, Recycling Guide, and Construction and Demolition Guides. |
| <p>2050-RC-SCH and 2050-RC-GOV</p> | <p>School/Government Recycling (Recycling Programs Bins, Signage, Promotion)</p> <ul style="list-style-type: none"> * Distributed 26 Bottle and Can Bins with signage to 6 private and public schools and youth programs in, Burlingame, Redwood City, Hillsborough, and unincorporated San Mateo County. * Distributed signage for Organic collection bins to Armstrong School in Belmont. * Distributed signage for Mixed Paper recycling bins to Clifford School in Unincorporated San Mateo County. * Refer to School Source Reduction, 1040-SR-SCH, for additional information. * Distributed 19 Bottle & Can and Mixed Paper Bins and labels for County Facilities. * Refer to Special Waste Materials, 4090-SP-RND, for additional information * San Mateo County Green Team meetings and workgroups. * Piloted the County's Green Report Card, collecting and reporting reuse, recycling, composting and other data and information from participating departments. * Collected cell phones, CDs and CD cases, and transparency sheets, hard back books from County offices and some school sites for recycling. |

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|----------------|---|
| 2070 RC SNL | <p>Special Collection Seasonal (Christmas Trees, Phone Books, Bulky item collection) and Special Collection</p> <ul style="list-style-type: none"> * Listed Christmas Tree Recycling info on our website. * The franchised haulers collected trees curbside through January. * Offered hotline callers information on recycling Christmas light strands when exchanging them for LED ones. * Provided information pertaining to hauler bulky clean-up collections via hotline and website. * Assisted hotline callers with questions about SBWMA E-Waste/Paper Shredding Collection Events. |
| 2080 RC SPE | <p>Special Collection Events (Recycling at Special Events community celebrations)</p> <ul style="list-style-type: none"> * Pacific Coast Dream Machines (Half Moon Bay Airport) and North Fair Oaks Community Festival (North Fair Oaks) filed a Venue/Events plan and implemented recycling. * The County offers technical assistance to Venue/Events in the Unincorporated areas. The franchised haulers provided paper, beverage containers, food waste recycling at the following events: North Fair Oaks Community Festival, Kiwanis 4th of July Carnival at County Government Center, Vertical Challenge (San Carlos Airport). The largest venue in Unincorporated San Mateo County, San Francisco International Airport, continues to recycle bottles, cans, paper and food waste. |

Composting

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

Key Composting Accomplishments:

- 76 composting workshops conducted throughout the county, reaching over 700 residents.
- The Master Composter course certified 30 new Master Composters.
- 24 special tabled events and exhibits reaching over 9,692 residents.
- 8 Sustainable Gardening Lectures for master composters and the public with 294 attending.

| Program Code | Program Type/Description |
|------------------------------|--|
| 3000-CM-RCG thru-3030-CM-CSG | <p>Green Waste (Residential, Self-Haul, Commercial On-site, Commercial Self Haul)</p> <ul style="list-style-type: none"> * Green waste collection curbside is available to all franchised areas of the county. Self-haul is available at the Transfer Stations and the landfill. * Commercial on site green waste pick-up is available in some areas for a fee. |
| 1010-SR-BCM | <p>Food Waste Composting (Food Waste-Composting, Vermi-composting)</p> <ul style="list-style-type: none"> * Worked with 14 Green Businesses to monitor food waste composting program. * Food waste pick-up is available in some franchised areas. See Section Public Education, Outreach, 5020 ED-Out for additional technical assistance. * Unincorporated Areas food waste composting is available in the SBWMA/Recology San Mateo County collection areas and San Francisco International Airport through South San Francisco Scavenger Company. County facilities continue to participate in food composting programs. Beginning Jan 1, 2011, Recology will offer food waste collection for residential customers in the SBWMA service area. |
| 3050-CM-SCH | <p>School Composting (On-Site School Composting programs)</p> <ul style="list-style-type: none"> * Five classroom worm compost bins were set up in classrooms at schools in the cities of Redwood City, San Mateo, Millbrae, Daly City and Unincorporated San Mateo County. (Sandpiper Elementary School, Redwood City; College Park Elementary School, San Mateo; North Fair Oaks Head Start Program, Unincorporated San Mateo County; College Park School, San Mateo; Green Hills School, Millbrae). * Commercial composting continues to be available curbside at schools within the SBWMA/Recology franchised area. * Master Composters gave composting workshops at six schools. |

| 3060 CM-GOV | <p>Government Composting</p> <ul style="list-style-type: none"> * Distributed 5 Organic Collection Bins and labels for County Facility (455 County Center). * Implemented organics recycling at county facilities * Piloted the County's Green Report Card, collecting and reporting reuse, recycling, composting and other data and information from participating departments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|--|-------------------|------------------|------|----------|---|--|---------|---|---|------------|---|---|---------------|---|--|--------------|---|--|------------|----|---|----------|---|---|---------|--|---|------------|---|---|----------|---|---|----------------|---|---|--------------|---|---|-----------|---|---|------------|---|--|-----------|---|---|---------------------|---|---|
| 370-CM-OTH | <p>Other Composting Bins Sold by third party at a reduced rate exclusively for San Mateo County (no County subsidy)</p> <table border="1" data-bbox="422 504 1367 1222"> <thead> <tr> <th>Area of Bins Sold</th> <th>Backyard Compost</th> <th>Worm</th> </tr> </thead> <tbody> <tr><td>Atherton</td><td>1</td><td></td></tr> <tr><td>Belmont</td><td>3</td><td>1</td></tr> <tr><td>Burlingame</td><td>2</td><td>1</td></tr> <tr><td>Half Moon Bay</td><td>3</td><td></td></tr> <tr><td>Hillsborough</td><td>2</td><td></td></tr> <tr><td>Menlo Park</td><td>10</td><td>2</td></tr> <tr><td>Millbrae</td><td>4</td><td>3</td></tr> <tr><td>Montara</td><td></td><td>1</td></tr> <tr><td>Moss Beach</td><td>1</td><td>1</td></tr> <tr><td>Pacifica</td><td>4</td><td>1</td></tr> <tr><td>Portola Valley</td><td>4</td><td>1</td></tr> <tr><td>Redwood City</td><td>8</td><td>5</td></tr> <tr><td>San Bruno</td><td>1</td><td>1</td></tr> <tr><td>San Carlos</td><td>3</td><td></td></tr> <tr><td>San Mateo</td><td>7</td><td>4</td></tr> <tr><td>South San Francisco</td><td>1</td><td>2</td></tr> </tbody> </table> | Area of Bins Sold | Backyard Compost | Worm | Atherton | 1 | | Belmont | 3 | 1 | Burlingame | 2 | 1 | Half Moon Bay | 3 | | Hillsborough | 2 | | Menlo Park | 10 | 2 | Millbrae | 4 | 3 | Montara | | 1 | Moss Beach | 1 | 1 | Pacifica | 4 | 1 | Portola Valley | 4 | 1 | Redwood City | 8 | 5 | San Bruno | 1 | 1 | San Carlos | 3 | | San Mateo | 7 | 4 | South San Francisco | 1 | 2 |
| Area of Bins Sold | Backyard Compost | Worm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atherton | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Belmont | 3 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Burlingame | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Half Moon Bay | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hillsborough | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Menlo Park | 10 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Millbrae | 4 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Montara | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Moss Beach | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pacifica | 4 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Portola Valley | 4 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Redwood City | 8 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| San Bruno | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| San Carlos | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| San Mateo | 7 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| South San Francisco | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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 |
|---|--|
| 4020-SP-TRS, 4030-SP-WHG 4040-SP-SCM 4050-SP- WDW 4060-SP-CAR, 4070 SP- DSD 4090-SP-RND 4100-SP-OTH | <p>Special Waste (Ash, Sludge, Tires, White Goods, Scrap Metal, Wood Waste, Concrete, Asphalt, Rubble, Disaster Debris, Shingle, Rendering, Other Special Waste)</p> <p>Tires</p> <ul style="list-style-type: none"> ★ Tires are recycled at the Landfill and Pescadero Transfer Stations. <p>White Goods</p> <ul style="list-style-type: none"> ★ The website and hotline continues to promote locations throughout the County that can reuse, repair, or recycle white goods. <p>Scrap Metal</p> <ul style="list-style-type: none"> ★ The DPW Road Maintenance division recycles abandon and stripped vehicles. ★ RecycleWorks' Guides, website and hotline refer customers to the scrap metal recyclers located in San Mateo County. ★ The County contracts 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 provide metal recycling pickup, and scrap metal drop-off. Scrap Metal drop-off for a fee is available at the landfill and Transfer Stations. <p>Wood Waste</p> <ul style="list-style-type: none"> ★ Wood waste is chipped at various facilities throughout the County of San Mateo. The County parks use a portable wood chipper on County park sites. ★ The franchised hauler provides wood recycling debris boxes for county facilities, and road construction projects. Residents can place unpainted wood, non-pressure-treated, into their curbside yard waste carts or pay to drop off the materials at the landfill or Transfer Stations. Various debris box companies provide wood recycling boxes for a fee. <p>Concrete/Asphalt/Rubble</p> <ul style="list-style-type: none"> ★ RecycleWorks administers Construction and Demolition Waste Management Plans for Unincorporated San Mateo County. ★ There are a few locations within the County in which customers can buy recycled inert for their landscaping hardscape projects. <p>Disaster Debris</p> <ul style="list-style-type: none"> ★ Collaborated with the County Office of Emergency Services to prepare a Regional Disaster Debris Management Plan. <p>Shingles</p> <ul style="list-style-type: none"> ★ Rendering/Other Special Waste – vegetable oil recycling is offered by several local haulers, one municipality, and one local business. ★ Recycled 55 gallons of cooking oil from County Facilities. <p>Dead Animal Program</p> <ul style="list-style-type: none"> • Dead animals hit by cars, found dead or that need to be euthanized are rendered by San Jose Tallow in conjunction with the Peninsula Humane Society & SPCA. |

Public Education

RecycleWorks is a countywide public education and outreach program. The RecycleWorks programs, hotline and website provide 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 are used by local jurisdictions to provide support and information to residents and businesses within their city.

Key Public Education Accomplishments:

- The RecycleWorks website had 608,147 website visitors.
- Answered 2124 phone calls on the toll free RecycleWorks hotline.
- Certified 18 businesses in the County as Green Businesses.
- RecycleWorks, in partnership with Sustainable San Mateo County awarded three Green Building Awards at Sustainable San Mateo County awards ceremony.
- Conducted eight (8) Sustainable Gardening lectures and tabled at eight (8) Farmers Markets.
- Master Composters designed and built an exhibit garden for the San Francisco Flower & Garden Show held at the Event Center in San Mateo.
- The Composting Program staff trained 30 Master Composters. These volunteers along with previously trained Master Composters spoke to approximately 13,500 persons at events, fairs and tours.
- The Schools Program gave 55 presentations on the 4R's, 32 presentations on composting, and 10 classroom field trips to over 4,500 students (3,533 students 4R' presentations, 888 students compost presentations, 300 students classroom field trips).
- The Green Building Program gave 10 presentations and workshops on building green for sustainability.
- The County Green Team hosted 12 lunchtime lectures focused on a variety of environmental topics including creative reuse, green building, sustainable gardening and toxics reduction.
- Published the annual school newsletter, "Resource Conservation News", distributed to 7000 FTE (Full Time Equivalent) teachers and school administrators in San Mateo County.

| Program Codes | Program Type/Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|------------|----|-----------|----|------------|---|--------------|-----|---------|---|-------------|-----|------------------|----|---------------|-----|-----------------|----|----------------|----|--------------|-----|------------|----|------------|----|------------------|----|----------------|-----|-------------|----|--------------|-----|-------------|-----|-----------------------|----|------------------|----|------------|----|-----------|-----|-----------------|----|
| 5000-ED-ELC | Electronic (Radio, TV, Website, Hotlines, Videos, Public Services Announcements, any other Social Marketing) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <ul style="list-style-type: none"> * The County supported and contributed staff time to the annual BayROC (Bay Area Recycling Outreach Coalition) regional media campaigns, which focused on reducing Junk Mail with the Stop Junk Mail Kits and the Bring Your Own Bag campaign promoting reusable bags via radio PSA's, web ads, and websites (Igotmybag.org, Stop Junk Mail.org). * Answered 2124 phone calls on the toll free RecycleWorks hotline. * The RecycleWorks website had 608,147 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 search feature for where to recycle various materials and another on where to "buy green." - Information where residents can recycle household hazardous waste items such as CFL's, 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 * Toll free hotline received 2857 phone calls from the 21 jurisdictions of the County and outside of our area: <table border="0" style="margin-left: 20px;"> <tr><td>- Atherton</td><td style="text-align: right;">22</td></tr> <tr><td>- Belmont</td><td style="text-align: right;">95</td></tr> <tr><td>- Brisbane</td><td style="text-align: right;">7</td></tr> <tr><td>- Burlingame</td><td style="text-align: right;">104</td></tr> <tr><td>- Colma</td><td style="text-align: right;">3</td></tr> <tr><td>- Daly City</td><td style="text-align: right;">173</td></tr> <tr><td>- East Palo Alto</td><td style="text-align: right;">26</td></tr> <tr><td>- Foster City</td><td style="text-align: right;">102</td></tr> <tr><td>- Half Moon Bay</td><td style="text-align: right;">54</td></tr> <tr><td>- Hillsborough</td><td style="text-align: right;">36</td></tr> <tr><td>- Menlo Park</td><td style="text-align: right;">153</td></tr> <tr><td>- Millbrae</td><td style="text-align: right;">36</td></tr> <tr><td>- Pacifica</td><td style="text-align: right;">59</td></tr> <tr><td>- Portola Valley</td><td style="text-align: right;">18</td></tr> <tr><td>- Redwood City</td><td style="text-align: right;">304</td></tr> <tr><td>- San Bruno</td><td style="text-align: right;">56</td></tr> <tr><td>- San Carlos</td><td style="text-align: right;">130</td></tr> <tr><td>- San Mateo</td><td style="text-align: right;">333</td></tr> <tr><td>- South San Francisco</td><td style="text-align: right;">99</td></tr> <tr><td>- Unincorporated</td><td style="text-align: right;">80</td></tr> <tr><td>- Woodside</td><td style="text-align: right;">17</td></tr> <tr><td>- Unknown</td><td style="text-align: right;">139</td></tr> <tr><td>- Out-of County</td><td style="text-align: right;">78</td></tr> </table> * Sent out 52 countywide email outreach messages on our email list serve (Savicom) to over 2080 subscribers to our various e-lists. * Received and responded to over 2334 email inquiries for information on , composting, greenbuilding, green business, facilities, and schools through recycleworks.org. * Participated in interview on Radio Disney that focused on reducing waste during the post Holiday season. | - Atherton | 22 | - Belmont | 95 | - Brisbane | 7 | - Burlingame | 104 | - Colma | 3 | - Daly City | 173 | - East Palo Alto | 26 | - Foster City | 102 | - Half Moon Bay | 54 | - Hillsborough | 36 | - Menlo Park | 153 | - Millbrae | 36 | - Pacifica | 59 | - Portola Valley | 18 | - Redwood City | 304 | - San Bruno | 56 | - San Carlos | 130 | - San Mateo | 333 | - South San Francisco | 99 | - Unincorporated | 80 | - Woodside | 17 | - Unknown | 139 | - Out-of County | 78 |
| - Atherton | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Belmont | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Brisbane | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Burlingame | 104 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Colma | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Daly City | 173 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - East Palo Alto | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Foster City | 102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Half Moon Bay | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Hillsborough | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Menlo Park | 153 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Millbrae | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Pacifica | 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Portola Valley | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Redwood City | 304 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - San Bruno | 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - San Carlos | 130 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - San Mateo | 333 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - South San Francisco | 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Unincorporated | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Woodside | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Unknown | 139 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Out-of County | 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 5010-ED-PRN | <p>Print (Advertisements, New Paper Articles, Guides, Brochures, Flyers, other)</p> |
| | <p><i>Advertisements/New Paper Articles</i></p> <ul style="list-style-type: none"> * Regularly advertised in local newspapers, AIA (American Institute of Architects) chapters and ADPSR (Architects, Designers and Planners for Social Responsibility) for green building lectures, tours, etc. * Advertised in the Half Moon Bay Review, in both a regular and a “green” issue. * Collaborated with others to produce articles in the Daily Journal regarding the Green Business Program, composting workshops, and the “Taste and a Talk” series. * Flyers and handouts were distributed at libraries and city halls. * Information was regularly distributed to planning & building departments, the jury waiting room, countywide recycling staff, and haulers. * Other distribution locations of RW publications included: <ul style="list-style-type: none"> - Canada College - Realtor Associations - Homeowner & Property Management Associations - City of Redwood City - City of Daly City - City of Foster City - City of East Palo Alto - City of Millbrae - City of Half Moon Bay - City of San Mateo - Town of Colma - Home and Garden Show - Professional Organizers Association - Businesses served by Recology San Mateo County (formerly NorCal Waste) - Coyote Point Museum - Samaritan House - Peninsula Temple Beth El - Acterra’s Green@Home Program - Individuals requesting materials from the website publications page |
| | <p><i>Guides (Produced, reprinted or distributed)</i></p> <ul style="list-style-type: none"> * Recycling Guides 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). |

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| | <p><i>Brochures (Produced, reprinted or distributed)</i></p> <ul style="list-style-type: none"> * Composting and sustainable gardening brochures. * Nursery Pot Reuse brochure. * Junk Mail kits (brochures) for residents and offices. * 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. * Think Outside The Can Spanish Brochure – a recycling and waste reduction guide for Spanish speaking residents of San Mateo County. * Foster City, Arts & Wine Festival. * Burlingame, Arts & Wine Festival. * Exelixis, Inc. South San Francisco – Health Fair. * South San Francisco, Day in the Park. * Brisbane, Community Festival. * Highlands School Earth Day event. * San Carlos Green. * Daily Journal Senior Resource Fair. |
| | <p><i>Other Pieces (Produced, reprinted or distributed)</i></p> <ul style="list-style-type: none"> * Generic RecycleWorks bookmarks featuring the hotline phone number and website. * Global Warming bookmarks. * Various posters: Cardboard recycling and Reducing Paper 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 in conjunction with BayROC’s Reusable Bag Campaign. * Green Business Program information card. <p>Refer to Outreach, 5020-ED-Out, Institutional /Schools for additional information.</p> |

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| 5020-ED-OUT | <p>Outreach (Presentations, awards, fairs, events, field trips, workshops, technical assistance)</p> |
| | <p><i>Presentations were given to:</i></p> <ul style="list-style-type: none"> * Sustainable San Mateo County Energy Efficiency Roundtable. * Daly City Green Building ordinance meeting. * Green Building workshop for the City and County Engineers Association (Public Works staff of cities in San Mateo County). * San Mateo County employees and the public on sustainability topics during monthly lunchtime Green Bag lectures. * The Green Building Program gave 11 presentations and workshops on building green for sustainability: 19 in Redwood City and eight in South San Francisco to an audience of homeowners and building professionals. * Gave two presentations with Sustainable San Mateo County on the green business program. |

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| | <p><i>Workshops given or staffed (Other):</i></p> <ul style="list-style-type: none"> * Coordinated eight workshops on Green Building: Four PG&E energy classes (~40 attendees each), two Planning and Building Inspector classes and two Build it Green Certified Green Building Professional and Green Retrofitting and Remodeling Trainings (~85 attendees each.) * Universal waste handling workshop for county facilities staff. * Trained 30 new Master Composters volunteers on composting. * Coordinated eight Sustainable Garden Lectures. |
| | <p><i>Awards received (Other):</i></p> |
| | <p><i>Awards/Public Awareness (Other)</i></p> <ul style="list-style-type: none"> * RecycleWorks in partnership with American Institute of Architects and Sustainable San Mateo County awarded three Green Building awards at Sustainable San Mateo County awards ceremony. |
| | <p><i>Fairs (Other)</i></p> <ul style="list-style-type: none"> * Association of Realtors Green Expo. * Belmont Spring Garden Fair. * Belmont Earth Day Fair. * Burlingame Green Fair. * Foster City Earth Day Fair * Maker Faire, San Mateo Fair Grounds. * Oyster Point Earth Day Fair * Monogram Biosciences Green Fair * Pacifica Green Faire. * Portola Valley Earth Day Fair. * San Mateo County Fair exhibit and informational booth. * San Mateo County Health and Benefits Fair (50% of County Employees live in San Mateo County). * CMSESMC Annual Math/Science Resource Fair, San Mateo County Office of Education. |

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| | <p><i>Events/Tours staffing (Other)</i></p> <p><u>Events</u></p> <ul style="list-style-type: none"> * Coastal Clean-Up Day, Pacifica. * Whole Foods Earth Day Event, San Mateo. * City of San Bruno Arbor Day. * Fog Fest, Pacifica. * Genentech Eco Fair Exhibit. * Green Team “Green BBQ” at the County Courthouse. * Greening Your Home, Burlingame. * Home Depot Eco Day. * Life Technologies Earth Day Event. * Lowe’s Home Energy Options Outreach. * NASA Ames Earth Day Event. * San Mateo Chamber of Commerce Business Expo. * San Mateo County New Employee Welcome events (four). * San Mateo County (555 County Center) Farmers Markets (two). * Temple Beth Jacob’s garden dedication in Redwood City. * Peninsula Home & Garden Show (San Mateo County Expo Center). * San Carlos, Home Town Days. * San Francisco Flower & Garden Show (San Mateo County Expo Center). * Millbrae, Earth Day Compost Give-a-Way. * Pacifica, Earth Day. * Woodside, Earth Day Festival. <p><u>Tours</u></p> <ul style="list-style-type: none"> * ”Going Native” garden tour. * Green Open House tours - Atherton. * Eco Solar Tour, Half Moon Bay. * Tour of Green X-Ray House |
| | <p><i>Environmental Campaigns (Shopping, Smart Shopping)</i></p> <ul style="list-style-type: none"> * Participated and funded the regional BayROC (Bay Area Recycling Outreach Coalition) Stop Junk Mail and Reusable Bag Campaigns. |
| | <p><i>Technical Assistance/Waste Information Exchange/Meetings (Other)</i></p> <p><u>Meetings:</u></p> <ul style="list-style-type: none"> * Held four Countywide Recycling Committee events with an average attendance of 23 attendees from various cities, recycling and hauling companies throughout the County. * Facilitated two “CIWMP Five-Year Review” meetings to share ideas between jurisdictions’ elected officials on Solid Waste issues and program planning to prepare the five-year report. |

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| | <p><i>Technical Assistance /Assistance to Jurisdictions</i></p> <ul style="list-style-type: none">* Held two Countywide Green Building meetings to assist jurisdictions in implementing consistent ordinances and develop infrastructure.* Prepared the Quarterly Disposal Report for all jurisdictions.* Processed the Non Disposal Facility Elements for Ferma/City of Redwood City.* Created a committee to update the Countywide Integrated Waste Management Plan.* Prepared the Cal Recycle Annual Report for Unincorporated Areas (Westbay 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 EIR's for Solid Waste Disposal at Ox Mountain.* Held two workshops in the Unincorporated areas of the SBWMA service area in conjunction with the SBWMA on the new cartsmart program. |
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| | <p><i>Technical Assistance Commercial/Industrial (Outreach- Presentation , Workshops Technical Assistance/Audits, Surveys):</i></p> <p>RecycleWorks provides outreach, events, and technical assistance to the commercial sector in San Mateo County.</p> <p><u>Outreach/Presentations</u></p> <ul style="list-style-type: none"> * Coordinated presentation on the Green Building ordinances to the American Institute of Architects – San Mateo Chapter. * Organized eleven “Taste and Talk” networking/educational events on GreenBuilding topics. <p><u>Technical Assistance</u></p> <p>Certified 18 Green Businesses in participating cities;</p> <ul style="list-style-type: none"> * Belmont- Midpeninsula Water District, * Daly City- Imagination Station, * San Carlos - 6, Gina Vallee, State Farm Agent, Dr. Melinda Reynard, Dr. Kotzan Chiropractic, Bullfrog Media, Pioneer Millwork, South Bayside Waste Management Authority, * Portola Valley- 2, Portola Valley Town Center, Portola Valley Library, * Redwood City- 2, San Mateo Historical Society, Bay Area Hypnosis, * Unincorporated- 5 The Cleaning Company, Andale Mexican Restaurant, (3) Starbucks. |
| | <p><i>Institutional/Schools (Outreach- Presentation, Workshops, Technical Assistance/Audits, Surveys)</i></p> <p>Schools outreach is conducted to all schools (public and private) within the County.</p> <p><u>Presentations, Workshops, and Events</u></p> <ul style="list-style-type: none"> * 32 Composting presentations were given, reaching over 888 students and teachers. Presentations were given at public and private schools in Belmont, Redwood City, Pacifica, Millbrae, Daly City, San Bruno, Half Moon Bay, Foster City, San Mateo, and Unincorporated San Mateo County. * Provided two teacher-training worm compost workshops that were held at the San Mateo County Office of Education and Sequoia High School. Fifteen teachers attended. * One presentation on the 4R’s was given to 35 participants at the Bay Area Schools Environmental Conference. * Presentations were provided to public and private schools in the following locations: South San Francisco, Menlo Park, Pacifica, Atherton, Belmont, San Bruno, Burlingame, San Carlos, Daly City, San Mateo, Foster City, Millbrae, Redwood City, Half Moon Bay, and Unincorporated San Mateo County. <p><u>Technical Assistance</u></p> <ul style="list-style-type: none"> * Refer to School Source Reduction, 1040-SR-SCH for additional information. <p><u>Outreach</u></p> <ul style="list-style-type: none"> * Published the annual school newsletter, “Resource Conservation News”, distributed to 7000 FTE (Full Time Equivalent) teachers and school administrators in San Mateo County. * Tabled at the San Mateo County Math and Science Teachers Conference. * Tabled at the Highlands School Earth Day Event. * Participated in a panel at the Carlmont High School Green Job Event. * Reprinted the San Mateo County Habitat Game and distributed 105 copies to teachers throughout San Mateo County. |

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| | <p><i>Waste Assessments/Audits/Surveys (Other not schools or commercial)</i></p> <ul style="list-style-type: none"> * Conducted two waste audits to reduce waste at the County Jail (Redwood City) and County Hospital (San Mateo). * Collected data for Office of Emergency Services for the Regional Disaster Debris Plan. |
| 5030-ED-SCH | <p>Schools (Task Force, Grants, Education/School Curriculum Assistance, Resource Center)</p> |
| | <ul style="list-style-type: none"> * Collaborated with San Francisco County and Alameda County to develop the regional Bay Area Green Star School certification program for schools. Refer to School Source Reduction, 1040-SR-SCH, for more information. * Provided RecycleWorks Resource Center assistance to educators throughout the County. * Conducted ten class field trips to the Transfer Station and Material Recovery Facility: Classes were from schools in San Mateo, Millbrae, San Bruno, Daly City, Redwood City, Hillsborough, East Palo Alto, and Unincorporated San Mateo County. <p>Awards</p> <ul style="list-style-type: none"> * RecycleWorks awarded three awards for creative resource conservation projects at the County Science Fair. |
| 5040 Ed Other | <p>Other Public Education</p> <ul style="list-style-type: none"> * Provided pencils to the public featuring the hotline phone number and website at events and school presentations. * Offered the public eight Sustainable Garden Lectures: two on gardening, three on composting; two on drought tolerant landscaping and one on lawn alternatives. Additional composting workshop information can be found in the Composting section above. <p>Lecture topics:</p> <ul style="list-style-type: none"> - Seasonal Sustainable Gardening: Vegetables/Ornamentals. - Compost Biology and Practical Application in Landscapes. - Vermicomposting Extravaganza: lecture & Demonstration. - Lawn Alternatives. - Seasonal Sustainable Gardening: Fall/Winter Garden Preparation. - Planning and Understanding a Drought Tolerant Garden. - Autumn/Winter Composting: Finished Compost for Spring. - Grey Water Irrigation for Drought Times. |

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| <p>Policy Incentives (Product and Landfill Ban, Economic Incentives, Ordinances, Other)</p> | |
| <p><i>Key Policy Accomplishments:</i></p> | |
| 6000-PL-PLB | <p>Product Landfill Ban</p> <ul style="list-style-type: none"> * |
| 6010-PL-EIN | <p>Economic Incentives (Deposits, Refunds)</p> |

| | |
|--|---|
| 6020-PL-ORD | <p>Ordinances (Support State and Fed Reg Programs, Local Government, Building Codes, Local Government Ordinance)</p> <ul style="list-style-type: none"> * Board of Supervisors approved a new Collection Service and Materials Recovery Facilities provider for CSA 8 and the unincorporated County pockets in the SBWMA service areas. * Organized two Green Building Ordinance meetings for the jurisdictions in San Mateo County to provide assistance on implementing Green Building ordinances. * Assisted five additional jurisdictions in implementing a Green Building ordinance (Belmont, Burlingame, Pacifica, Portola Valley and San Carlos). * Assisted Sequoia Union High School District with the development of their Integrated Waste Management Policy and Energy & Water Management Policy. |
| <p>Facility Recovery (MRF, Landfill, Transfer Station, Composting Facility, ADC, Other)</p> | |
| <p><i>Key Accomplishments:</i></p> | |
| <p>7020 FR-TST 7010-FR-LAN</p> | <p>Facility Recovery (MRF), Landfill, Transfer Stations, Composting Facilities, ADC</p> <ul style="list-style-type: none"> * The Blue Line Transfer Station, Shoreway Environmental Center and the Pescadero Transfer Station continue to be the primary MRFs in San Mateo County that serve the Unincorporated Areas of the County. These facilities provide source separated drop-off recycling opportunities for wood, tires, mattresses, yardwaste, fiber bottles and cans and C&D. The only MRF located in the Unincorporated area of the County is the Pescadero Transfer Station. * Designed and received agencies' approval from the LEA and RWQCB for a capping the Pescadero Landfill and remodeling the Pescadero Transfer Station. The Pescadero Transfer Station remodel will increase recycling and reuse opportunities for South Coastal San Mateo County residents. * Ox Mountain Landfill serves San Mateo County and is owned and operated by Republic Services. The landfill continues to accept greenwaste and wood waste for onsite ADC use and divert clean loads of soil for road building and ADC. The landfill recycles white goods, tires, OCC, paper wood, and bottles and cans. |

Other Sustainability Programs (not funded by AB 939)

Key Accomplishments

- In partnership with C/CAG (City/County Association of Government), supported the completion of greenhouse gas inventories, both government operations and communitywide, for the cities in San Mateo County.
- Reduced countywide energy use by approximately 2.4 million kilowatt-hours, 400 kilowatts and 5000 therms of natural gas through energy-efficiency projects at public agencies, non-profits and businesses through the San Mateo County Energy Watch program. This energy savings reduces the county's carbon footprint by nearly 100 tons of carbon dioxide-equivalent.
- Provided staff to C/CAG's Resource Management and Climate Protection Committee and for C/CAG at the Local Task Force on Solid Waste issues.
- Assumed leadership role of a countywide effort to develop a climate action plan template and greenhouse-gas-emissions-tracking tool for cities in the county
- Convened a Climate Action Working group and solicited two grants (BAAQMD and PG&E) in partnership with C/CAG to develop and Climate Action Plan Template and Tool 'package'.

Sustainability, C02 and Climate Change

Climate Action

- * Held five (5) Resource Conservation & Climate Protection Committee meetings- city staff, elected official, and the public.
- * Provided staff to C/CAG's Resource Management and Climate Protection Committee.
- * Assisted C/CAG in receiving \$50,000 grant from the Bay Area Air Quality Management District to develop climate action plan template and greenhouse-gas-emissions-tracking tool for cities in the county.
- * Carried out a selection process for climate action plan template consultant to C/CAG.
- * Served on the County of San Mateo consultant selection committees for the County's climate action plan and general plan update for the unincorporated community and the County's Energy Master Plan, which will create a schedule for equipment replacements and retrofits.
- * Recommended energy-efficiency and other measures for County's government-operations climate action plan.

Green House Gas

- * Gave presentation on greenhouse gas emissions from landfills and communitywide greenhouse gas inventory
- * Presentation on Energy Watch Program to Joint Venture Climate Protection Task Force – countywide, city staff
- * Completed greenhouse gas emissions inventory report for County government operations and unincorporated areas of the County.
- * Completed communitywide greenhouse gas emissions inventory reports for 14 cities and the unincorporated community

Sustainability, CO2 and Climate Change

Energy Use/EnergyWatch

- Reduced countywide energy use by approximately 2.4 million kilowatt-hours, 400 kilowatts and 5000 therms of natural gas through energy-efficiency projects at public agencies, non-profits and businesses through the San Mateo County Energy Watch program. This energy savings reduces the county's carbon footprint by nearly 100 tons of carbon dioxide-equivalent.
- San Mateo County Energy Watch website (www.smcenergywatch.org) received approximately 1700 unique visits in 2010.
- Assisted 17 cities, the County, and two special districts through the Energy Watch program with energy-efficiency audits, retrofits, technical assistance, rebates, and incentives.
- Served 10 businesses and 15 non-profits through the Energy Watch program with energy-efficiency audits, retrofits and rebates.
- Energy Watch sponsored outreach for Sustainable San Mateo County's Biggest User Contest. The contest funded retrofits in energy-inefficient homes and promoted the retrofits to other residents in the county.
- Energy Watch coordinated six PG&E energy-efficiency classes in the county 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. Each class had between 10-30 attendees.
- Energy Watch held a financial workshop, "Energy Efficiency as an Investment," to train public agency staff on the financial returns that energy-efficiency retrofits can bring their organization. 24 people attended the workshop, and nine public agencies were represented.
- Energy Watch sponsored a Certified Green Building Professional training and Green Retrofitting & Remodeling for Existing Homes training. Approximately 80 individuals attended the Certified Green Building Professional training, and 40 attended the Green Retrofitting & Remodeling for Existing Home trainings.
- Energy Watch sponsored ten "A Taste & A Talk" workshops, which brought together architects, contractors and homeowners for a presentation from expert speakers on making homes energy efficient. Each workshop had approximately 50 attendees.
- Benchmarked 56 public buildings using the EPA's Portfolio Manager tool. Benchmarking allows city staff to track their building's energy usage over time and to identify energy-savings opportunities.
- Launched an Energy Watch green building and energy e-newsletter San Mateo County homeowners, architects, contractors and others involved in the residential or commercial building industry. The successful e-newsletter has 277 subscribers.

FY 11-12

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

This Agreement entered into this 13th day of June, 2011, 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”).

WITNESSETH

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 Operating Budget and Work Scope, July 1, 2011-June 30, 2012, 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 \$96,197.

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, 2011, to June 30, 2012. 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 2012-2013, or July 15, 2012, 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 2010-2011, up to and including the date this Agreement is entered into, so long as such services are

within the budget for fiscal year 2010-2011. 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, 2011, 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 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.

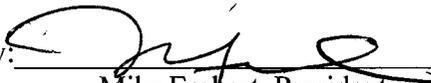
WEST COAST WILDLANDS, INC.

Dated: 6/13/2011

94-3340062
Contractor's Tax I.D. Number
or Social Security Number

PO Box 1057

Pacifica, CA 94044
Contractor Address

By: 
Mike Forbert, President

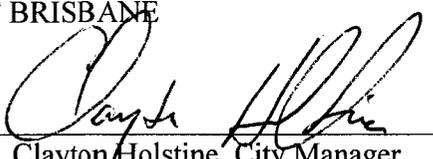
SAN BRUNO MOUNTAIN HABITAT
CONSERVATION TRUST, COUNTY OF
SAN MATEO

Dated: 6/13/2011

By: 
David Boesch, County Manager
County of San Mateo, Trustee

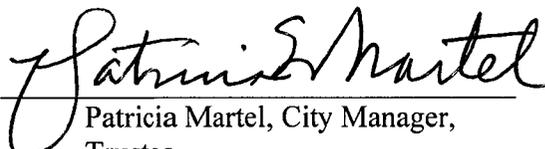
CITY OF BRISBANE

Dated: 6/13/2011

By: 
Clayton Holstine, City Manager,
Trustee

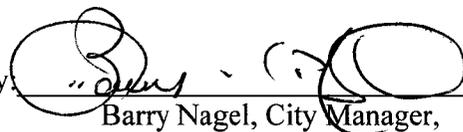
CITY OF DALY CITY

Dated: 6/13/2011

By: 
Patricia Martel, City Manager,
Trustee

CITY OF SOUTH SAN FRANCISCO

Dated: 6/13/11

By: 
Barry Nagel, City Manager,
Trustee

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**SAN BRUNO MOUNTAIN AREA
HABITAT CONSERVATION PLAN**

OPERATING BUDGET AND WORK SCOPE

**FOR HABITAT MAINTENANCE
AND EXOTICS CONTROL EFFORTS**

FISCAL YEAR: JULY 1, 2011 - JUNE 30, 2012

Prepared by:

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

FINAL

May 2011

Submitted To:

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

EXHIBIT A

PROPOSED WORK SCOPE FISCAL YEAR 2011/2012

A description for each task within the work program is provided below. See Table 1: Cost Summary For Fiscal Year 2011/2012 for the proposed budget for 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 the time that is 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 included in Administration and Project Supervision in 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, 2012. WCW will prepare and submit an annual report to the Habitat Manager (County of San Mateo) by December 31, 2011. 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 year 2010 will be reported. This report can be included in the required Annual Permit Report sent to the USFWS by January 31, 2012.

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 is 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. The 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 third week of March to discuss the FY2010/2011 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 April of 2011 discussed 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

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 previous *Oxalis* control option project is now incorporated into FY2011/2012 Habitat Maintenance Plan. A total of 25 acres were treated in the winter of 2010/2011. The *Oxalis pes-caprae* increase in total biomass exceeding our original site estimates for 2011. We mapped all past and current infestations on San Bruno Mountain (Figure 2) in February 2011 for discussion on control of satellite areas and/or large monocultures at the next TAC meeting in April 2011.

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.

For the past 26 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 33 specific sites spread throughout the Mountain's MUs (see attached budget spreadsheet at the end of the document).

Our Invasive plant control efforts are also augmented by volunteer groups, local homeowner's association (Terra Bay HOA), private landowners and agencies working through grant-funded programs. Currently several groups are involved: Myer's Development Group, San Bruno Mountain Watch, The Friends of San Bruno Mountain, Heart of the Mountain, The California Native Plant Society, and San Mateo County Parks. In 2011/2012, 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

The eastern section of this MU has F. broom and Oxalis present. Both non-native species are 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 had been reduce in this area by 40% the past 3 years. Continued maintenance is included in the next fiscal year.

April Brook

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 has been to control or eradicate additional invasive species that include F. broom, W. radish, I. thistle and cotoneaster.

Saddle

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. 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

Dairy and Wax Ravines

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.

The Dairy Ravine invasive species were reduced in FY2010/2011 and allowed funds to be distributed to some of the newer sites. We have revised this for FY2011/2012 to include

additional funding for the control of cotoneaster located adjacent to the north-central area of the hiking trail in Dairy Ravine and encroaching on perennial grassland habitat.

This year we added *Oxalis pes-caprae* to the weed list, as mapped, during the February 2011 walking survey in Wax Myrtle Ravine. The *Oxalis* had been located inside and adjacent to the County Park boundary within the McKesson parcel. The McKesson Parcel is currently being assessed for Exotics control with a 3-year initial Weed Maintenance Plan and a 2-year follow up plan.

Devils Arroyo

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.

Southwest Slope

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*.

Hillside/Juncus

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 and has a large infestation of *Oxalis* that is within Mission blue butterfly habitat. The original infestation was managed by the previous owner, Myers Development Company, and reduced by 75%. Unfortunately new *Oxalis* infestations have occurred within the MU. The funding has been increased to treat mature *Oxalis* infestation, reducing their biomass and allowing 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.

Additional sites added to the maintenance budget in FY2010/2011 were located at Hillside/Juncus MU and the South Slope MU called the Remainder lands that were dedicated to San Bruno Mountain County Parks department and has critical habitat for the endangered Callippe butterfly.

Carter/Martin

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. Some areas surrounding the Park boundary are seed sources for the weeds being controlled within the MU. There will always be some effort required to maintain a weed-free butterfly habitat.

Northeast Ridge

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.

Owl and Buckeye Canyons

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. In 2010/2011 100 feet of living coyote brush was removed along the ridgelines and allow the native grasses, forbs and herbaceous species the opportunity to re-colonize. Additional funds were added for both ridgelines and expand the brush reduction another 25 plus feet on both sides of the control. This control helps recreate grassland habitat that existed prior to coastal scrub (I.e. Coyote brush) migrating onto the sub-ridgelines.

Brisbane 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 is treated at the same time.

Six photo stations have been placed within the Brisbane Acres burn area to monitor the eastern Ridge Trail, Buckeye and Owl Canyons' native to non-native plant changes. The photo stations are visited during the spring by West Coast Wildlands for photo documentation of site change. Native bunch grasses, forbs and shrubs have returned from increased season precipitation on the Mountain during the FY2011/2012 winter months.

Southeast Ridge & South Slope

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-caprea*) thistles (i.e. Italian and Bristly ox-tongue) and mustards (i.e. W radish. and M. mustard). The highly invasive species *Oxalis pes-caprea* or Bermuda buttercup was found in the winter of 2010 for the first time Figure 2. This plant has the ability to out-compete all existing native perennial grasses.

C.2. West Coast Wildlands Integrated Pest Management (IPM) Plant Control

The greatest portion of the 2011/2012 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 2011 Habitat Maintenance and Exotics Plan increased the hand and mechanical efforts by another 20% from the previous year as noted in the 2011/2012 Budget Table.

Herbicide recommendations are written by at licensed DPR Pest Control Advisor (PCA) and Monthly Use Reports (MURs) 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. HABITAT RESTORATION PLANTING ISLANDS

The maintenance of butterfly habitat islands at N.E Ridge (NER1 & 2, NERPI 3-6, 7a & 7b and Dairy Ravine & Colma Creek sites (Sites CC1, D1 & D5) site visits will be part of our weed control while the crew is working in the surrounding habitat areas.

**Table 1: WCW COST SUMMARY FOR FISCAL YEAR 2011/2012
San Bruno Mountain Habitat Conservation Plan**

A. PROGRAM MANAGEMENT (HADM)

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 (HMAI)

WCW

| | | |
|---|---|--------|
| 1 | West Coast Wildlands Invasive Plant Control | 87,197 |
|---|---|--------|

Subtotal \$87,197

GRAND TOTAL \$96,197

WCW Billing Rates -- Fiscal Year 2011/2012

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 | 47.50 |
| Spray Crew | 47.50 |
| Field Crew | 47.50 |
| 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 2011 – 2012

West Coast Wildlands, Inc.
Budget Table, FY2011/2012

| Site | Hand/cut | | Hours Spray Rig | Hours B.P. Spray | Gals | Garlon | Gals Garlon 25% | Gals | Aquamaster | Cost/Site |
|------------------------|--------------|--------------|-----------------|------------------|-----------|-------------|-----------------|------|------------|-------------|
| | Hours of Mow | Hours of Mow | | | | | | | | |
| Cost Basis | \$47.50 | \$47.50 | \$55 | \$47.50 | \$3.75 | \$72.00 | \$2.75 | | | |
| 1 Tank/Upper Slope | 0.00* | 0.00* | \$0* | 50 | 200 | \$750.00 | \$0.00 | 50 | \$137.50* | \$3,262.50 |
| 2 Hillside/Upper Slope | 0.00* | 0.00* | \$1,650* | 40 | 200 | \$750.00 | \$0.00 | | \$0.00* | \$4,300.00 |
| 3 Juncus/Upper Slope | 0.00* | 0.00* | \$2,200* | 50 | 200 | \$750.00 | \$0.00 | | \$0.00* | \$5,325.00 |
| 4 Terrabay Fenceline | 0.00* | 0.00* | \$0* | 35 | 75 | \$281.25 | \$0.00 | 10 | \$27.50* | \$1,971.25 |
| 5 SER/Summit | 30 | 1,425.00* | \$550* | 60 | 250 | \$937.50 | \$0.00 | | \$0.00* | \$5,762.50 |
| 6 Ridge Trail E & W | 30 | 1,425.00* | \$0* | 45 | 125 | \$468.75 | \$0.00 | | \$0.00* | \$4,031.25 |
| 7 Ice House Hill | | | | | | | | | | |
| 8 Preservation Parcel | 25 | 1,187.50 | \$1,100 | 40 | 75 | \$281.25 | \$0.00 | 10 | \$27.50 | \$4,496.25 |
| 9 Buckeye/Owl | 30 | 1,425.00* | \$0* | 50 | 100 | \$375.00 | \$720.00 | 10 | \$27.50* | \$4,922.50 |
| 10 Hill W. Quarry | | 0.00* | \$0* | 20 | 150 | \$562.50 | \$0.00 | | \$0.00* | \$1,512.50 |
| 11 Red Tail Cyn. | | | | | | | | | | |
| 12 Devil's Arroyo | 30 | 1,425.00 | \$0 | 20 | 25 | \$93.75 | \$0.00 | | \$0.00* | \$2,468.75 |
| 13 Bris. Water Tank | 20 | 950.00* | \$0* | 40 | 150 | \$562.50 | \$288.00 | 10 | \$27.50* | \$3,728.00 |
| 14 Callippe Hill | | | | | | | | | | |
| 15 Fence Line NER | 20 | | | | | | | | | |
| 16 Linda Vista E. end | 20 | 950.00* | \$0* | 20 | 50 | \$187.50 | \$0.00 | 10 | \$27.50* | \$2,115.00 |
| 17 Linda Vista\SBM | 20 | 950.00* | \$0* | 20 | 1,100.00* | \$0.00 | \$0.00 | 10 | \$25.00 | \$2,075.00 |
| 18 Bris Off Park | | 0.00* | \$0* | 20 | 75 | \$281.25 | \$0.00 | 15 | \$41.25* | \$1,272.50 |
| 19 Old Ranch Rd | 20 | 950.00* | \$0* | 15 | 50 | \$187.50 | \$0.00 | 10 | \$27.50* | \$1,877.50 |
| 20 Saddle-Unit 1 | | 0.00* | \$0* | 45 | 100 | \$375.00 | \$0.00 | 10 | \$27.50* | \$2,540.00 |
| Unit 2 | | 0.00* | \$0* | 30 | 100 | \$375.00 | \$0.00 | 10 | \$27.50* | \$1,827.50 |
| Unit 3 | | 0.00 | \$0* | 40 | 100 | \$375.00 | \$0.00 | 10 | \$27.50* | \$2,302.50 |
| 21 Radio Rd | | 0.00* | \$0* | 30 | 50 | \$187.50 | \$144.00 | 20 | \$55.00* | \$1,811.50 |
| 22 Remainderlands | 30 | 1,425.00* | \$0* | 30 | 1,425.00* | \$0.00 | \$0.00 | | \$0.00* | \$3,037.50 |
| 23 Guad Cyn Pkwy | 10 | 475.00* | \$0* | 40 | 1,900.00* | \$187.50 | \$144.00 | 15 | \$41.25* | \$2,747.75 |
| 24 Pt. Pacific | | 0.00* | \$0* | 35 | 1,662.50* | \$375.00 | \$0.00 | 8 | \$22.00* | \$2,059.50 |
| 25 Bitter Cherry | | 0.00* | \$0* | 15 | 712.50* | \$56.25 | \$0.00 | 10 | \$27.50* | \$796.25 |
| 26 Ridge lines/WP | | 0.00* | \$0* | 35 | 1,662.50* | \$150.00 | \$0.00 | 10 | \$27.50* | \$1,840.00 |
| 27 Ridge lines/Hoff | | 0.00* | \$0* | 40 | 1,900.00* | \$75.00 | \$0.00 | 10 | \$27.50* | \$2,002.50 |
| 28 Colma Creek | 40 | 1,900.00* | \$0* | 40 | 1,900.00* | \$187.50 | \$0.00 | 50 | \$137.50* | \$4,125.00 |
| 29 April Brook | | | | | | | | | | |
| 30 Dairy Ravine | 30 | 1,425.00* | \$0* | 45 | 2,137.50* | \$375.00 | \$288.00 | 4 | \$68.75* | \$4,294.25 |
| 31 Wax Myrtle-Upper | 20 | 950.00* | \$1,100* | 40 | 1,900.00* | \$843.75 | \$360.00 | 5 | \$206.25* | \$5,360.00 |
| 32 Hoffman St. | | 0.00* | \$0* | 25 | 1,187.50* | \$93.75 | \$0.00 | | \$0.00* | \$1,281.25 |
| 33 Kamchatka | | | | 20 | 950.00 | \$93.75 | \$0.00 | | \$0.00 | \$1,043.75 |
| Meetings | | | | | | | | | | \$1,008.00 |
| Total Column | 375 | \$16,862.50 | \$6,600.00 | 1035 | 49,312.50 | \$10,406.25 | \$1,944.00 | 388 | \$1,064.50 | \$87,197.75 |

West Coast Wildlands, Inc.

May 2011

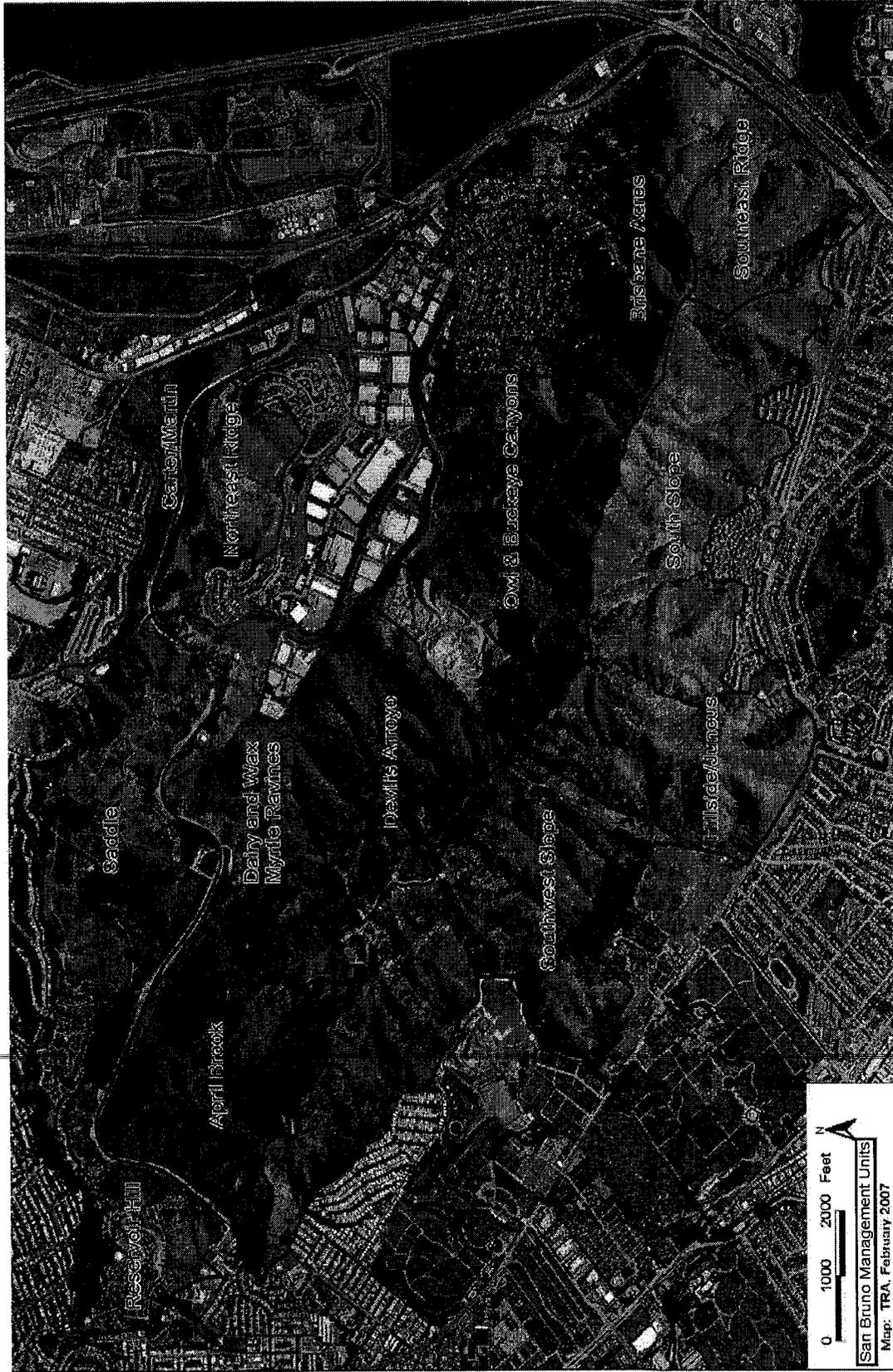


FIGURE 1

2011 San Bruno Mountain Oxalis Pes-caprea Mapping

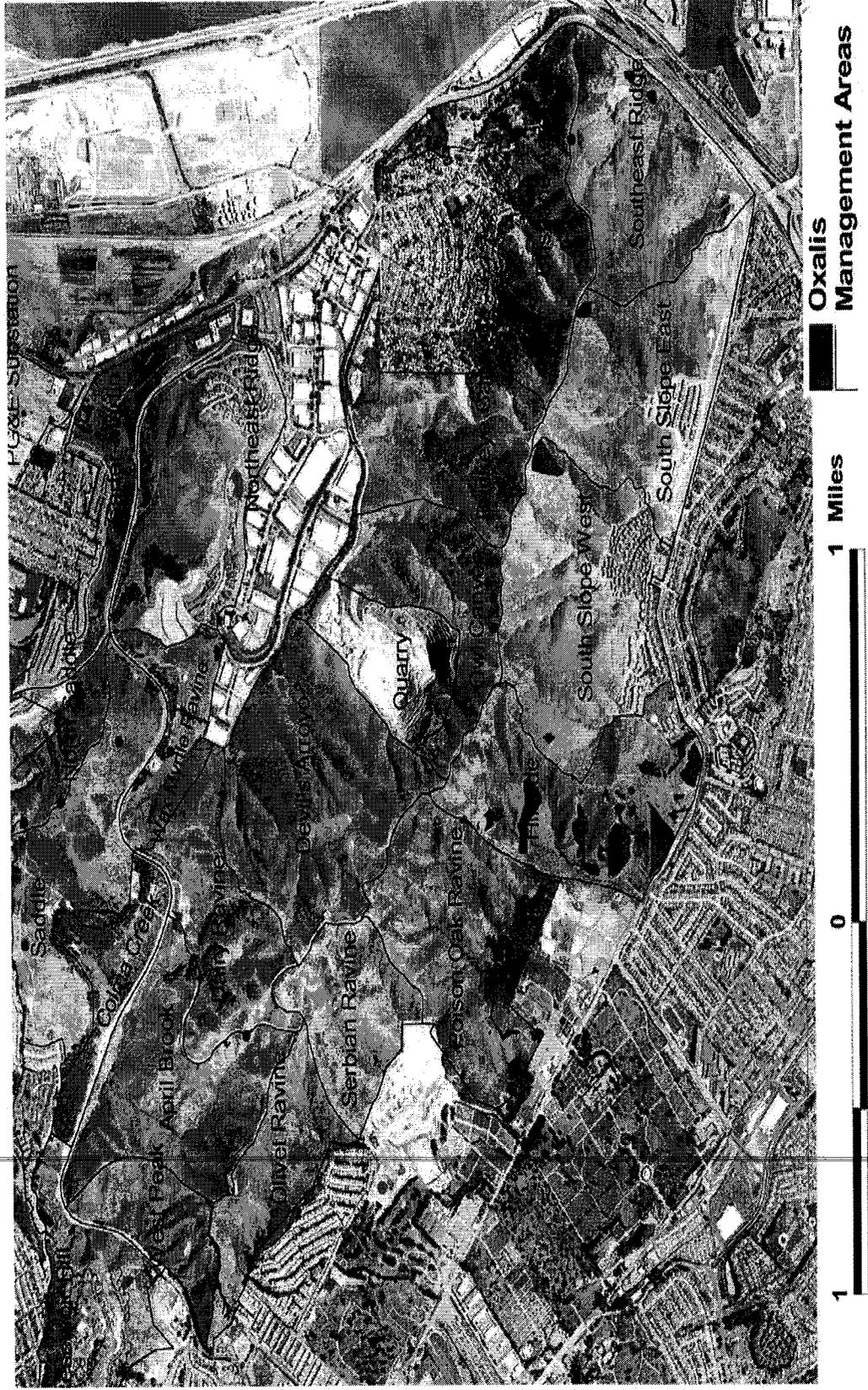


FIGURE 2



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.

WCW Billing Rates -- Fiscal Year 2011/2012

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West Coast Wildlands (includes all overhead)

STAFF BILLING RATES

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|----------------------------|--------------|
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| 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 | 47.50 |
| Spray Crew | 47.50 |
| Field Crew | 47.50 |
| 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% |