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September 13, 2011

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

Dear Mr. Wolfe:

Re: San Mateo County Flood Control District FY 2010-2011 Annual Report – Municipal Regional Stormwater NPDES Permit No. CAS612008, Order R2-2009-0074

I certify under penalty of law that this document and all attachments to this document were prepared under my direction or 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 the possibility of fine and imprisonment for knowing violations.

Very truly yours,

James C. Porter
Director of Public Works
RCE No. 48056

JCP:AMS:MC:JC:

G:\users\utility\watershed_protection\STOPPP_NPDES\NPDES\MRP\2010_2011 Annual Report\SMCFCD MRP_Cert_Cover_FY10_11.doc

Encl.: San Mateo County Flood Control District Annual Report – FY 2010-11

cc: Ann M. Stillman, P.E., Deputy Director of Public Works, Engineering and Resource Protection
Julie Casagrande, Watershed Protection Specialist, Utilities-Flood Control-Watershed Protection

FY 2010-2011 Annual Report

Permittee Name: San Mateo County Flood Control District

ATTACHMENT B

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Permittee Name: San Mateo County Flood Control District

Section 1 – Permittee Information

Background Information				
Permittee Name:	San Mateo County Flood Control District			
Population:	Non-population based Permittee			
NPDES Permit No.:	CAS612008			
Order Number:	R2-2009-0074			
Reporting Time Period (month/year):	July 2010 through June 2011			
Name of the Responsible Authority:	James C. Porter	Title:	Director, Department of Public Works	
Mailing Address:	555 County Center, 5 th Floor			
City:	Redwood City	Zip Code:	94063	County: San Mateo County
Telephone Number:	650-363-4100	Fax Number:	650-361-8220	
E-mail Address:	jporter@co.sanmateo.ca.us			
Name of the Designated Stormwater Management Program Contact (if different from above):	Julie Casagrande	Title:	Watershed Protection Specialist	
Department:	Public Works			
Mailing Address:	555 County Center, 5 th Floor			
City:	Redwood City	Zip Code:	94063	County: San Mateo County
Telephone Number:	650-599-1457	Fax Number:	650-361-8220	
E-mail Address:	jcasagrande@co.sanmateo.ca.us			

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

San Mateo County Flood Control District (SMCFCD) and Department of Public Works (DPW) staff regularly attended: NPDES Technical Advisory Committee, Municipal Maintenance Subcommittee, Trash Workgroup, and Integrated Pest Management Group meetings. During FY 2010-11, the SMCFCD continued implementation of the Colma Creek Maintenance Monitoring Program including thirteen (13) litter & debris cleanups and weeding of non-native species at three primary locations near the Colma Creek mouth to the Bay and four (4) routine quarterly inspections. SMCFCD staff also conducted pump station monitoring (dry and wet weather) and routine inspections as required by the MRP. All SMCFCD maintenance activities were completed in accordance with 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:

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

Comments:

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

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

N/A	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
N/A	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

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

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

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 conducted small scale graffiti abatement at one location on behalf of the SMCFCD. The graffiti abatement involved painting over graffiti on the building walls at one pump station using environment-friendly, biodegradable products. This process generated no airborne or downstream residue/contaminants. Staff from the Construction Services Section of DPW have 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: Yes 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 stations¹ (add more rows for additional pump stations):

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
Walnut Pump Station, 7th Avenue & Walnut Avenue, San Bruno	8/12/2010	8.2	10/26/2010	7.9
Angus Pump Station, 7th Avenue & Angus Avenue, San Bruno	8/12/2010	6.8	10/26/2010	5.7

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

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C.2 – Municipal Operations

Permittee Name: San Mateo County Flood Control District

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

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)
Walnut Pump Station, 7th Avenue & Walnut Avenue, San Bruno	12/23/2010	<0.1	No	No	Yes (low)	Yes (low to med)
Walnut Pump Station, 7th Avenue & Walnut Avenue, San Bruno	1/31/2011	<0.1	No	No	Yes (low)	No
Angus Pump Station, 7th Avenue & Angus Avenue, San Bruno	12/23/2010	<0.1	No	No	Yes (low to med)	No
Angus Pump Station, 7th Avenue & Angus Avenue, San Bruno	1/31/2011	<0.1	No	No	Yes (low)	Yes (low)

C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural ² roads:		<input type="checkbox"/>	Yes
		<input checked="" 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 type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas		
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources		
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts		
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality		
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion		
<input 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 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:			

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: San Mateo County Flood Control District

C.2.f. ► Corporation Yard BMP Implementation

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

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

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

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

Comments:

The SMCFCFD does not have a corporation yard or dedicated maintenance staff and instead utilizes the County DPW Roads crew for routine maintenance activities. DPW Roads has several Corporation Yards (one in Redwood City and three in rural, coastal San Mateo County) but does not wash vehicles or equipment in the 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. Routine inspections were conducted at these facilities and are reported in the annual report for the County of San Mateo. No violations were reported.

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

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

Section not applicable to San Mateo County Flood Control District

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: **N/A**

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: **N/A**

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.

N/A

C.3.c. Low Impact Development Reporting

N/A

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

N/A

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

(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:

Permittee Name: San Mateo County Flood Control District

(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:

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

N/A

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)	Total Replaced Impervious Surface Area (ft ²)	Total Pre- Project Impervious Surface Area ⁷ (ft ²)	Total Post- Project Impervious Surface Area ⁸ (ft ²)
Private Projects											
Public Projects											
Comments:											

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										N/A
Project Name Project No.	Application Deemed Complete Date ⁹	Application Final Approval Date ⁹	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}	Alternative Certification ¹⁷	HM Controls ^{18/19}
Private Projects										
Comments:										

⁹ For private projects, state project application deemed complete date and final discretionary approval date.
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.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period										N/A
Project Name Project No.	Is Funding Committed? ²⁰	Date Construction Scheduled to Begin ²⁰	Source Control Measures ²¹	Site Design Measures ²²	Treatment Systems Approved ²³	Operation & Maintenance Responsibility Mechanism ²⁴	Hydraulic Sizing Criteria ²⁵	Alternative Compliance Measures ^{26/27}	Alternative Certification ²⁸	HM Controls ^{29/30}
Public Projects										
Comments:										

²⁰ For public projects, enter “Yes” or “No” under “Is Funding Committed?” and enter a date under “Date Construction Scheduled to Begin”.

²¹ 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.

²² 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.

²³ 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.).

²⁴ 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.

²⁵ 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).

²⁶ 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.

²⁷ 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.

²⁸ Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁹ If HM control is not required, state why not.

³⁰ 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 N/A

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) ³¹	Party Responsible ³² For Maintenance	Date of Inspection	Type of Inspection ³³	Type of Treatment/HM Control(s) Inspected ³⁴	Inspection Findings or Results ³⁵	Enforcement Action Taken ³⁶	Comments

³¹ Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

³² State the responsible operator for installed stormwater treatment systems and HM controls.

³³ State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

³⁴ 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.

³⁵ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

³⁶ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

Section 4 – Provision C.4 Industrial and Commercial Site Controls
Section not applicable to San Mateo County Flood Control District

Program Highlights

Provide background information, highlights, trends, etc.

The jurisdiction of the SMCFCD is limited to the flood control channels that were constructed and maintained by the District. We do not have legal authority for pollutant control on industrial sites located within the adjacent jurisdictions; however, we do work collaboratively with the adjacent municipalities to address stormwater concerns. For example, information related to any problems observed during the Colma Creek routine quarterly inspections is forwarded to the adjacent municipalities' enforcement staff for follow-up action.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan? Yes No

If No, explain:
No legal authority.

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.

N/A

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.

N/A

C.4.c.iii.(1) ► Facility Inspections		N/A	
Fill out the following table or attach a summary of the following information. Indicate your violation reporting methodology below.			
<input type="checkbox"/>	<input type="checkbox"/>	Permittee reports multiple discrete violations on a site as one violation.	
<input type="checkbox"/>	<input type="checkbox"/>	Permittee reports the total number of discrete violations on each site.	
		Number	Percent
Number of businesses inspected			
Total number of inspections conducted			
Number of violations (excluding verbal warnings)			
Sites inspected in violation			
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner			
Comments:			

C.4.c.iii.(2) ► Frequency and Types/Categories of Violations Observed		N/A	
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)			
Potential discharge and other			
Comments:			

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

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

	Enforcement Action (as listed in ERP) ³⁷	Number of Enforcement Actions Taken	% of Enforcement Actions Taken³⁸
Level 1			
Level 2			
Level 3			
Level 4			
Total			

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

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

Business Category³⁹	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations

C.4.c.iii.(4) ► Non-Filers N/A

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

--

³⁷ Agencies to list specific enforcement actions as defined in their ERPs.

³⁸ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

³⁹ List your Program's standard business categories.

C.4.d.iii ► Staff Training Summary			N/A	
Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance

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

Program Highlights

Provide background information, highlights, trends, etc.

The jurisdiction of the SMCFCD is limited to the flood control channels that were constructed and maintained by the District. We do not have legal authority to prohibit and control illicit discharges and implement enforcement within the adjacent jurisdictions; however, we do work collaboratively with the adjacent municipalities to address stormwater concerns. For example, information related to illicit discharges observed during the Colma Creek routine quarterly inspections is forwarded to the adjacent municipalities' enforcement staff for follow-up action and tracking. Any calls and complaints that are received by the County and SMCFCD pertaining to illicit discharges are forwarded to the appropriate adjacent municipality for response and tracking. No calls and complaints were received during this reporting period.

An ERP for unincorporated San Mateo County is kept on file at County Environmental Health and the Planning and Building Department.

MS4 maps of the storm drain system within unincorporated San Mateo County are available to the public and can be accessed at the front counter of the DPW office at 555 County Center, 5th Floor, Redwood City.

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
Julie Casagrande	Illicit Discharge Coordinator, San Mateo County Flood Control District	650-599-1457
Dermot Casey	Illicit Discharge Coordinator, Unincorporated San Mateo County	650-372-6257
County Department of Public Works		650-363-4100
County Environmental Health Division		650-363-4305
County Office of Emergency Services		650-363-4790
SMCWPPP		650-372-6200

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

N/A

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

Description:

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

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:

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

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))		
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))		
Discharges resolved in a timely manner (C.5.f.iii.(3))		

Comments:
Any calls and complaints that are received by the County and SMCFCFD pertaining to illicit discharges are forwarded to the appropriate adjacent municipality for response and tracking. No calls and complaints were received during this reporting period.

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

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

Section 6 – Provision C.6 Construction Site Controls
 Section not applicable to San Mateo County Flood Control District

C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals		N/A
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)
#	#	#
Comments:		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		N/A
BMP Category	Number of Violations⁴⁰	% of Total Violations⁴¹
Erosion Control		
Run-on and Run-off Control		
Sediment Control		
Active Treatment Systems		
Good Site Management		
Non Stormwater Management		
Total		100%

⁴⁰ Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

⁴¹ Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

C.6.e.iii.1.e ▶ Construction Related Storm Water Enforcement Actions		N/A	
	Enforcement Action (as listed in ERP) ⁴²	Number Enforcement Actions Taken	% Enforcement Actions Taken ⁴³
Level 1			
Level 2			
Level 3			
Level 4			
Total			100%

C.6.e.iii.1.f, g ▶ Illicit Discharges		N/A	
			Number
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)			
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)			

C.6.e.iii.1.h, i ▶ Violation Correction Times		N/A	
		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)			% ⁴⁴
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)			% ⁴⁵
Total number of violations for the reporting year ⁴⁶			100%
Comments:			

⁴² Agencies should list the specific enforcement actions as defined in their ERPs.

⁴³ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁴⁴ Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

⁴⁵ Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

⁴⁶ 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 N/A

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

Description:

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

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

Description:

C.6.f ► Staff Training Summary N/A

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance

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:

Not required for this Annual Report

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

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

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 were no changes in the Stormwater Point of Contact information.

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
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 SMC FCD's role in cleaning and monitoring Colma Creek and discussed future opportunities for community involvement.

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:

- 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.

Additional Public Outreach Events:

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.

- 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:

During FY 10-11, SMCWPPP maintained and updated the online guide, Environmental Resource Guide of Groups and Organizations in San Mateo County with Watershed Stewardship Efforts to encourage public involvement in watershed volunteer efforts. In addition, all of the organization's events throughout the year were posted on the Program's popular "Community Events" page to publicize and encourage participation by county residents in local stewardship efforts.

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
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)	Creek clean-up day	138 volunteers; litter removed along 1 mile of creek channel; approximately 1250 lbs of trash and 215 lbs of recyclables.
Colma Creek Planting Event, 11/13/2010, Colma Creek mitigation area downstream of Utah Avenue (local event, program is regional)	Native planting day	36 volunteers; 189 native plants planted.
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)	Street litter cleanup and audit	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
Taking Out the Trash Litter Cleanup/Audit in collaboration with CWA and the City of South	Street litter cleanup and audit	Sidewalks along 1.1 miles of roadway; 11 participants plus staff from CWA; results and

San Francisco, 1/22/2011, 2 sites – El Camino Real & Mission Road, South San Francisco (local event, program is regional)		additional information available at: http://www.cleanwater.org/programinitiative/taking-out-trash-california-0
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)	Street litter cleanup and audit	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
National Rivers Cleanup Day in collaboration with the City of South San Francisco, 5/21/2011, Colma Creek downstream of Utah Avenue (local event)	Creek clean-up	5 volunteers; approximately 5 cubic yards of trash removed

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
The following separate reports developed by SMCWPPP is included within the C.7 Public Information and Outreach section of the Program's FY 10-11 Annual Report: <ul style="list-style-type: none"> • FY 10-11 Banana Slug String Band Elementary School Assembly Program • FY 10-11 Rock Steady Science High School In Class Presentations 			
<p><u>Additional School-Age Children Outreach:</u></p> <p>In addition to the school-age children outreach programs 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.</p> <ol 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. Distributed 26 bottle and can bins with signage to six public and private schools. 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). 			

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
If Not attached , explain: Note - 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.				
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 and SMCFCFD staff 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.				

C.9.b ▶ Implement IPM Policy or Ordinance

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

The SMCFCFD did not use pesticides at any of the County-maintained flood control facilities during this reporting period.

Trends in Quantities and Types of Pesticides Used⁴⁷

Pesticide Category and Specific Pesticide Used	Amount ⁴⁸				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	0	0			
Product or Pesticide Type A					
Product or Pesticide Type B					

⁴⁷ Includes all municipal structural and landscape pesticide usage by employees and contractors.
⁴⁸ Weight or volume of the product or preferably its active ingredient, using same units for the product each year.

Pyrethroids	0	0			
Product or Pesticide Type X					
Product or Pesticide Type Y					
Carbaryl	0	0			
Fipronil	0	0			

C.9.c ▶ Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	0
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	N/A
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.	N/A

C.9.d ▶ Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	X	No
If yes, attach one of the following:					
<input type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR				
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR				
<input type="checkbox"/>	Equivalent documentation.				
If Not attached , explain:					

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:

Per the MRP, non-population based permittees are not subject to this trash reduction requirement/provision; however, the SMCFCFD proactively participates in a variety of countywide and regional trash reduction activities. 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. SMCFCFD 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. Additionally, the SMCFCFD is working collaboratively with the municipalities having jurisdiction over watershed lands draining into SMCFCFD-maintained channels.

SMCFCFD 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.**

The County began implementing trash load reduction strategies that will be incorporated into the short-term trash load reduction plan for unincorporated San Mateo County. Although the SMCFCFD is not required to develop a short-term trash load reduction plan, implementation of these strategies and activities within unincorporated San Mateo County may also serve to reduce trash loading to SMCFCFD-maintained channels. 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 for 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 fiscal 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.

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:

Per the MRP, non-population based permittees are not subject to this trash reduction requirement/provision; however, the SMCFCD proactively participates in a variety of countywide and regional trash reduction activities. Please see the C.10 Trash Load Reduction section of Program's FY10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees. The County has been participating in BASMAA Trash Baseline Loading Study. One of our recently installed full trash capture devices is a study monitoring location.

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. SMCFCD is required to install 1 trash boom or 2 outfall capture devices by July 1, 2014. We are currently investigating potential site locations, device feasibility, and cost.

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)
Colma Creek (COL02)	9/11/2010, 9/25/2010	2.25 cubic yards	Convenience/fast food items, Styrofoam, bottles, plastic bags, and balls	Trash accumulation from upstream sources, littering, illegal dumping, and storm drain outfalls
San Bruno Creek (SBR01)	8/13/2010, 8/14/2010	3 cubic yards	Bottles, Styrofoam, balls, convenience/fast food items, and vegetative debris	Trash accumulation from upstream sources and littering

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.

Per the MRP, non-population based permittees are not subject to this trash reduction requirement/provision; however, the SMCFCFCD proactively participated in a variety of countywide and regional trash reduction actions summarized below. 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.

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
Continued implementation of Colma Creek Maintenance Monitoring Program including 13 cleanups at three primary locations along Colma Creek	May 2005	Level of implementation steadily increasing since start in 2005 (9 cleanups in 2005-06 vs 13 cleanups in 2010-11).	46.5 cubic yards	Dumping, convenience/fast food items, styrofoam, bottles, plastic bags
Implementation of volunteer cleanups (Coastal Cleanup at Utah, National River Cleanup Day downstream of Utah)	September 2010	Level of implementation increased after MRP adoption.	Approximately 1250 lbs of trash and 215 lbs of recyclables removed at Coastal Cleanup	Dumping, convenience/fast food items, styrofoam, bottles, plastic bags

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Permittee Name: San Mateo County Flood Control District

C.10 – Trash Load Reduction

			Day and 5 cubic yards of trash removed on National River Cleanup Day	
Participation in Taking Out the Trash Study including 3 litter audits in the Colma Creek Watershed to document sources of litter and work towards source reduction.	Summer 2010	Study began after MRP adoption	Volume not determined. Study involved product/item-specific counts. Please see results for more detailed information.	Most frequently littered items - cigarettes, napkins, food and non-food wrappers, receipts, cellophane wrappers (cigarette packaging), flyers/menus/printed paper, straws, bottle caps, and beverage lids. Results and additional information available at: http://www.cleanwater.org/programinitiative/taking-out-trash-california-0
County ordinance prohibiting food vendors from using polystyrene based disposable food service ware.	Adopted 2/15/2011; Effective 7/1/2011	Level increased after MRP adoption	Unknown	Polystyrene based disposable food service ware
The County continues to participate in the BayROC “Bring your Own Bag” Campaign to reduce plastic bag waste at stores within the County.	BAYROC Program began in 2000	Level has remained constant during this period	Unknown	Single-use plastic bags
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.	January 2008	Level has remained constant during this period	Unknown	Single-use beverage containers and plastic bags
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	1/1/11	Level has been increased/improved since MRP adoption	Unknown	Household

<p>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.</p> <p>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 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.</p> <p>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 eighteen (18) full trash capture devices (West Coast Storm connector pipe screens and auto retractable screens) in unincorporated San Mateo County within the Colma Creek watershed. Funding for the full trash capture devices was provided through the Bay-area Wide Trash Capture Demonstration Project</p>	<p>Spring 2011</p>	<p>Units installed after MRP adoption</p>	<p>Not known at this time</p>	<p>Mixed street litter</p>

<p>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 25 acres are currently being treated.</p>				
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Section 11 - Provision C.11 Mercury Controls

C.11.a.i ► Mercury Recycling Efforts

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

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

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.

Amount collected:

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.

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.

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C.11 – Mercury Controls

Permittee Name: San Mateo County Flood Control District

- 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.

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.

FY 2010-2011 Annual Report

C.12 – PCB Controls

Permittee Name: San Mateo County Flood Control District

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?

	Yes	X	No
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If **No**, explain and provide schedule for obtaining authority within 1 year:
The jurisdiction of the SMCFCFD is limited to the flood control channels that were constructed and maintained by the District. We rely on the legal authority of the municipalities in the Districts' watersheds to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features to storm drains within the municipalities of the watersheds. SMCFCFD works collaboratively with these municipalities in the enforcement of the prohibitions.

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?

	Yes	X	No
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If **No**, explain and provide schedule for obtaining authority within 1 year:
The jurisdiction of the SMCFCFD is limited to the flood control channels that were constructed and maintained by the District. We rely on the legal authority of the municipalities in the Districts' watersheds to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals within the municipalities of the watersheds. SMCFCFD works collaboratively with these municipalities in the enforcement of the prohibitions.

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

N/A

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

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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.

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.

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

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

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

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

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

Summary:
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 website for specific outreach materials:

<http://www.recycleworks.org/compost/index.html>

<http://www.co.sanmateo.ca.us/portal/site/greenportal>

http://www.flowstobay.org/cs_yard_garden.php

http://www.flowstobay.org/cs_pest_control.php

http://www.flowstobay.org/cs_outreach.php

http://www.flowstobay.org/cs_request_materials.php

Permittee Name: San Mateo County Flood Control District

San Mateo County Flood Control District's maintenance activities typically do not involve landscape irrigation. However, the District is currently responsible for maintaining 3 habitat mitigation sites, which require periodic watering of new plants to ensure plant survival. All new plants are native and are watered by hand. The District routinely provides comments related to landscaping projects proposed by other agencies or private entities in areas adjacent to District facilities.

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.

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.

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.

<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.

<p>2070 RC SNL</p>	<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.
<p>2080 RC SPE</p>	<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</p> <p>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
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Special Waste Materials

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

Program Code	Program Type/Description
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
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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).

	<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>

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.

	<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.

	<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.

	<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.

	<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.

<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.

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.