



# COUNTY OF SAN MATEO

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## Department of Public Works and Parks

JAMES C. PORTER  
DIRECTOR

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September 17, 2012

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 2011-2012 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 and Parks  
RCE No. 48056

JCP:AMS:MC:JC:

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Encl.: San Mateo County Flood Control District Annual Report FY 2011-12

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 2011-2012 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				
<b>Permittee Name:</b>	San Mateo County Flood Control District			
<b>Population:</b>	Non-population based Permittee			
<b>NPDES Permit No.:</b>	CAS612008			
<b>Order Number:</b>	R2-2009-0074			
<b>Reporting Time Period (month/year):</b>	July 1, 2011 through June 30, 2012			
<b>Name of the Responsible Authority:</b>	James C. Porter	<b>Title:</b>	Director, Department of Public Works	
<b>Mailing Address:</b>	555 County Center, 5 <sup>th</sup> Floor			
<b>City:</b>	Redwood City	<b>Zip Code:</b>	94063	<b>County:</b> San Mateo
<b>Telephone Number:</b>	(650) 363-4100	<b>Fax Number:</b>	(650) 361-8220	
<b>E-mail Address:</b>	<a href="mailto:jporter@smcgov.org">jporter@smcgov.org</a>			
<b>Name of the Designated Stormwater Management Program Contact (if different from above):</b>	Julie Casagrande	<b>Title:</b>	Watershed Protection Specialist	
<b>Department:</b>	Public Works			
<b>Mailing Address:</b>	555 County Center, 5 <sup>th</sup> Floor			
<b>City:</b>	Redwood City	<b>Zip Code:</b>	94063	<b>County:</b> San Mateo
<b>Telephone Number:</b>	(650) 599-1457	<b>Fax Number:</b>	(650) 361-8220	
<b>E-mail Address:</b>	<a href="mailto:jcasagrande@smcgov.org">jcasagrande@smcgov.org</a>			

**Section 2 - Provision C.2 Reporting Municipal Operations**

**Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Summary:

During FY 11-12, San Mateo County Flood Control District (SMCFCD) and Department of Public Works (DPW) staff regularly attended and participated in NPDES Technical Advisory Committee and Municipal Maintenance Subcommittee's Trash Workgroup meetings. SMCFCD continued implementation of the Colma Creek Maintenance Monitoring Program including 21 work days involving litter and debris cleanups and weeding of non-native species at four primary locations in the lower reach of Colma Creek near confluence with the San Francisco Bay and 4 routine quarterly inspections. SMCFCD staff also conducted pump station monitoring (dry and wet weather) and routine inspections for the San Bruno Creek Flood Control Zone as required by the MRP. All SMCFCD maintenance activities (vegetation management, graffiti abatement, mitigation site maintenance) were completed in accordance with the MRP and the County of San Mateo Watershed Protection Maintenance Standards (2004).

Please see the C.2 Municipal Operations section of the Countywide Program's FY 11-12 Annual Report for a description of activities implemented at the countywide level.

**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:

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

Comments:

The SMCFCD repaired and repaved approximately 200 linear feet of roadway belonging to the City of S. San Francisco in conjunction with the Colma Creek Flood Control Channel Wall Repair Project, which involved the replacement of the failing vertical north and south channel walls at the Spruce Avenue bridge. A SWPPP was implemented by the contractor and a County construction inspector trained in stormwater inspections was on-site daily.

Permittee Name: San Mateo County Flood Control District

**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:

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

Comments:  
The SMCFCFD did not perform or contract for any sidewalk, plaza, or pavement washing.

**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:

<b>N/A</b>	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
<b>X</b>	Control of discharges from graffiti removal activities
<b>X</b>	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
<b>X</b>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
<b>X</b>	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
<b>N/A</b>	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 (CSS) of DPW conducted small scale graffiti abatement at one location on behalf of the SMCFCFD. The graffiti abatement involved painting over graffiti on the building walls at one pump station. CSS staff have completed the online BASMAA training program and have been certified as surface cleaners.

Permittee Name: San Mateo County Flood Control District

**C.2.d. ► Stormwater Pump Stations**

Does your municipality own stormwater pump stations:  **X** **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 stations<sup>1</sup> (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt.

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
Walnut Pump Station, 7th Avenue & Walnut Avenue, San Bruno	7/14/2011	7.6	10/26/2011	7.7
Angus Pump Station, 7th Avenue & Angus Avenue, San Bruno	7/14/2011	4.8	10/26/2011	4.0

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	3/19/12	0.1	no	no	yes (low)	yes (low)
Walnut Pump Station, 7th Avenue & Walnut Avenue, San Bruno	3/29/12	<0.1	no	no	yes (med)	yes (med)
Angus Pump Station, 7th Avenue & Angus Avenue, San Bruno	3/19/12	<0.1	no	no	yes (med)	yes (low to med)
Angus Pump Station, 7th Avenue & Angus Avenue, San Bruno	3/29/12	<0.1	no	no	yes (high)	yes (low to med)

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

C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural <sup>2</sup> roads:		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If your answer is <b>No</b> then skip to <b>C.2.f.</b>			
Place an <b>X</b> 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:			

<sup>2</sup> 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.

Permittee Name: San Mateo County Flood Control District

C.2.f. ► Corporation Yard BMP Implementation			
Place an <b>X</b> 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 <b>Stormwater Pollution Prevention Plan (SWPPP)</b> for the Corporation Yard(s)		
Place an <b>X</b> in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type <b>NA</b> 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 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). 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
N/A			

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

Section generally not applicable to San Mateo County Flood Control District

**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:  
 The C.3 New Development and Redevelopment section of the Countywide Program's FY 11-12 Annual Report includes a description of activities conducted at the countywide or regional level.

**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** – The SMCFCD does not have land use or regulatory authority over the types of projects (i.e., private) that may qualify as Regulated Projects. The only projects that may fall into this category are future flood control capital projects. No flood control capital projects meeting the Regulated Project criteria were approved or implemented during this reporting period.

**C.3.c.iii(3) ► Low Impact Development Reporting**

*(For FY 11-12 Annual Report only)* Report the method(s) of implementation of Provision C.3.c.i in the 2012 Annual Report. For specific tasks listed in Provision C.3.c.i. that are reported using the reporting tables required for Provision C.3.b.v, a reference to those tables is adequate.

We have modified local ordinances/policies/procedures to require all regulated capital projects for which construction is scheduled to begin on or after December 1, 2012 to implement LID source control, site design and stormwater treatment requirements. We are using the following Program and BASMAA products to ensure LID implementation:

- LID Infeasibility/Feasibility Worksheets
- Biotreatment Soil Specifications
- Green roof specifications

Permittee Name: San Mateo County Flood Control District

<b>C.3.e.v. ► Alternative or In-Lieu Compliance with Provision C.3.c.</b>			
<i>(For FY 11-12 Annual Report only)</i> Did your agency make any ordinance/legal authority and procedural changes to implement Provision C.3.e.?	<input type="checkbox"/>	Yes.	<input checked="" type="checkbox"/> No
If yes, attach a copy of the ordinance/legal authority changes or provide a link to the document(s). Discuss any procedural changes made.			
<i>(For FY 11-12 Annual Report and each Annual Report thereafter)</i> Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
Comments (optional):			

<b>C.3.e.vi ► Special Projects Reporting</b>		<b>N/A – The SMCFCDDoes not have land use or regulatory authority over the types of projects that may qualify as Special Projects.</b>	
1. Has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?	<input type="checkbox"/>	Yes	<input type="checkbox"/> No
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2012 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.	<input type="checkbox"/>	Yes	<input type="checkbox"/> No
If you answered "Yes" to either question, 1) Complete Table C.3.e.vi. below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.			

<b>C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting</b>		<b>N/A – There are currently no stormwater treatment measures or HM controls under the SMCFCDD's jurisdiction.</b>	
<b>(1)</b> Fill in attached table <b>C.3.h.iv.(1)</b> or attach your own table including the same information.			
<b>(2)</b> 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

<b>(3)</b> 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:			
<b>(4)</b> During the reporting year, did your agency:			
• Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation?	<input type="checkbox"/>	<b>Yes</b>	<input type="checkbox"/> <b>No</b>
• Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls?	<input type="checkbox"/>	<b>Yes</b>	<input type="checkbox"/> <b>No</b>
• Inspect at least 20 percent of the total number of installed vault-based systems?	<input type="checkbox"/>	<b>Yes</b>	<input type="checkbox"/> <b>No</b>
If you answered "No" to any of the questions above, please explain:			

**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 <sup>3</sup> , Street Address	Name of Developer	Project Phase No. <sup>4</sup>	Project Type & Description <sup>5</sup>	Project Watershed <sup>6</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>7</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>8</sup>	Total Pre- Project Impervious Surface Area <sup>9</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>10</sup> (ft <sup>2</sup> )
<b>Private Projects</b>											
<b>Public Projects</b>											
Comments:											

<sup>3</sup> Include cross streets

<sup>4</sup> 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".

<sup>5</sup> 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.

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

<sup>7</sup> All impervious surfaces added to any area of the site that was previously existing pervious surface.

<sup>8</sup> All impervious surfaces added to any area of the site that was previously existing impervious surface.

<sup>9</sup> For redevelopment projects, state the pre-project impervious surface area.

<sup>10</sup> 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 <sup>11</sup>	Application Final Approval Date <sup>11</sup>	Source Control Measures <sup>12</sup>	Site Design Measures <sup>13</sup>	Treatment Systems Approved <sup>14</sup>	Operation & Maintenance Responsibility Mechanism <sup>15</sup>	Hydraulic Sizing Criteria <sup>16</sup>	Alternative Compliance Measures <sup>17/18</sup>	Alternative Certification <sup>19</sup>	HM Controls <sup>20/21</sup>
<b>Private Projects</b>										
Comments:										

<sup>11</sup> For private projects, state project application deemed complete date and final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

<sup>12</sup> 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.

<sup>13</sup> 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.

<sup>14</sup> 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.).

<sup>15</sup> 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.

<sup>16</sup> 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).

<sup>17</sup> 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.

<sup>18</sup> 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.

<sup>19</sup> Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>20</sup> If HM control is not required, state why not.

<sup>21</sup> 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.	Approval Date <sup>22</sup>	Date Construction Scheduled to Begin	Source Control Measures <sup>23</sup>	Site Design Measures <sup>24</sup>	Treatment Systems Approved <sup>25</sup>	Operation & Maintenance Responsibility Mechanism <sup>26</sup>	Hydraulic Sizing Criteria <sup>27</sup>	Alternative Compliance Measures <sup>28/29</sup>	Alternative Certification <sup>30</sup>	HM Controls <sup>31/32</sup>
<b>Public Projects</b>										
Comments:										

<sup>22</sup> For public projects, enter the plans and specifications approval date.

<sup>23</sup> 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.

<sup>24</sup> 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.

<sup>25</sup> 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.).

<sup>26</sup> 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.

<sup>27</sup> 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).

<sup>28</sup> 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.

<sup>29</sup> 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.

<sup>30</sup> Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>31</sup> If HM control is not required, state why not.

<sup>32</sup> 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) <sup>33</sup>	Party Responsible <sup>34</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>35</sup>	Type of Treatment/HM Control(s) Inspected <sup>36</sup>	Inspection Findings or Results <sup>37</sup>	Enforcement Action Taken <sup>38</sup>	Comments/Follow-up

<sup>33</sup> Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

<sup>34</sup> State the responsible operator for installed stormwater treatment systems and HM controls.

<sup>35</sup> State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

<sup>36</sup> 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.

<sup>37</sup> State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

<sup>38</sup> State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

<b>C.3.e.vi.Special Projects Reporting Table</b>												
<b>Reporting Period – December 1, 2011 – June 30, 2012</b>												
<b>Project Name &amp; No.</b>	<b>Permittee</b>	<b>Address</b>	<b>Application Submittal Date<sup>39</sup></b>	<b>Status<sup>40</sup></b>	<b>Description<sup>41</sup></b>	<b>Site Total Acreage</b>	<b>Density DU/Acre</b>	<b>Density FAR</b>	<b>Special Project Category<sup>42</sup></b>	<b>LID Treatment Reduction Credit Available<sup>43</sup></b>	<b>List of LID Stormwater Treatment Systems<sup>44</sup></b>	<b>List of Non-LID Stormwater Treatment Systems<sup>45</sup></b>
N/A												

<sup>39</sup> Date that a planning application for the Special Project was submitted. If a planning application has not been submitted, include a projected application date.

<sup>40</sup> Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

<sup>41</sup> Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

<sup>42</sup> For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

<sup>43</sup> For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

<sup>44</sup> List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

<sup>45</sup> List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

Permittee Name: San Mateo County Flood Control District

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

<b>Program Highlights</b>			
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.			

<b>C.4.b.i. ► Business Inspection Plan</b>				
Do you have a Business Inspection Plan?	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>
If No, explain: No legal authority.				

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

<b>C.4.b.iii.(2) ► Facilities Scheduled for Inspection</b>			
List below or attach your list of facilities scheduled for inspection during the current fiscal year.			
N/A			

Permittee Name: San Mateo County Flood Control District

<b>C.4.c.iii.(1) ► Facility Inspections</b>		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.
		<b>Number</b>
		<b>Percent</b>
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:		

<b>C.4.c.iii.(2) ► Frequency and Types/Categories of Violations Observed</b>		N/A
Fill out the following table or attach a summary of the following information.		
<b>Type/Category of Violations Observed</b>		<b>Number of Violations</b>
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)		
Potential discharge and other		
Comments:		

Permittee Name: San Mateo County Flood Control District

**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.

	<b>Enforcement Action</b> (as listed in ERP) <sup>46</sup>	<b>Number of Enforcement Actions Taken</b>	<b>% of Enforcement Actions Taken<sup>47</sup></b>
Level 1			
Level 2			
Level 3			
Level 4			
<b>Total</b>			

**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.

<b>Business Category<sup>48</sup></b>	<b>Number of Actual Discharge Violations</b>	<b>Number of Potential/Other Discharge Violations</b>

**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:

--

<sup>46</sup> Agencies to list specific enforcement actions as defined in their ERPs.

<sup>47</sup> Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<sup>48</sup> List your Program's standard business categories.

Permittee Name: San Mateo County Flood Control District

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, SMCFCD and County staff continued to attend and participate in the SMCWPPP TAC and CII Subcommittee meetings where Illicit Discharge Detection and Elimination objectives were discussed regularly, and we continued to work collaboratively with the adjacent municipalities to address illicit discharges and other stormwater concerns. A message board was recently installed by SMCFCD staff at Colma Creek just upstream from the confluence with the San Francisco Bay near the pedestrian bridge. Postings include where to report illegal dumping and other problems, endangered species information (i.e., leash ordinance to protect nesting clapper rails), and cleanup and volunteer event information. Any calls and complaints that were received by the County (DPW, EH, and/or SMCFCD staff) pertaining to illicit discharges were forwarded to the appropriate adjacent municipality for response and tracking. Information related to illicit discharges observed during the Colma Creek routine quarterly inspections was also forwarded to the adjacent municipalities' enforcement staff for follow-up action and tracking.

For reported discharges within the SMCFCD's jurisdiction (i.e., flood control channel), County staff handles response, cleanup, and tracking. EH operates an Emergency Response Haz Mat Team that works with local fire departments to ensure that all spills are investigated, monitored, and cleaned up appropriately. One complaint regarding a direct illicit discharge into Colma Creek was received during this reporting period. Response included staff from County DPW, SMCFCD, County EH, South San Francisco (SSF) DPW, and South San Francisco Fire and is detailed below.

Please see the C.5 Illicit Discharge Detection and Elimination section of the Countywide Program's FY 11-12 Annual Report for a description of activities conducted at the countywide or regional level.

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

List below or attach your complaint and spill response phone number and spill contact list.

Contact	Description	Phone Number
San Mateo County Emergency Response Team	Activated through local fire departments through 911	911
Department of Public Works Roads - Steve Fischer	Road Manager to send out crews to respond to complaint during working hours	(650) 363-4103
Department of Public Works Emergency Response	Call On-Duty Road Supervisor to respond to complaint during after hours	(650) 363-4100
Environmental Health	For Spills involving Hazardous Material	(650) 372-6200
Environmental Health – Dermot Casey	Illicit Discharge Coordinator	(650) 372-6257

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San Mateo County Flood Control – Julie Casagrande	Illicit Discharge Coordinator	(650) 599-1457
Countywide Illicit Discharge Coordinators	<a href="http://www.flowstobay.org/bs_illicit_discharge.php">http://www.flowstobay.org/bs_illicit_discharge.php</a>	

**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**

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

Comments:  
This incident involved illegal dumping of a 55-gallon drum into the lower reach of Colma Creek near Utah Avenue.

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

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

SMCFCD staff were notified by SSF DPW of the illicit discharge into Colma Creek on 3/2/2012. Two drums were originally detected. SSF staff were able to promptly remove one of the two drums. The second drum floated downstream near the Colma Creek mouth. During low tide, the drum settled (upside down) along the shoreline and began leaking. Approximately 5 gallons of an oil and gasoline mixture leaked into Colma Creek. As mentioned above, response included staff from County DPW, SMCFCFD, County EH, South San Francisco DPW, and South San Francisco Fire. Absorbent booms were immediately deployed and were effective at absorbing the discharged material. The drum was retrieved and disposed of properly.

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**Section 6 – Provision C.6 Construction Site Controls**

With the exception of SMCFCFD flood control capital improvement projects involving construction, Section 6 is generally not applicable to the SMCFCFD. During FY 11-12, there was one SMCFCFD project in the Colma Creek Flood Control Zone. Construction site controls and inspections were implemented per the MRP requirements and are reported below.

<b>C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals</b>		
<b>Number of sites disturbing &lt; 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)</b>	<b>Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)</b>	<b>Total number of storm water runoff quality inspections conducted (C.6.e.iii.1.c)</b>
#	#	#
<b>1</b>	<b>0</b>	<b>2</b>
<p>Comments:                      The Colma Creek Flood Control Channel Wall Repair Project involved repair of the failing vertical north and south channel walls at the Spruce Avenue bridge in SSF, including removal of the temporary bracing pipes spanning the creek channel, and construction of a U-shaped wall and concrete bottom slab. The project began in August 2011 and continued through November 2011. Two wet season stormwater inspections were conducted (October and November). No violations were observed. A County construction inspector trained in stormwater inspections was on-site daily. A County biologist was also on-site during dewatering activities. Cofferdams were installed upstream and downstream of the work area. A silt curtain was deployed downstream of the lower cofferdam to prevent increased turbidity during cofferdam installation. Groundwater seepage into work area (in contact with not yet cured concrete) was pumped to the SSF sanitary sewer system for treatment.</p>		

<b>C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations</b>		
<b>BMP Category</b>	<b>Number of Violations<sup>49</sup></b>	<b>% of Total Violations<sup>50</sup></b>
Erosion Control	0	N/A
Run-on and Run-off Control	0	N/A
Sediment Control	0	N/A
Active Treatment Systems	0	N/A
Good Site Management	0	N/A
Non Stormwater Management	0	N/A
<b>Total</b>	<b>0</b>	<b>N/A</b>

<sup>49</sup> Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

<sup>50</sup> Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

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

	<b>Enforcement Action</b> (as listed in ERP) <sup>51</sup>	<b>Number Enforcement Actions Taken</b>	<b>% Enforcement Actions Taken<sup>52</sup></b>
Level 1 (Threatened Violation)	Written Notice, using <u>Construction Site Inspection Report Form</u> (triplicate form)	0	N/A
Level 2 (Minor Violation)	Written Notice, using <u>Construction Site Inspection Report Form</u> (triplicate form) and, in some instances, a Notice to Comply	0	N/A
Level 3 (Serious Violation)	<u>Construction Site Inspection Report Form</u> (triplicate form) AND one of the following: <i>For Building and DPW cases:</i> <u>Stop Work Notice (SWN)</u> <i>For all other cases:</i> <u>Notice of Serious Violation (NSV)</u> and <u>Administrative Fines</u>	0	N/A
Level 4 (Serious Violation where response to previous enforcement is inadequate)	Referral to Other Agencies (including Water Board), Legal Action, or Resolution at Owner's expense	0	N/A
<b>Total</b>		<b>0</b>	<b>N/A</b>

**C.6.e.iii.1.f, g ► Illicit Discharges**

	<b>Number</b>
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)	0
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)	0

<sup>51</sup> Agencies should list the specific enforcement actions as defined in their ERPs.

<sup>52</sup> Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

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<b>C.6.e.iii.1.h, i ► Violation Correction Times</b>		
	<b>Number</b>	<b>Percent</b>
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)	0	N/A
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	N/A
<b>Total number of violations for the reporting year<sup>53</sup></b>	0	N/A
<b>Comments:</b>		

<b>C.6.e.iii.(2) ► Evaluation of Inspection Data</b>
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: No violations were reported for the one project that took place during FY 11-12. Section C.6 was not applicable during the previous FY 10-11.

<b>C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness</b>
Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.
Description: As described above, C.6 is generally not applicable because the SMCFCFD does not have land use or regulatory authority over construction projects. The exception to this is flood control capital improvement projects involving construction, which are generally infrequent. The Colma Creek Flood Control Channel Wall Repair Project was completed during this reporting period and was the first SMCFCFD project implemented since MRP adoption. The project was assigned to a DPW construction inspector staff trained on conducting stormwater inspections. The project was completed in November 2011, and as such, two monthly inspections were conducted during the wet season. No stormwater violations were reported.

<sup>53</sup> 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.

<b>C.6.f ▶ Staff Training Summary</b>				
<b>Training Name</b>	<b>Training Dates</b>	<b>Topics Covered</b>	<b>No. of Inspectors in Attendance</b>	<b>Percent of Inspectors in Attendance</b>
Stormwater Workshop for Construction Site Inspectors (Belmont)	February 8, 2012	correct uses of specific BMPs, proper installation and maintenance of BMPs, MRP Provision C.6 requirements	DPW - 2	DPW – 29%
Throughout the past three years, 15 DPW/SMCFCD staff have been trained on conducting construction stormwater inspections.				

**Section 7 – Provision C.7. Public Information and Outreach**

**C.7.b.ii.1 ► Advertising Campaign**

Summarize advertising efforts. Include details such as messages, creative developed, and outreach media used. The detailed advertising report may be included as an attachment. If advertising is being done by participation in a countywide or regional program, refer to the separate countywide or regional Annual Report.

Summary:

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

- BASMAA Youth Litter Campaign Report

Other advertising efforts conducted by County departments included distribution of informational brochures and newsletters including a variety of stormwater pollution prevention topics, a movie ad targeted a litter reduction. More detailed information is provided below.

**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:

The following separate report developed by BASMAA summarizes the pre-campaign survey conducted in FY 11-12:

- BASMAA Youth Litter Campaign Report

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

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

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**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 11-12:

- BASMAA Media Relations Final Report FY 11-12

This report and any other media relations efforts conducted countywide are included within the C.7 Public Information and Outreach section of Program's FY 11-12 Annual Report.

During the Summer of 2012 the RecycleWorks program produced a movie ad to discourage illegal dumping in the County. The ad was shown in 4 movie theaters throughout the County approximately 8,000 times.

**C.7.d ► Stormwater Point of Contact**

Summary of any changes made during FY 11-12:

There has been no change in the SMCFCFD's contact info. The Countywide Program's point of contact has not changed either. A summary of efforts conducted by the Countywide Program to publicize stormwater points of contact is included within the C.7 Public Information and Outreach section of the Countywide Program's FY 11-12 Annual Report.

**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
<p>The following outreach events were done on a countywide level by SMCWPPP and are included in the C.7 Public Information and Outreach section of Countywide Program's FY 11-12 Annual Report:</p> <ul style="list-style-type: none"> <li>• Coordination of California Coastal Cleanup Day in San Mateo County, September 17, 2011</li> <li>• Coordination of the 2012 County Fair, June 9-17, 2012</li> </ul> <p>SMCFCFD staff assisted with these events by posting information on the DPW public posting locations, the Colma Creek message board, and DPW</p>		

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<p>Watershed Protection website under "Events". SMCFCFD staff hosted the County fair booth on 6/10/2012. SMCFCFD staff was a team captain at the Colma Creek Coastal Cleanup Day site.</p>		
<p>Colma Creek Volunteer Day, 10/1/2011</p>	<p>Volunteer day, outreach messages were litter reduction, pollution prevention, and creek/marsh restoration</p>	<p>35 volunteers. Removed 2.5 cubic yards of trash and illegally dumped construction material. Removed 20 cubic yards (3,000 sq ft) of ice plant. Planted 50 marsh gumplants.</p>
<p>South San Francisco Community Preservation Task Force Meeting, 4/1/2012, South San Francisco</p>	<p>Public presentation related to trash</p>	<p>25 minute presentation; 11 people in attendance; presentation focused on trash, pollution, County's litter cleanup efforts in the Colma Creek watershed, upcoming volunteer efforts, and the County's trash load reduction plan; presentation was well-received.</p>
<p>National River Cleanup Day – Colma Creek, SSF/Unincorporated County, 5/19/2012</p>	<p>Creek cleanup event, outreach messages included litter reduction and pollution prevention</p>	<p>SMCFCFD and EH staff tabled the event and handed out brochures, tote bags, and signed people up for the Be the Street campaign. 25 volunteers.</p>
<p><u>Additional Public Outreach Events:</u>                  In addition to the public outreaches events listed above, the County DPW RecycleWorks Program also conducted stormwater-related outreach. A list of RecycleWorks outreach efforts is provided below. For additional information please refer to "Unincorporated and Countywide RecycleWorks Programs and Outreach for 2011" included as Attachment C.7 to this report.</p> <ul style="list-style-type: none"> <li>➤ The Schools Program reached out to over 4,500 students in the County by giving 40 presentations at various school sites on the 4R's, 69 presentations on composting, and 10 classroom field trips in addition to staffing outreach tables at two school events to educate students about the 4R's (1,762 students were given a 4R' presentations, 1,612 students compost presentations, 324 students a classroom field trip to the Transfer Station, 850 students visited outreach tables staffed by RecycleWorks at various school events as listed below). The RecycleWorks website has a section dedicated to protecting San Mateo County habitats and watersheds</li> <li>➤ Presentations were given to:                         <ul style="list-style-type: none"> <li>○ Sustainable San Mateo County Energy Efficiency Roundtable</li> <li>○ Haven House</li> <li>○ Daly City Green Building ordinance meeting</li> <li>○ Rotary Earth Day Presentation</li> <li>○ WL Butler Construction</li> <li>○ San Mateo County employees</li> </ul> </li> <li>➤ Workshops given or staffed (Other):                         <ul style="list-style-type: none"> <li>○ Universal waste handling workshop for county facilities staff</li> <li>○ Trained 30 new Master Composter's volunteers on backyard and worm composting</li> </ul> </li> </ul>		

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- Coordinated eight (8) Sustainable Garden Lectures - two on gardening, three on composting; two on drought tolerant landscaping and one on lawn alternatives. Fairs (Other)
  - Burlingame Green Street Fair.
  - Foster City Earth Day Fair
  - Maker Faire, San Mateo Fair Grounds.
  - 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)
  - Menlo Park Block Party.
  - Council of Math /Science Educators of San Mateo County (CMSESMC) Annual Math/Science Resource Fair, San Mateo County Office of Education.
  - Amgen Earth Day Fair
- Events
  - Coastal Clean-Up Day, Pacifica.
  - Peninsula Home and Patio Show
  - Picnic for the Planet Earth Day Event Visa Earth Day Event
  - Earth Day Event at Wilson Sonsini Goodrich & Rosati Law Firm
  - Silver Springs Network Earth Day
  - Streets Alive, South San Francisco & Redwood City
  - Master Gardeners Tomato & Pepper Plant Sale
  - Filoli Garden Show
  - Schools Compost Program "Make Time for Fitness"
  - Sustainable Garden Lecture Series (SGLS) -Worm Extravaganza
  - Hillsborough-San Mateo Garden Show
  - Home and Garden Design Show
  - United Airlines Family Day
  - San Mateo County New Employee Welcome events four (4).
  - San Mateo County (555 County Center) Farmer's Markets two (2).
  - Peninsula Home & Garden Show (San Mateo County Expo Center)
  - Pacifica, Earth Day Event

**C.7.f. ► Watershed Stewardship Collaborative Efforts**

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

A summary of efforts conducted by the Countywide Program to work with watershed stewardship groups is included within the C.7 Public Information and Outreach section of the Countywide Program's FY 11-12 Annual Report. County staff worked with the Countywide Program to support the activities of the Watershed Stewardship Collaborative and the smaller local collaborative that exist within the unincorporated areas of the County.

SMCFCD staff continued participation in the Bay Area Integrated Regional Management Program (IRWMP) by serving as a Bay Area Flood Protection Agency Association (BAFPAA) participating agency. IRWMP and BAFPAA agencies worked collaboratively on regional flood protection, stormwater management, and watershed issues, identified several regional projects, and conducted outreach to smaller cities and watershed groups for sub-regional projects.

In FY 10-11, SMCFCD staff began participating in the South San Francisco Community Preservation Task Force by providing annual presentations of SMCFD Colma Creek activities and sharing ideas and opportunities for outreach, trash cleanups, and abatement of illegal dumping. SMCFCD continued collaboration efforts in FY 11-12.

SMCFCD is also involved with watershed collaborative efforts in the San Francisquito Creek watershed and Flood Control Zone. SMCFCD is a member of the San Francisquito Creek Joint Powers Authority (JPA) along with the Santa Clara Valley Water District and the Cities of East Palo Alto, Menlo Park, and Palo Alto. The JPA was created to collaboratively address flooding and watershed protection. SMCFCD staff attended monthly JPA meetings and provided input on watershed and flooding issues. SMCFCD staff also participated in the annual creek walk with other JPA member agency staff to identify areas of trash and debris accumulation.

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<b>C.7.g. ► Citizen Involvement Events</b>		
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
<p>The following citizen involvement events were done on a countywide level by SMCWPPP and are included in the C.7 Public Information and Outreach section of Countywide Program's FY 11-12 Annual Report:</p> <ul style="list-style-type: none"> <li>• Coordination of California Coastal Cleanup Day in San Mateo County, September 17, 2011.</li> <li>• Administration of a Community Action Grant Program</li> </ul> <p>SMCFCD staff are on the PIP committee and assisted with planning of community involvement events.</p>		
Coastal Cleanup Day – Colma Creek, 9/17/2011	Community cleanup event	SMCFCD staff was a team captain for the Colma Creek site. Please see the C.7 Public Information and Outreach section of Countywide Program's FY 11-12 Annual Report for additional information on effectiveness.
Colma Creek Volunteer Day, 10/1/2011	Volunteer day, outreach messages were litter reduction, pollution prevention, and creek/marsh restoration	35 volunteers. Removed 2.5 cubic yards of trash and illegally dumped construction material. Removed 20 cubic yards (3,000 sq ft) of ice plant. Planted 50 marsh gumplants.
National River Cleanup Day – Colma Creek, SSF/unincorporated San Mateo County, 5/19/2012	Creek cleanup event, outreach messages were litter reduction and pollution prevention	SMCFCD and EH staff tabled the event and handed out brochures, tote bags, and signed people up for the Be the Street campaign. 25 volunteers.

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**C.7.h. ► School-Age Children Outreach**

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

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
<p>SMCWPPP conducted two school-aged children outreach programs countywide - Banana Slug String Band School Assembly Performances and Rock Steady High School Presentations. A summary of efforts conducted by the Countywide Program for school-aged children outreach is included within the C.7 Public Information and Outreach section of the Countywide Program's FY 11-12 Annual Report.</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 2011" included as Attachment C.7 to this report.</p> <ul style="list-style-type: none"> <li>➤ Presentations, Workshops, and Events                             <ul style="list-style-type: none"> <li>○ Presentations were given at public and private schools in Belmont, Redwood City, Atherton, Menlo Park, Hillsborough, East Palo Alto, Half Moon Bay, Foster City, San Mateo, and Unincorporated San Mateo County.</li> <li>○ Provided two teacher-training worm compost workshops that were held at the San Mateo County Office of Education. 22 teachers attended.</li> <li>○ Provided one (1) teacher-training workshop on the 4R's (Reduce your waste, Reuse, Recycle, and Rot (Compost)) to prepare teachers for classroom fieldtrips. Ten (10) teachers attended from Daly City, Redwood City, Menlo Park, South San Francisco, Belmont, Pacifica, Foster City, San Bruno, and San Mateo</li> <li>○ One (1) presentation on the new Regional Green Star Schools Program (GSS) was given to 35 participants at the Bay Area Schools Environmental Conference.</li> <li>○ 21 presentations on the 4R's were provided to public and private schools in the following locations: East Palo Alto, Belmont, Burlingame, Daly City, San Mateo, Redwood City, Half Moon Bay, and Unincorporated San Mateo County.</li> </ul> </li> <li>➤ Outreach                             <ul style="list-style-type: none"> <li>○ Published the annual school newsletter, "Resource Conservation News," distributed to 7,000 FTE (Full Time Equivalent) teachers and school administrators in San Mateo County. This newsletter contains many activities and programs in San Mateo County to protect our natural resources and prevent pollution.</li> <li>○ Tabled at the San Mateo County Math and Science Teachers Conference, and provided teachers the San Mateo County Habitat Game which allows students to connect to their natural environment in San Mateo County.</li> <li>○ Tabled at the Highlands School Earth Day Event and Burlingame High School Community Volunteer Event.</li> <li>○ Conducted ten class field trips to the Transfer Station and Material Recovery Facility: Classes were from schools in Daly City, Redwood City, Menlo Park, South San Francisco, Belmont, Pacifica, Foster City, San Bruno, and San Mateo.</li> </ul> </li> </ul>			

**Section 8 - Provision C.8 Water Quality Monitoring**

**C.8 ► Water Quality Monitoring**

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

Summary

During FY 11-12, the County and SMCFCFCD contributed through the Countywide Program to the BASMAA Regional Monitoring Coalition (RMC). In addition, the County and SMCFCFCD 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 11-12 Annual Report.

**Section 9 – Provision C.9 Pesticides Toxicity Controls**

**C.9.b ► Implement IPM Policy or Ordinance**

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

The County Board of Supervisors adopted the County of San Mateo IPM as a policy document on June 8, 2010 and has since been implementing the policy accordingly. Following comments by Regional Board staff, County staff from multiple departments worked closely with local agencies through the SMCWPPP Parks Maintenance and IPM Work Group to review and refine standardized IPM language. The revised IPM policy document was adopted by the County Board of Supervisors on July 24, 2012 (Resolution and IPM policy are included as Attachment C.9).

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 Used<sup>54</sup>**

Pesticide Category and Specific Pesticide Used	Amount <sup>55</sup>				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
<b>Organophosphates</b>	0	0	0		
Product or Pesticide Type A					
Product or Pesticide Type B					
<b>Pyrethroids</b>	0	0	0		
Product or Pesticide Type X					
Product or Pesticide Type Y					
<b>Carbaryl</b>	0	0	0		
<b>Fipronil</b>	0	0	0		

<sup>54</sup> Includes all municipal structural and landscape pesticide usage by employees and contractors.

<sup>55</sup> Weight or volume of the product or preferably its active ingredient, using same units for the product each year.

Permittee Name: San Mateo County Flood Control District

<b>C.9.c ▶ Train Municipal Employees</b>	
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
Although SMCFCFD does not apply pesticides or herbicides, SMCFCFD staff are aware of the County IPM Policy and SOP.	

<b>C.9.d ▶ Require Contractors to Implement IPM</b>				
Did your municipality contract with any pesticide service provider in the reporting year?	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>
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 <b>Not attached</b> , explain:				

<b>C.9.e ▶ Track and Participate in Relevant Regulatory Processes</b>
Summarize participation efforts, information submitted, and how regulatory actions were affected <b>OR</b> reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.
<p>Summary:</p> <p>During FY 11-12, 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.</p>

Permittee Name: San Mateo County Flood Control District

<b>C.9.f ▶ Interface with County Agricultural Commissioners</b>			
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"/>	<b>Yes</b>	<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.			

<b>C.9.h.ii ▶ Public Outreach: Point of Purchase</b>	
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); <b>OR</b> reference a report of a regional effort for public outreach in which your agency participates.	
<p>Summary:</p> <p>The following reports developed by SMCWPPP and BASMAA summarize point of purchase outreach efforts. These reports are included within the C.9 Pesticides Toxicity Control section of the Program's FY 11-12 Annual Report.</p> <ul style="list-style-type: none"> <li>• FY 11-12 IPM Store Partnership Program (SMCWPPP)</li> <li>• FY 11-12 "Our Water, Our World" Report (BASMAA)</li> </ul>	

<b>C.9.h.vi ▶ Public Outreach: Pest Control Operators</b>	
Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); <b>OR</b> reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.	
<p>Summary:</p> <p>See the C.9 Pesticides Toxicity Control section of the SMCWPPP Program's FY 11-12 Annual Report for a summary of our participation and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.</p>	

<b>Response to Water Board Staff Comments on Section 9, Provision C.9, of FY 10-11 Annual Report</b>	
Use this area to respond to any Water Board staff comments on Section 9 of your FY 10-11 Annual Report, and refer to any required submittals that are attached.	
The revised IPM policy was adopted by the County Board of Supervisors on July 24, 2012 and is included in Attachment C.9.	

**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. 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.

Please see the C.10 Trash Load Reduction section of Program's FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

**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 SMCFCFD proactively participated in a variety of countywide and regional trash reduction activities including providing input and feedback on the Baseline Trash Load study and Trash Load Reduction Tracking methodology, which were submitted to the Water Board on February 1, 2012.

Please see the C.10 Trash Load Reduction section of Program's FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

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

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

Description:

SMCFCFD is required to install one trash boom or two outfall capture devices by July 1, 2014. During FY 11-12, SMCFCFD staff continued investigating potential site locations, device feasibility, and cost.

Permittee Name: San Mateo County Flood Control District

During Summer 2010 and Spring 2011, DPW installed thirty-one (31) West Coast Storm full trash capture devices throughout unincorporated San Mateo County with funding provided through the Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership. Eighteen (18) of the thirty-one (31) were installed within the Colma Creek Watershed.

Please see the C.10 Trash Load Reduction section of Program's FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

**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)	9/17/2011	1.2 cubic yards	Construction debris, bottles, convenience/fast food items, Styrofoam, and cigarette butts	Trash accumulation from upstream sources, littering, illegal dumping, and homeless encampments
San Bruno Creek (SBR01)	9/15/2011	1.2 cubic yards	Bottles, sport balls, spray paint cans, Styrofoam, plastic bags	Trash accumulation from upstream sources, littering, homeless encampments, and storm drain outfalls

**C.10.d ► Summary of Trash Reduction Actions and Loads Reduced**

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

Per the MRP, non-population based permittees are not subject to this trash reduction requirement/provision; however, the SMCFCFD proactively participated in a variety of countywide and regional trash reduction actions. Highlights of trash reduction activities relevant to SMCFCFD Flood Control Zones are summarized below. Please see the County Annual Report for additional information.

Permittee Name: San Mateo County Flood Control District

- Continued implementation of Colma Creek Maintenance Monitoring Program including 21 cleanups at four primary locations along Colma Creek (approximately 65 cubic yards of trash and debris were removed).
- Continued efforts to increase litter enforcement and abatement efforts in Colma Creek in collaboration with the City of South San Francisco through the Colma Creek Maintenance and Monitoring Program. On 4/24/2012, SMCFCFCD installed a message board at Colma Creek just upstream from the confluence with the San Francisco Bay near the pedestrian bridge. Postings include where to report illegal dumping and other problems, trash cleanup events and results, endangered species info, leash ordinance info to protect nesting clapper rails, and volunteer event information.
- Hosted and conducted outreach for Coastal Cleanup Day (Colma Creek hot spot) and National Rivers Cleanup Day volunteer cleanup events at Colma Creek (approximately 4.2 cubic yards of trash and debris removed)
- Conducted trash hot spot cleanups at San Bruno Creek sites (approximately 1.2 cubic yards of trash and debris removed)
- Organized Colma Creek volunteer day (approximately 2.5 cubic yards of trash and debris removed)
- Conducted San Francisquito annual creek walk with JPA, identified priority locations for Coastal Cleanup Day, and assisted with coordination
- Continued planning process for ordinance prohibiting all retail establishments from distributing single-use carryout plastic bags within unincorporated San Mateo County (public workshop, outreach to cities, completed DEIR, drafted ordinance. This ordinance will cover unincorporated areas within the watersheds draining into the four SMCFCFCD Flood Control Zones.
- Continued partnership and planning with Clean Water Action (CWA) and other Bay Area municipalities for the second phase of the Taking Out the Trash Project (TOTT). In 2011, the project conducted a study of litter on Bay Area streets, which mostly ends up in storm drains or being blown directly into creeks and the Bay. The survey found that, not including cigarette butts, "take-out" food and beverage packaging is the major input of trash to San Francisco Bay (67%). The study identified fast food venues, restaurants, cafes, and grocery and convenience stores as the major sources (81%) of that trash. Study results are posted on the CWA website, and the project was covered by multiple local newspapers. CWA recently applied for an EPA grant and in June 2012 was recommend for funding for Phase 2 of the TOTT project. Phase 2 will identify opportunities to reduce trash from the major take-out food establishments including fast food restaurants, take out restaurants, cafes, and convenience stores. The goal of the TOTT project is to reduce the most significant source of trash that enters the Bay- food and beverage packaging- at the source by promoting business practices and consumer behaviors that reduce amount of take-out packaging and single use products consumed and available to become trash. Phase 2 will be a two year partnership between CWA, the County, and the cities of South San Francisco, Oakland, San Jose, and San Francisco. The first part of TOTT Phase 2 will involve development of source reduction BMPs and checklist for 4 different types of take-out food businesses (fast food, cafes, restaurants, and convenience stores); 12 business within these categories will be audited; cost-benefit analysis and a list of recommendations will be developed for each business and results detailed in a case studies for each business category. The second part of TOTT will involve outreach and education throughout the Bay Area based on products produced and information gained during part one (tool kits, business displays, t-shirts, social media, website). SMCFCFCD will provide in-kind staff support for business identification & planning and leveraging via existing County programs.

**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).

County EH operates Household Hazardous Waste (HHW) and Very Small Quantity Generator (VSQG) programs which assisted in the collection of 280 pounds of mercury from residents and small businesses throughout the County. The 280 pounds included 20,784 linear feet of fluorescent lamps, 1,051 each of compact fluorescent lamps, as well as thermostats and other mercury containing devices. County programs assisted approximately 15,000 households and 300 businesses throughout the County in disposing of their unwanted HHW. Please refer to the Countywide Program's Annual Report for more detailed information.

Please see the EH and RecycleWorks websites for additional info on outreach efforts: <http://events.smhealth.org/events/> and <http://www.recycleworks.org/toxics/index.html> The EH and RecycleWorks programs promote HHW drop-off events and provide information on local businesses that provide residents and small businesses the opportunity to drop-off mercury-containing devices and equipment (e.g., bulbs, thermostats, thermometers and/or switches) at designated locations on specific dates, times and/or business hours. EH and RecycleWorks together promote pick up/drop off services through Recology San Mateo and Curbside Inc 1-800-hhwkup. Outreach also includes information on recycling services provided by other organizations and private corporations and contractors including: StopWaste.org, Home Depot, Lowe's, IKEA, Orchard Supply Hardware, and ReThink Waste. The County utilizes the Thermostat Recycling Corporation, an organization developed on behalf of the thermostat manufacturers, that recycles mercury-containing thermostats and switches generated by residents and small businesses. The HVAC industry is the largest generator of these waste streams and is the targeted audience to inform of this recycling option.

**C.11.a.ii ► Mercury Collection**

Provide an estimate of the mass of mercury collected through these efforts, or provide a reference to a report containing this estimate.

As described above, County EH operates Household Hazardous Waste (HHW) and a Very Small Quantity Generator (VSQG) programs which assisted in the collection of 280 pounds of mercury from residents and small businesses throughout the County. The 280 pounds included 20,784 linear feet of fluorescent lamps, 1,051 each of compact fluorescent lamps, as well as thermostats and other mercury containing devices. County programs assisted approximately 15,000 households and 300 businesses throughout the County in disposing of their unwanted HHW.

Please refer to the FY 11-12 Countywide Program Annual Report for additional information regarding mercury collection efforts in the Countywide Program area.

- 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 11-12 Annual Report and/or the BASMAA Regional POC Report.

Permittee Name: San Mateo County Flood Control District

**Section 12 - Provision C.12 PCBs Controls**

**C.12.a.ii,iii ▶ Ongoing Training**

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

Description:

The jurisdiction of the SMCFCFD 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.

**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 11-12 Annual Report and/or the BASMAA Regional POC Report.

Permittee Name: San Mateo County Flood Control District

**Section 13 - Provision C.13 Copper Controls**

**C.13.a. iii.(1) ► Legal Authority: Architectural Copper**

<i>(For FY 10-11 Annual Report only)</i> Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?		<b>Yes</b>	<b>X</b>	<b>No</b>
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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.a.iii.(2) ► Training, Permitting and Enforcement Activities**

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

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

Although the SMCFCFD does not have legal authority to require BMPs for management of waste generated from copper architectural features or related enforcement, County participated in Countywide Program efforts (e.g., municipal staff training, development of BMP fact sheet), provided information developed by the Countywide Program on the County's NPDES webpage and at the public counter to educate homeowners and developers regarding proper treatment and cleaning of architectural copper, and provided training to building inspectors regarding applicable BMPs.

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

<i>(For FY10-11 Annual Report only)</i> Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?		<b>Yes</b>	<b>X</b>	<b>No</b>
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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 11-12 Annual Report and/or the BASMAA Regional POC Report.

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

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

Summary

The jurisdiction of the SMCFCFD 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.

**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 11-12 Annual Report and/or BASMAA Regional POC Report.

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

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

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

Summary

A summary of the Countywide Program and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 11-12 Annual Report and/or BASMAA Regional POC Report.

Permittee Name: San Mateo County Flood Control District

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

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

Is your agency a water purveyor?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If <b>No</b> , skip to C.15.b.vi.(2):				
If <b>Yes</b> , 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:  
 SMCFCFD's maintenance activities typically do not involve landscape irrigation. However, the District is currently responsible for maintaining 4 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.

SMCWPPP offers several educational guidelines regarding landscape design for commercial and residential landscaping and gardening. Two specific outreach guide books are the San Mateo County Sustainable Green Streets and Parking Lot Design Guidebook and the Bay-Friendly Gardening Guide Book. These Guide books, along with other irrigation, landscape, and gardening outreach materials can be found at [http://www.flowstobay.org/cs\\_request\\_materials.php](http://www.flowstobay.org/cs_request_materials.php). Please see sections C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of Program's FY 11-12 Annual Report for additional information. The County Building Department makes the above Guidebooks and other materials produced by the Countywide Program available to the public at the front counter of the permit desk. This material was designed to minimize runoff and pollutant loading from excess irrigation within our jurisdiction. These materials were also distributed at the outreach events summarized in C.7 above.

**Permittee Name: San Mateo County Flood Control District**

In addition, multiple outreach efforts were made by DPW Recycle Works program, County Green Portal, and through participation in the Countywide Program's public outreach efforts. Please see the following websites for specific outreach materials:

[www.recycleworks.org/compost/index.html](http://www.recycleworks.org/compost/index.html)

[www.co.sanmateo.ca.us/portal/site/greenportal](http://www.co.sanmateo.ca.us/portal/site/greenportal)

[www.flowstobay.org/cs\\_yard\\_garden.php](http://www.flowstobay.org/cs_yard_garden.php)

[www.flowstobay.org/cs\\_pest\\_control.php](http://www.flowstobay.org/cs_pest_control.php)

[www.flowstobay.org/cs\\_outreach.php](http://www.flowstobay.org/cs_outreach.php)

[www.flowstobay.org/cs\\_request\\_materials.php](http://www.flowstobay.org/cs_request_materials.php)

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System				N/A						
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity <sup>56</sup> (NTU)	Implemented BMPs & Corrective Actions

<sup>56</sup> Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System <sup>57</sup>						N/A								
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) <sup>58</sup>	pH (standard units) <sup>64</sup>	Discharge Turbidity (Visual) <sup>64</sup>	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time <sup>59</sup>	Inspector arrival time	Responding crew arrival time

<sup>57</sup> This table contains all of the unplanned discharges that occurred in this FY.

<sup>58</sup> Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.

<sup>59</sup>. Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

## Unincorporated and Countywide RecycleWorks Programs and Outreach for 2011

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>)

<b>Source Reduction</b>	
<p><i>Key Source Reduction Accomplishments:</i></p> <ul style="list-style-type: none"> <li>• Master Composters conducted 52 composting workshops on backyard composting throughout the County of San Mateo.</li> <li>• Conducted six (6) walk-through waste assessments at schools in Hillsborough, East Palo Alto, Redwood City, and , and Unincorporated San Mateo County.</li> <li>• Audited 24,000 garbage and recycling service accounts for the South Bayside Waste Management Authority's (SBWMA) Unincorporated North Fair Oaks (County Service Area 8) and County Franchise Area (CFA) service areas.</li> </ul>	
<b>Program Code</b>	<b>Program Type/Description</b>
1000-SR-XGC	<p><b>Xeriscaping, Grasscycling</b></p> <ul style="list-style-type: none"> <li>* Distributed a "Grasscycling" guide at all garden related events</li> <li>* Where feasible the County Parks Department continues to practice grass cycling in the County parks.</li> </ul>
1010-SR-BCM	<p><b>Backyard &amp; On-Site Composting/Mulching</b> (Businesses, Schools, and Residents)</p> <ul style="list-style-type: none"> <li>* Master Composters conducted 52 composting workshops on backyard composting throughout the County of San Mateo, reaching 283 residents</li> <li>* Master Composters tabled at six (6) Farmer's Markets reaching 457 residents – (See Section Public Education, Outreach, 5020 ED-OUT for additional technical assistance.)</li> <li>* The Sustainable Garden brochure encourages using mulch and compost in the garden.</li> <li>* Master Composters tabled or set up 17 special exhibits at events, i.e., County Fair, Home &amp; Garden Shows, Earth Day Events and business events reaching over 6,500 people.</li> <li>* Refer to School Composting, 3050-CM-SCH, for additional information.</li> </ul>

1020-SR-BWR	<p><b>Business Source Reduction</b> (Business, Commercial/Industrial Source Reduction, Waste Prevention, and Salvage)</p> <ul style="list-style-type: none"> <li>* Green Business program provided certification on source reduction and other environmental information to 24 businesses in San Mateo County.</li> <li>* The County continues to participate in the BayROC “Bring your Own Bag” Campaign to encourage using reusable bags and decrease the use of plastic bag waste at stores within the County.</li> <li>* See Section Public Education, Outreach, 5020 ED-Out for additional technical assistance.</li> </ul>
1030 SR PMT	<p><b>Procurement</b> No new programs</p>
1040-SR-SCH	<p><b>School Source Reduction</b> (School Waste Prevention)</p> <p>School Waste Prevention</p> <ul style="list-style-type: none"> <li>* Provided assistance and conducted six (6) walk-through waste assessments at schools in, Hillsborough, East Palo Alto, Redwood City, and Unincorporated San Mateo County.</li> <li>* Developed two school-wide waste assessment reports for Hoover Middle School, Redwood City; and Institute for Human and Social Development (IHSD) Head Start Program , which includes three (3) school sites in East Palo Alto and two (2) school sites in Unincorporated San Mateo County, North Fair Oaks.</li> <li>* Refer to Public Education, Schools, 5030-ED-SCH, and to Public Education, Outreach, 5020-ED-OUT for additional information.</li> </ul>
1050-SR-GOV	<p><b>Government Source Reduction</b> (Government Waste Reduction In-House)</p> <ul style="list-style-type: none"> <li>* 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.</li> <li>* Collected holiday and other greeting cards, CDs, from County employees for reuse by RAFT.</li> <li>* Collect and promote the reuse of pallets.</li> <li>* Recycled 2,348 lbs. of batteries and 26 lbs. of electronic scrap from the County Center.</li> <li>* The Green STARS Awards program offered four (4) awards to County employees who had green program ideas that were winning suggestions.</li> <li>* Specified the use of more recycled materials when engaging in County construction projects.</li> </ul>
1060-SR-MTE	<p><b>Material Exchange, Thrift Shops</b> (Garage Sales, Flea Markets, CalMAX (California Materials Exchange), Food Exchanges)</p> <ul style="list-style-type: none"> <li>* RecycleWorks provides listings of City-sponsored Garage Sales and Flea Markets on the website.</li> <li>* Promote RAFT (Resource Area for Teaching) via website and the hotline. RAFT diverted 116,715 cubic feet of materials from both the San Jose and San Mateo County residents and businesses.</li> </ul>

1070-SR-OTH	<p><b>Other Source Reduction</b></p> <ul style="list-style-type: none"> <li>* 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.</li> <li>* The RecycleWorks website contains a section devoted to reuse and hotline callers receive information for source reduction opportunities within the County.</li> <li>* Audited 24,000 Recology Garbage, Recycling, and Composting Service Accounts for the SBWMA's Unincorporated CSA-8 and CFA service areas.</li> </ul>
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## Recycling

### Key Recycling Accomplishments:

- \* On January 1, 2011, the County franchised one additional Unincorporated areas "County Franchise Area" (11 pockets) 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. This service includes weekly collection of all recyclables (including organics) and an expanded list of acceptable recyclable materials.

Program Code	Program Type/Description
2000RC-CRB through -2020-RC-BYB	<p><b>Residential Recycling</b> (Residential Curbside, Drop Off, Buy Back)</p> <ul style="list-style-type: none"> <li>* RecycleWorks assisted two apartment and condominium owners and managers in North Fair Oaks and Sequoia Tract to improve recycling at their apartment and condominium complexes (conducted waste assessments, gave recycling-buddy bags, and posted signage).</li> <li>* 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.</li> <li>* Expanded additional recycling opportunities for residents and businesses at the Pescadero Transfer Station.</li> <li>* The franchised haulers in the County continue to offer source separated recycling to single family and multifamily residents.</li> <li>* On January 1, 2011 the County added 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.</li> <li>* Drop off boxes from haulers are available Countywide for recycling.</li> <li>* CRV buyback centers: three (3) are located near one of the Unincorporated areas of the County (Redwood City), one is located near one of the other unincorporated areas (Colma), and a central county location (Shoreway Environmental Center) serves one of the other incorporated areas (Harbor Industrial</li> <li>* Additional buy-back centers are available throughout San Mateo County for all residents and these locations are promoted through the RecycleWorks website and hotline.</li> </ul>

2030-RC-OSP and 2040-RC-SFH	<p><b>Commercial Recycling</b> (On-Site Pick-Up, Self Haul)</p> <ul style="list-style-type: none"> <li>* 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. Allied Waste 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.</li> <li>* 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.</li> </ul>
2050-RC-SCH and 2050-RC-GOV	<p><b>School/Government Recycling</b> (Recycling Programs Bins, Signage, Promotion)</p> <ul style="list-style-type: none"> <li>* Distributed 13 Bottle and Can Carts, 64 Mixed Paper Bins, and one 1 Mixed Recycling Cart with signage to seven (7) private and public schools in, East Palo Alto, Redwood City, and Unincorporated San Mateo County.</li> <li>* Implemented organics collection (commercial composting) service at five (5) Head Start Program Schools in East Palo Alto and Unincorporated San Mateo County and distributed signage for Organic collection bins at those sites. Refer to School Source Reduction, 1040-SR-SCH, for additional information.</li> <li>* Distributed 19 Bottle &amp; Can and Mixed Paper Bins and labels for County Facilities.</li> <li>* Refer to Special Waste Materials, 4090-SP-RND, for additional information</li> <li>* San Mateo County Green Team meetings and workgroups.</li> <li>* Collected cell phones, CDs and CD cases, and transparency sheets, hardback books from County offices and some school sites for recycling.</li> <li>* Added four (4) 96-gal recycling carts to Human Services Agencies. Increased composting at Mc Guire Jail.</li> </ul>
2070 RC SNL	<p><b>Special Collection</b> Seasonal (Christmas Trees, Bulky item collection) and Special Collection</p> <ul style="list-style-type: none"> <li>* Listed Christmas Tree Recycling info on our website.</li> <li>* The franchised haulers collected trees curbside through January.</li> <li>* Offered hotline callers information on recycling Christmas light strands when exchanging them for LED ones.</li> <li>* Placed information on Christmas light strand recycling on our website</li> <li>* Provided information pertaining to hauler bulky clean-up collections via hotline and website.</li> <li>* Assisted hotline callers with questions about SBWMA E-Waste/Paper Shredding Collection Events.</li> </ul>

2080 RC SPE	<p data-bbox="407 100 1104 174"><b>Special Collection Events</b> (Recycling at Special Events community celebrations)</p> <ul data-bbox="451 205 1372 541" style="list-style-type: none"><li data-bbox="451 205 1372 388">★ 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 4<sup>th</sup> of July Carnival at County Government Center, Helifest (San Carlos Airport), Palomar Neighborhood Picnic, Highlands 4<sup>th</sup> of July Festival, Pacific Coast Dream Machines (Half Moon Bay Airport).</li><li data-bbox="451 422 1372 541">★ The largest venue in Unincorporated San Mateo County, is the San Francisco International Airport, they recycled 75% of their waste in 2011. They continue to recycle bottles, cans, paper and food waste and construction and demolition waste.</li></ul>
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## Composting

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

### *Key Composting Accomplishments:*

- 52 composting workshops conducted throughout the county, reaching over 283 residents.
- The Master Composter course certified 30 new (JR) Master Composters.
- 17 special tabled events and exhibits reaching over 6500 residents.
- Nine (9) Sustainable Gardening Lectures for master composters and the public with 250 attending.
- Master Composters tabled at nine (9) Farmer's Markets reaching 457 residents.

<b>Program Code</b>	<b>Program Type/Description</b>
3000-CM-RCG thru-3030-CM-CSG	<p><b>Green Waste</b> (Residential, Self-Haul, Commercial On-site, Commercial Self Haul)</p> <ul style="list-style-type: none"> <li>* Green waste collection curbside is available to all franchised areas of the county. Self-haul is available at the Transfer Stations and the landfill.</li> <li>* Commercial on site green waste pick-up is available in some areas for a fee.</li> </ul>
1010-SR-BCM	<p><b>Food Waste Composting</b> (Food Waste-Composting, Vermi-composting)</p> <ul style="list-style-type: none"> <li>* Worked with 14 Green Businesses to monitor food waste composting program.</li> <li>* Food waste pick-up is available in some franchised areas. See Section Public Education, Outreach, 5020 ED-Out for additional technical assistance.</li> <li>* 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 offered food waste collection for residential customers in the SBWMA service area.</li> </ul>
3050-CM-SCH	<p><b>School Composting</b> (On-Site School Composting programs)</p> <ul style="list-style-type: none"> <li>* One (1) classroom worm compost bin was set up in a classroom at La Entrada School in the City of Menlo Park.</li> <li>* Commercial composting continues to be available curbside at schools within the SBWMA/Recology franchised area.</li> <li>* Master Composters gave composting classroom workshops at 12 schools and at one school district event "Make Time for Fitness" at Red Morton Park in Redwood City that reached out to all the 4<sup>th</sup> grade students (1000 students), 17 different schools within the Redwood City Elementary School District.</li> </ul>
3060 CM-GOV	<p><b>Government Composting</b></p> <ul style="list-style-type: none"> <li>* Distributed five (5) Organic Collection Bins and labels for County Facility (455 County Center).</li> <li>* Implemented organics recycling at county facilities</li> </ul>

370-CM-OTH	<b>Other Composting</b> Bins Sold by third party at a reduced rate exclusively for San Mateo County (no County subsidy)		
	Area of Bins Sold	Backyard Compost	Worm
	Atherton	1	1
	Belmont		
	Burlingame		
	Daly City	3	
	East Palo Alto	1	1
	Half Moon Bay	1	
	Hillsborough	3	
	Menlo Park	3	1
	Millbrae		
	Montara		
	Moss Beach		
	Pacifica	2	
	Portola Valley		
	Redwood City		1
	San Bruno	2	1
	San Carlos	1	
	San Mateo	3	1
	South San Francisco	1	
	Woodside		2
	<b>Total</b>	<b>21</b>	<b>8</b>

## Special Waste Materials

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

<b>Program Code</b>	<b>Program Type/Description</b>
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><b>Special Waste</b>            (Ash, Sludge, Tires, White Goods, Scrap Metal, Wood Waste, Concrete, Asphalt, Rubble, Disaster Debris, Shingle, Rendering, Other Special Waste)</p> <p><b>Tires</b></p> <ul style="list-style-type: none"> <li>* Tires are recycled at the Landfill and Pescadero Transfer Stations.</li> </ul> <p><b>White Goods</b></p> <ul style="list-style-type: none"> <li>* The website and hotline continues to promote locations throughout the County that can reuse, repair, or recycle white goods.</li> </ul> <p><b>Scrap Metal</b></p> <ul style="list-style-type: none"> <li>* The DPW Road Maintenance division recycles abandon and stripped vehicles.</li> <li>* RecycleWorks' Guides, website and hotline refer customers to the scrap metal recyclers located in San Mateo County.</li> <li>* 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.</li> </ul> <p><b>Wood Waste</b></p> <ul style="list-style-type: none"> <li>* 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.</li> <li>* 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.</li> </ul> <p><b>Concrete/Asphalt/Rubble</b></p> <ul style="list-style-type: none"> <li>* RecycleWorks administers a Construction and Demolition Waste Management Plans for Unincorporated area of San Mateo County.</li> <li>* There are a few locations within the County in which customers can buy recycled inert for their landscaping hardscape projects.</li> </ul> <p><b>Disaster Debris</b></p> <ul style="list-style-type: none"> <li>* Collaborated with the County Office of Emergency Services to prepare a Regional Disaster Debris Management Plan, May 2011. Plan is still in development.</li> </ul> <p><b>Other Special Waste</b>            Rendering/Other Special Waste</p> <ul style="list-style-type: none"> <li>* Residential drop-off vegetable oil recycling is offered by several local haulers and one municipality (City of Millbrae) and three (3) local businesses provide curbside pick-up of fats oils grease and animal fats that. serve commercial customers</li> </ul> <p><b>Dead Animal Program</b></p> <ul style="list-style-type: none"> <li>• 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 &amp; SPCA.</li> </ul>

## **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 2011 Public Education Accomplishments:***

- The RecycleWorks website had 884,918 website visitors.
- Answered 1,678 phone calls on the toll free RecycleWorks hotline.
- Certified 18 businesses in the County as Green Businesses.
- Created worm composting curriculum for the “Make Time for Fitness” event held at Red Morton Park that reached out to over 1,000 4<sup>th</sup> grade students from 17 schools in the Redwood City Elementary School District.

<b>Program Codes</b>	<b>Program Type/Description</b>																																														
5000-ED-ELC	<b>Electronic</b> (Radio, TV, Website, Hotlines, Videos, Public Services Announcements, any other Social Marketing)																																														
	<ul style="list-style-type: none"> <li>* The County supported and contributed staff time to the annual BayROC (Bay Area Recycling Outreach Coalition) regional media campaigns, which focused on promoting reusable bags through the “Bring Your Own Bag” campaign via radio PSA’s, web ads, and a website, Igotmybag.org.</li> <li>* Answered 1,678 phone calls on the toll free RecycleWorks hotline.</li> <li>* The RecycleWorks website had 884,918 visitors.</li> <li>* Some of the items listed on the RecycleWorks site included:               <ul style="list-style-type: none"> <li>- A list of Earth Day activities throughout the County during March and April</li> <li>- A search feature for where to recycle various materials and another on where to “buy green.”</li> <li>- 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)</li> <li>- Suggestions on methods to reduce holiday waste; provided ideas for gifts that assist the community and/or promote environmental education and are waste-free</li> <li>- Toll free hotline received 1,678 phone calls from the 21 jurisdictions of the County and outside of our area:                   <table border="0" style="margin-left: 40px;"> <tr><td>Atherton</td><td>21</td></tr> <tr><td>Belmont</td><td>65</td></tr> <tr><td>Brisbane</td><td>5</td></tr> <tr><td>Burlingame</td><td>78</td></tr> <tr><td>Colma</td><td>5</td></tr> <tr><td>Daly City</td><td>138</td></tr> <tr><td>East Palo Alto</td><td>16</td></tr> <tr><td>Foster City</td><td>60</td></tr> <tr><td>Half Moon Bay</td><td>45</td></tr> <tr><td>Hillsborough</td><td>24</td></tr> <tr><td>Menlo Park</td><td>126</td></tr> <tr><td>Millbrae</td><td>34</td></tr> <tr><td>Pacifica</td><td>53</td></tr> <tr><td>Portola Valley</td><td>8</td></tr> <tr><td>Redwood City</td><td>242</td></tr> <tr><td>San Bruno</td><td>45</td></tr> <tr><td>San Carlos</td><td>104</td></tr> <tr><td>San Mateo</td><td>253</td></tr> <tr><td>South San Francisco</td><td>66</td></tr> <tr><td>Unincorporated</td><td>135</td></tr> <tr><td>Woodside</td><td>17</td></tr> <tr><td>Unknown</td><td>86</td></tr> <tr><td>Out-of County</td><td>52</td></tr> </table> </li> </ul> </li> <li>* Countywide email outreach messages sent on our email list serve (Savicom) to over 1997 subscribers to our various e-lists.</li> <li>* Received and responded to over 319 email inquiries for information on, composting, green building, green business, facilities, and schools through recycleworks.org.</li> <li>* Conducted a Google Earth Day Ad Word Campaign resulting in 1,403 clicks and 294,574 impressions</li> </ul>	Atherton	21	Belmont	65	Brisbane	5	Burlingame	78	Colma	5	Daly City	138	East Palo Alto	16	Foster City	60	Half Moon Bay	45	Hillsborough	24	Menlo Park	126	Millbrae	34	Pacifica	53	Portola Valley	8	Redwood City	242	San Bruno	45	San Carlos	104	San Mateo	253	South San Francisco	66	Unincorporated	135	Woodside	17	Unknown	86	Out-of County	52
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5010-ED-PRN	<p><b>Print</b> (Advertisements, New Paper Articles, Guides, Brochures, Flyers, other)</p>
	<p><i>Advertisements/New Paper Articles</i></p> <ul style="list-style-type: none"> <li>* Advertised in local newspapers, such as the San Francisco Examiner, Half Moon Bay Review, and Catholic, San Francisco for an Earth Day Ad</li> <li>* Flyers and handouts were distributed at libraries and city halls.</li> <li>* Information was regularly distributed to planning &amp; building departments, the jury waiting room, countywide recycling staff, and haulers.</li> <li>* Other distribution locations of RW publications included: <ul style="list-style-type: none"> <li>- Realtor Association members</li> <li>- Homeowner &amp; Property Management Associations</li> <li>- City of Foster City</li> <li>- City of East Palo Alto</li> <li>- City of Millbrae</li> <li>- City of Half Moon Bay</li> <li>- City of San Mateo</li> <li>- Town of Colma</li> <li>- Town of Portola Valley</li> <li>- San Mateo County Unincorporated Pockets</li> <li>- W. L. Butler Construction</li> <li>- Spruce Elementary School</li> <li>- San Carlos Green</li> <li>- Home and Garden Show</li> <li>- Hillsdale Garden Show</li> <li>- Professional Organizers Association</li> <li>- Businesses served by Recology San Mateo County</li> <li>- Recology San Mateo residential customers</li> <li>- Recology of the Coast customers</li> <li>- CuriOdyssey Museum</li> <li>- Samaritan House</li> <li>- Individuals countywide requesting materials during Hotline calls and from the website publications page</li> </ul> </li> </ul>
	<p><i>Guides (Produced, reprinted or distributed)</i></p> <ul style="list-style-type: none"> <li>* Recycling Guides for Residents.</li> <li>* ReUse Guide for San Mateo County.</li> <li>* Commercial Recycling Guide for businesses.</li> <li>* Construction and Demolition guides to the county (pocket guide &amp; office reference guide).</li> </ul>
	<p><i>Brochures (Produced, reprinted or distributed)</i></p> <ul style="list-style-type: none"> <li>* Composting and sustainable gardening brochures.</li> <li>* Nursery Pot Reuse brochure.</li> <li>* Junk Mail kits (brochures) for residents and offices.</li> <li>* Resource Conservation News School Newsletter</li> <li>* Green It Yourself - residential green building guide.</li> <li>* Natural Connections Brochure (English and Spanish versions) – guide for parents to environmental education activities and opportunities in San Mateo County.</li> </ul>

	<p><i>Other Pieces (Produced, reprinted or distributed)</i></p> <ul style="list-style-type: none"> <li>* Global Warming bookmarks.</li> <li>* Various posters: Cardboard recycling, copy machine usage reduction, posters for businesses, construction and demolition recycling poster, how to prepare a Waste Free Lunch (for children), Spanish recycling poster (for SBWMA jurisdictions), San Mateo County Habitat poster.</li> <li>* Distributed “What Does Your Bag Say About You” posters in conjunction with BayROC’s Reusable Bag Campaign.</li> <li>* Green Business Program information card.</li> </ul> <p>Refer to Outreach, 5020-ED-OUT, Institutional /Schools for additional information.</p>
5020-ED-OUT	<p><b>Outreach</b> (Presentations, awards, fairs, events, field trips, workshops, technical assistance)</p> <ul style="list-style-type: none"> <li>• 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 in the County.</li> <li>• The Schools Program reached out to over 4,500 students in the County by giving 40 presentations at various school sites on the 4R’s, 69 presentations on composting, and 10 classroom field trips in addition to staffing outreach tables at two school events to educate students about the 4R’s (1,762 students were given a 4R’ presentations, 1,612 students a compost presentations, 324 students a classroom field trips to the Transfer Station, 850 students visited outreach tables staffed by RecycleWorks at various school events as listed below).</li> </ul>
	<p><i>Presentations were given to:</i></p> <ul style="list-style-type: none"> <li>* Sustainable San Mateo County Energy Efficiency Roundtable.</li> <li>* Haven House</li> <li>* Daly City Green Building ordinance meeting.</li> <li>* Rotary Earth Day Presentation</li> <li>* WL Butler Construction</li> <li>* San Mateo County employees</li> </ul>
	<p><i>Workshops given or staffed (Other):</i></p> <ul style="list-style-type: none"> <li>* Coordinated six workshops (~25 attendees each).related to Energy Efficiency: through the San Mateo County Energy Watch program.</li> <li>* Universal waste handling workshop for county facilities staff.</li> <li>* Trained 30 new Master Composter’s volunteers on composting.</li> <li>* Coordinated eight (8) Sustainable Garden Lectures.</li> </ul>
	<p><i>Awards received (Other):</i></p>
	<p><i>Awards/Public Awareness (Other)</i></p> <ul style="list-style-type: none"> <li>* RecycleWorks in partnership with American Institute of Architects and Sustainable San Mateo County awarded four (4) Green Building awards at Sustainable San Mateo County awards ceremony.</li> </ul>

	<p><i>Fairs (Other)</i></p> <ul style="list-style-type: none"> <li>* Burlingame Green Street Fair.</li> <li>* Foster City Earth Day Fair</li> <li>* Maker Faire, San Mateo Fair Grounds.</li> <li>* Portola Valley Earth Day Fair.</li> <li>* San Mateo County Fair exhibit and informational booth.</li> <li>* San Mateo County Health and Benefits Fair (50% of County Employees live in San Mateo County)</li> <li>* Menlo Park Block Party.</li> <li>* CMSESMC Annual Math/Science Resource Fair, San Mateo County Office of Education.</li> <li>* Amgen Earth Day Fair</li> </ul>
	<p><i>Events/Tours staffing (Other)</i></p> <p><u>Events</u></p> <ul style="list-style-type: none"> <li>* Coastal Clean-Up Day, Pacifica.</li> <li>* Peninsula Home and Patio Show</li> <li>* Picnic for the Planet Earth Day Event Visa Earth Day Event</li> <li>* Earth Day Event at Wilson Sonsini Goodrich &amp; Rosati Law Firm</li> <li>* Silver Springs Network Earth Day</li> <li>* Streets Alive, South San Francisco &amp; Redwood City</li> <li>* Master Gardeners Tomato &amp; Pepper Plant Sale</li> <li>* Filoli Garden Show</li> <li>* Schools Compost Program “Make Time for Fitness”</li> <li>* SGLS-Worm Extravaganza</li> <li>* Hillsborough-San Mateo Garden Show</li> <li>* Home and Garden Design Show</li> <li>* United Airlines Family Day</li> <li>* San Mateo County New Employee Welcome events 4 (four).</li> <li>* San Mateo County (555 County Center) Farmer’s Markets 2 (two).</li> <li>* Peninsula Home &amp; Garden Show (San Mateo County Expo Center)</li> <li>* Pacifica, Earth Day Event</li> </ul> <p><u>Tours</u></p> <ul style="list-style-type: none"> <li>* ”Going Native” garden tour.</li> </ul>
	<p><i>Environmental Campaigns (Shopping, Smart Shopping)</i></p> <ul style="list-style-type: none"> <li>* Participated and funded the regional BayROC (Bay Area Recycling Outreach Coalition) Stop Junk Mail and Reusable Bag Campaigns.</li> </ul>
	<p><i>Technical Assistance/Waste Information Exchange/Meetings (Other)</i></p> <p><u>Meetings:</u></p> <ul style="list-style-type: none"> <li>* Held four Countywide Recycling Committee events with an average attendance of 26 attendees from various cities, recycling and hauling companies throughout the County.</li> </ul>
	<p><i>Technical Assistance /Assistance to Jurisdictions</i></p> <ul style="list-style-type: none"> <li>* Prepared the Quarterly Disposal Report for all jurisdictions.</li> <li>* 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).</li> <li>* Prepared comments for EIR’s for Solid Waste Disposal at Ox Mountain.</li> </ul>

	<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>Technical Assistance</u>  Certified 24 Green Businesses in participating cities;</p> <ul style="list-style-type: none"> <li>• Burlingame - SMC Convention and Visitor’s Bureau, MacCorkle Insurance, ELM Advisors.</li> <li>• Portola Valley – The Sequoias.</li> <li>• Millbrae – Amelia’s Antics – Millwood Inn and Suites.</li> <li>• San Mateo – Bay Imaging, Callander Associates.</li> <li>• Redwood City – Grind Coffee Bar.</li> <li>• San Carlos – Peninsula Children’s Dentistry, Ducky’s Car Wash, My gym Children’s Fitness, Piazza – Pebbles Floor and Window, REI.</li> <li>• Unincorporated – Agilewaves, Newdoll Enterprises</li> <li>• Pacifica – The Cleaning Company.</li> <li>• South San Francisco – SSF Conference Center, Melon’s Catering, Bay Area Green Solutions.</li> <li>• SFO – The Burger Joint, Osho Japanese Rest.</li> <li>• SMC Government – DPW Corp Yard, DPW 555 County Center – 5<sup>th</sup> Floor.</li> </ul>
	<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"> <li>* Presentations were given at public and private schools in Belmont, Redwood City, Atherton, Menlo Park, Hillsborough, East Palo Alto, Half Moon Bay, Foster City, San Mateo, and Unincorporated San Mateo County.</li> <li>* Provided two teacher-training worm compost workshops that were held at the San Mateo County Office of Education.to 22 teachers attended.</li> <li>* Provided one (1) teacher-training workshop on the 4R’s to prepare teachers for classroom fieldtrips. Ten (10) teachers attended from Daly City, Redwood City, Menlo Park, South San Francisco, Belmont, Pacifica, Foster City, San Bruno, and San Mateo</li> <li>* One (1) presentation on the Green Star Schools Program (GSS) was given to 35 participants at the Bay Area Schools Environmental Conference.</li> <li>* 21 presentations on the 4R’s were provided to public and private schools in the following locations: East Palo Alto, Belmont, Burlingame, Daly City, San Mateo, Redwood City, Half Moon Bay, and Unincorporated San Mateo County.</li> </ul> <p><u>Technical Assistance</u></p> <ul style="list-style-type: none"> <li>* Refer to School Source Reduction, 1040-SR-SCH for additional information.</li> </ul> <p><u>Outreach</u></p> <ul style="list-style-type: none"> <li>* Published the annual school newsletter, “Resource Conservation News,” distributed to 7,000 FTE (Full Time Equivalent) teachers and school administrators in San Mateo County.</li> <li>* Tabled at the San Mateo County Math and Science Teachers Conference.</li> <li>* Tabled at the Highlands School Earth Day Event and Burlingame High School Community Volunteer Event.</li> <li>* Distributed 100 copies of the San Mateo County Habitat Game to teachers throughout San Mateo County.</li> </ul>

	<p><i>Waste Assessments/Audits/Surveys (Other not schools or commercial)</i></p> <ul style="list-style-type: none"> <li>* Conducted two waste audits to reduce waste at the County Jail (Redwood City) and County Hospital (San Mateo).</li> <li>* Collected data for Office of Emergency Services for the Regional Disaster Debris Plan.</li> </ul>
5030-ED-SCH	<p><b>Schools</b> (Task Force, Grants, Education/School Curriculum Assistance, Resource Center)</p>
	<ul style="list-style-type: none"> <li>* 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.</li> <li>* Provided RecycleWorks Resource Center assistance to educators throughout the County.</li> <li>* Conducted ten class field trips to the Transfer Station and Material Recovery Facility: Classes were from schools in Daly City, Redwood City, Menlo Park, South San Francisco, Belmont, Pacifica, Foster City, San Bruno, and San Mateo.</li> </ul>
5040 Ed Other	<p><b>Other Public Education</b></p> <ul style="list-style-type: none"> <li>* Provided pencils to the public featuring the hotline phone number and website at events and school presentations.</li> <li>* 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.</li> </ul> <p>Lecture topics:</p> <ul style="list-style-type: none"> <li>- Seasonal Sustainable Gardening: Vegetables/Ornamentals.</li> <li>- Compost Biology and Practical Application in Landscapes.</li> <li>- Vermicomposting Extravaganza: lecture &amp; Demonstration.</li> <li>- Lawn Alternatives.</li> <li>- Seasonal Sustainable Gardening: Fall/Winter Garden Preparation.</li> <li>- Planning and Understanding a Drought Tolerant Garden.</li> <li>- Autumn/Winter Composting: Finished Compost for Spring.</li> <li>- Grey Water Irrigation for Drought Times.</li> </ul>

## Policy Incentives

(Product and Landfill Ban, Economic Incentives, Ordinances, Other)

### *Key Policy Accomplishments:*

6000-PL-PLB	<b>Product Landfill Ban</b>
6010-PL-EIN	<b>Economic Incentives (Deposits, Refunds)</b>

6020-PL-ORD	<p><b>Ordinances</b> (Support State and Fed Reg Programs, Local Government, Building Codes, Local Government Ordinance)</p> <ul style="list-style-type: none"> <li>* Board of Supervisors approved a new Collection Service and Materials Recovery Facilities provider for CSA 8 and the unincorporated County pockets (County Franchised Area) in the SBWMA service areas.</li> <li>* As of July 1, 2011, the county passed an ordinance prohibiting food-service ware made of polystyrene, expanded (foam) and molded or extruded (clear/colorless) plastic by Food Vendors in Unincorporated San Mateo County.</li> </ul>
<p><b>Facility Recovery</b> (MRF, Landfill, Transfer Station, Composting Facility, ADC, Other)</p>	
<p><b>Key Accomplishments:</b></p>	
7020 FR-TST  7010-FR-LAN	<p><b>Facility Recovery (MRF), Landfill, Transfer Stations, Composting Facilities, ADC</b></p> <ul style="list-style-type: none"> <li>* 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. The materials collected at the Pescadero Transfer Station are processed at Newby Island in San Jose. Shoreway Environmental Center processes materials they receive from inside and outside their jurisdiction. These facilities mentioned above provide source separated drop-off recycling opportunities for wood, tires, mattresses, yardwaste, fiber, oil, batteries, bottles and cans and C&amp;D. The only MRF located in the unincorporated area of the County is the Pescadero Transfer Station.</li> <li>* 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.</li> <li>* 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.</li> </ul>
HHW	<p><b>County HHW Program</b></p> <p>HHW program served 10,817 residents and collected 737,489 pounds (or 369 tons) for recycling or proper disposal.</p> <p>Two (2) special HHW collections were held in La Honda and Portola Valley</p> <p>22,655 pounds of Pharmaceuticals collected for proper disposal</p>

## Other Sustainability Programs (not funded by AB 939 Fee) Funded from CCAG grant funds

### 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 5,000 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, CO<sub>2</sub> and Climate Change

### Climate Action – Regionally Integrated Climate Action Planning Suite (RICAPS)

- \* Held five (5) Resource Conservation & Climate Protection Committee meetings- city staff, elected officials, and the public. Gave presentation about RICAPS at three (3) RMCP meetings
- \* Provided staff to C/CAG's Resource Management and Climate Protection Committee.
- \* Worked with selected consultant (KEMA, Inc.) to develop CAP Template and Menu of Measures
- \* Worked with selected consultant (Hara Software) to develop online tracking tool for RICAPS.
- \* Hosted RICAPS kickoff meeting for city representatives (33 attendees)
- \* Presented RICAPS to the following organizations:
  - Joint Venture CAP Tools Workshop
  - Santa Clara County City Manager's Association
  - Santa Clara City Planner's Meeting.
  - Joint Venture Public Sector Climate Protection Task Force Meeting
  - Association of Monterey Bay Area Governments Panel on Climate Action Plans
  - PG&E CAP Best Practices Call
- \* Participated in a CAP Tool Info Session at Hara
- \* Wrote about RICAPS in San Mateo County Energy Watch email newsletters 5 times, with 188 opens.
- \* 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 Reduction Activities

- \* 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, C02 and Climate Change

### Energy Use/Energy Watch

- Reduced countywide energy use by approximately 3.9 million kilowatt-hours, 538 kilowatts and 10,097 therms of natural gas through energy-efficiency projects at public agencies, non-profits and middle income residences through the San Mateo County Energy Watch program.
- San Mateo County Energy Watch website ([www.smcenergywatch.org](http://www.smcenergywatch.org)) received 2,297 visits in 2011.
- Published 25 San Mateo County Energy Watch email newsletters.
- In 2011, the San Mateo County Energy Watch program has assisted 17 San Mateo County cities, the County, and two special districts through the Energy Watch program with energy-efficiency audits, retrofits, technical assistance, rebates, and incentives.
- Served 34 non-profits through the Energy Watch program with energy-efficiency audits, retrofits and rebates.
- Hosted energy efficiency trainings in partnership with PG&E 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. Classes covered the following topics:
  - Green Home Building in San Mateo County: Cal Green, Green Point Rated, and Beyond
  - Energy Careers and Business Opportunities
  - Title 24 Duct Installation Standards and Diagnostic Testing
  - Home Performance, Putting it All Together
  - HVAC Fundamentals
- Benchmarked 65 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. Hosted a benchmarking workshop to train city staff how to use Portfolio Manager on 6/1/12.
- Published the Energy Watch green building and energy e-newsletter for San Mateo County homeowners, architects, contractors and others involved in the residential or commercial building industry. In the fall, a municipal version of the newsletter was launched. The successful e-newsletter has 277 subscribers.

**RESOLUTION NO. 072099**

**BOARD OF SUPERVISORS, COUNTY OF SAN MATEO, STATE OF CALIFORNIA**

\* \* \* \* \*

**RESOLUTION ADOPTING AN UPDATED  
COUNTY INTEGRATED PEST MANAGEMENT POLICY FOR LAND EITHER OWNED  
BY OR OTHERWISE CONTROLLED BY THE COUNTY OF SAN MATEO**

---

**RESOLVED**, by the Board of Supervisors of the County of San Mateo, State of California, that

**WHEREAS**, the California Regional Water Quality Control Board adopted a Municipal Regional Permit on October 14, 2009; and

**WHEREAS**, agencies within the San Francisco Bay Area are mandated to meet the requirements of the permit; and

**WHEREAS**, one of the requirements of the permit is the adoption of an Integrated Pest Management Policy; and

**WHEREAS**, San Mateo County adopted such a policy document on June 8, 2010 through Resolution 070851; and

**WHEREAS**, the California Regional Water Quality Control Board subsequently required that local agencies within San Mateo County update their Integrated Pest Management Policy to include greater specificity; and

**WHEREAS**, affected San Mateo County Departments have met and collaboratively developed an Integrated Pest Management Policy for the County of San Mateo (attached as Exhibit A to the memorandum submitted in support of this Resolution), which establishes goals of protecting the health and safety of County

employees and the general public; protects the environment and water quality; and provides sustainable pest control solutions through the reduced used of pesticides on County owned or managed property; and

**WHEREAS**, the Directors of the various Departments impacted by the adoption of an updated County Integrated Pest Management Policy recommend the Board's approval of that policy, and the Board has considered the policy and concurs in the recommendation.

**NOW THEREFORE, IT IS HEREBY DETERMINED AND ORDERED** that the Board of Supervisors adopts an updated County Integrated Pest Management Policy for land either owned or managed by the County of San Mateo.

\* \* \* \* \*

Regularly passed and adopted this 24<sup>th</sup> day of July, 2012.

*AYES and in favor of said resolution:*

*Supervisors:*

DAVE PINE

CAROLE GROOM

DON HORSLEY

ROSE JACOBS GIBSON

ADRIENNE J. TISSIER

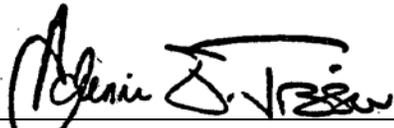
*NOES and against said resolution:*

*Supervisors:*

NONE

*Absent Supervisors:*

NONE



*President, Board of Supervisors  
County of San Mateo  
State of California*

***Certificate of Delivery***

*I certify that a copy of the original resolution filed in the Office of the Clerk of the Board of Supervisors of San Mateo County has been delivered to the President of the Board of Supervisors.*



*Rebecca Romero, Deputy  
Clerk of the Board of Supervisors*

## **Exhibit “A”**

### **San Mateo Countywide Water Pollution Prevention Program Model 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 County by applying Integrated Pesticide Management principles and techniques. The municipal regional stormwater permit requires that the County of San Mateo 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.