

September 10, 2014

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

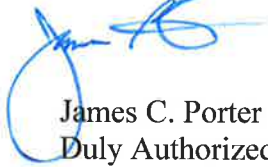
Re: San Mateo County Flood Control District FY 2013/14 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the San Mateo County Flood Control District pursuant to Permit Provision C.16.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2009-0074, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of compliance activities conducted during FY 2013/14 and related accomplishments.

Please contact Julie Casagrande at (650) 599-1457 or Mark Chow at (650) 599-1489 regarding any questions or concerns.

Very truly yours,



James C. Porter
Duly Authorized Representative
Director of Public Works
RCE No. 48056

JCP:AMS:MC:EG:JC

G:\Users\utility\watershed_protection\STOPPP_NPDES\NPDES\MRP\2013_2014 Annual Report\SMCFCD_FY13-14_AnnualReportCoverLetter.doc

Enclosures: Certification Statement, San Mateo County Flood Control District FY 2013/14 Annual Report

cc: Ann M. Stillman, P.E., Deputy Director, Engineering and Resource Protection
Mark Chow, P.E., Principal Civil Engineer, Utilities-Flood Control-Watershed Protection
Julie Casagrande, Watershed Protection Specialist, Utilities-Flood Control-Watershed Protection

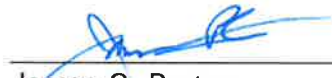


**SAN MATEO COUNTY FLOOD CONTROL DISTRICT
FY 2013/14 ANNUAL REPORT**

Certification Statement

"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Duly Authorized Representative:



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



Date

Table of Contents

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

Permittee Name: San Mateo County Flood Control District

Section 1 – Permittee Information

Background Information				
Permittee Name:	San Mateo County Flood Control District			
Population:	Non-population based Permittee			
NPDES Permit No.:	CAS612008			
Order Number:	R2-2009-0074R			
Reporting Time Period (month/year):	July 2013 through June 2014			
Name of the Responsible Authority:	James C. Porter	Title:	Director, Department of Public Works	
Mailing Address:	555 County Center, 5 th Floor			
City:	Redwood City	Zip Code:	94063	County: San Mateo
Telephone Number:	(650) 363-4100	Fax Number:	(650) 361-8220	
E-mail Address:	jporter@smcgov.org			
Name of the Designated Stormwater Management Program Contact (if different from above):	Julie Casagrande	Title:	Watershed Protection Specialist	
Department:	Public Works			
Mailing Address:	555 County Center, 5 th Floor			
City:	Redwood City	Zip Code:	94063	County: San Mateo
Telephone Number:	(650) 599-1457	Fax Number:	(650) 361-8220	
E-mail Address:	jcasagrande@smcgov.org			

Permittee Name: San Mateo County Flood Control District

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

During FY13-14, the 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 organizing 11 events 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 and mitigation site vegetation maintenance) were completed in accordance with the MRP and the County of San Mateo Watershed Protection Maintenance Standards (2004). Twenty DPW staff, some of them have the responsibility of also performing maintenance on access roads along SMCFCD channels, attended the November 14, 2013 Municipal Maintenance Rural Roads Workshop.

Please see the C.2 Municipal Operations section of the SMCWPPP FY 13-14 Annual Report for a description of activities implemented at the countywide level.

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

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

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

Comments:

The SMCFCD did not perform any street or road repair and maintenance during FY13-14. Maintenance activities only involved vegetation maintenance at two San Bruno Creek Flood Control Zone pump stations, the San Bruno Creek Flood Control Zone Cupid Row Canal channel, and the Colma Creek Flood Control Zone mitigation sites.

Permittee Name: San Mateo County Flood Control District

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

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

N/A	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
N/A	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs
Comments: The SMCFCFD did not perform or contract for any sidewalk, plaza, or pavement washing during FY13-14.	

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

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

N/A	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
N/A	Control of discharges from graffiti removal activities
N/A	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
N/A	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
N/A	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
N/A	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
Comments: The SMCFCFD did not perform any bridge and structure maintenance or graffiti removal during FY13-14.	

Permittee Name: San Mateo County Flood Control District

C.2.d. ► Stormwater Pump Stations

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

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

Complete the following table for dry weather DO monitoring and inspection data for pump stations¹ (add more rows for additional pump stations). 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	9/23/13 *	N/A	9/30/13	5.8
Angus Pump Station, 7th Avenue & Angus Avenue, San Bruno	8/8/13	4.8	9/23/13 *	N/A

Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:

No corrective actions were needed as all DO concentrations were greater than 3 mg/L.

*The data sheets for 9/23/13 are not available, and the employee who collected the data is no longer employed by the County. Photos from the field monitoring are on file and available to confirm that the monitoring was conducted. Values were presumed to be above the 3 mg/L corrective action threshold as if not, immediate corrective actions would have been taken. Current staff responsible for monitoring have been reminded of records procedures.

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	2/3/14	<0.1	No	No	Yes (med)	No
Walnut Pump Station, 7th Avenue & Walnut	2/27/14	<0.1	No	No	Yes (low)	No

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

Permittee Name: San Mateo County Flood Control District

Avenue, San Bruno						
Angus Pump Station, 7th Avenue & Angus Avenue, San Bruno	2/3/14	<0.1	No	No	Yes (high)	No
Angus Pump Station, 7th Avenue & Angus Avenue, San Bruno	2/27/14	<0.1	No	No	Yes (med)	Yes (low)

C.2.e. ► Rural Public Works Construction and Maintenance

Does your municipality own/maintain rural² roads: Yes No

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

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

<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
<input type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings

Comments including listing increased maintenance in priority areas:

² Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

Permittee Name: San Mateo County Flood Control District

C.2.f. ► Corporation Yard BMP Implementation			
Place an X in the boxes below that apply to your corporations yard(s):			
<input checked="" type="checkbox"/>	We do not have a corporation yard		
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit		
<input type="checkbox"/>	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)		
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:			
<input type="checkbox"/>	N/A	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment	
<input type="checkbox"/>	N/A	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system	
<input type="checkbox"/>	N/A	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method	
<input type="checkbox"/>	N/A	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used	
<input type="checkbox"/>	N/A	Cover and/or berm outdoor storage areas containing waste pollutants	
<p>Comments:</p> <p>The SMCFCFD does not have a Corporation Yard or dedicated maintenance staff and instead utilizes the DPW Road Maintenance Division crew for routine maintenance activities. The DPW Road Maintenance Division has several Corporation Yards. Routine inspections were conducted at these facilities and are reported in the FY13-14 Annual Report for the County of San Mateo. No violations were reported.</p>			
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.v.(2)(a) ► Green Streets Status Report
 (All projects to be completed by December 1, 2014)

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

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

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

Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information.
 N/A– The SMCFCFD 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.e.v. ► Alternative or In-Lieu Compliance with Provision C.3.c.

N/A– The SMCFCFD does not have land use or regulatory authority over the types of projects (i.e., private) that may qualify as Regulated Projects.

<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):
 For FY13-14, the County Planning & Building Department allowed alternative compliance for one public project. This approved project was not related to SMCFCFD activities.

Permittee Name: San Mateo County Flood Control District

C.3.e.vi ► Special Projects Reporting		N/A– The SMCFCFD does not have land use or regulatory authority over the types of projects (i.e., private) that may qualify as Special Projects.	
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"/>
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2014 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.	<input type="checkbox"/>	Yes	<input type="checkbox"/>
If you answered "Yes" to either question, <ol style="list-style-type: none"> 1) Complete Table C.3.e.vi . below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. 			

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting		N/A – There are currently no stormwater treatment measures or HM controls under the SMCFCFD's jurisdiction.	
(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information.			
(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.			
Summary:			
(3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).			
Summary:			
(4) During the reporting year, did your agency:			

Permittee Name: San Mateo County Flood Control District

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

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

N/A – The SMCFCD does not have land use or regulatory authority for these types of projects.

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

Summary:

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

Permittee Name: San Mateo County Flood Control District

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 ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
No SMCFCFD Regulated Projects.											

¹⁰ Include cross streets

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

¹² Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

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

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

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

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

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

Permittee Name: San Mateo County Flood Control District

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)										N/A
Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
No SMCFCD Regulated Projects.										

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

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

²⁰ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²¹ List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

²² List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

²³ List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

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

²⁵ For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

²⁶ For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

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

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

²⁹ If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

Permittee Name: San Mateo County Flood Control District

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)									N/A	
Project Name Project No.	Approval Date ³⁰	Date Construction Scheduled to Begin	Source Control Measures ³¹	Site Design Measures ³²	Treatment Systems Approved ³³	Operation & Maintenance Responsibility Mechanism ³⁴	Hydraulic Sizing Criteria ³⁵	Alternative Compliance Measures ^{36/37}	Alternative Certification ³⁸	HM Controls ^{39/40}
No SMCFCFCD Regulated Projects.										

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

³¹ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

³² List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

³³ List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

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

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

³⁶ For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

³⁷ For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

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

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

⁴⁰ If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

Permittee Name: San Mateo County Flood Control District

C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting								N/A	
Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ⁴¹	Party Responsible ⁴² For Maintenance	Date of Inspection	Type of Inspection ⁴³	Type of Treatment/HM Control(s) Inspected ⁴⁴	Inspection Findings or Results ⁴⁵	Enforcement Action Taken ⁴⁶	Comments/Follow-up
No SMCFCD stormwater treatment systems.									

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

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

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

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

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

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

C.3.e.vi.Special Projects Reporting Table												
Reporting Period – January 1 – June 30, 2013												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴⁷	Status ⁴⁸	Description ⁴⁹	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category ⁵⁰	LID Treatment Reduction Credit Available ⁵¹	List of LID Stormwater Treatment Systems ⁵²	List of Non-LID Stormwater Treatment Systems ⁵³
No SMCFCFD Special Projects.												

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

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

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

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

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

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

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

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

Program Highlights
Provide background information, highlights, trends, etc.
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. 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. SMCFCFD staff also review environmental compliance documents for proposed development projects within SMCFCFD flood control zones and provide responsible agencies with comments when appropriate.

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

C.4.b.iii.(1) ► Potential Facilities List
List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.
N/A

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

C.4.c.iii.(1) ► Facility Inspections	N/A									
Fill out the following table or attach a summary of the following information. Indicate your violation reporting methodology below.										
<input type="checkbox"/>	Permittee reports multiple discrete violations on a site as one violation.									
<input type="checkbox"/>	Permittee reports the total number of discrete violations on each site.									
	<table border="1"> <thead> <tr> <th></th> <th>Number</th> <th>Percent</th> </tr> </thead> <tbody> <tr> <td>Number of businesses inspected</td> <td></td> <td></td> </tr> <tr> <td>Total number of inspections conducted</td> <td></td> <td></td> </tr> </tbody> </table>		Number	Percent	Number of businesses inspected			Total number of inspections conducted		
	Number	Percent								
Number of businesses inspected										
Total number of inspections conducted										

Permittee Name: San Mateo County Flood Control District

Number of violations (excluding verbal warnings)		
Sites inspected in violation		
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner		
Comments:		

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

N/A

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

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

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

N/A

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

	Enforcement Action (as listed in ERP) ⁴⁸	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ⁴⁹
Level 1			
Level 2			
Level 3			
Level 4			
Total			

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

N/A

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

Business Category ⁵⁰	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations

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

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

⁵⁰ List your Program's standard business categories.

Permittee Name: San Mateo County Flood Control District

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:

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 SMCFCFD 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, SMCFCFD 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.

The SMCFCFD maintains 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, 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, CEH, and/or SMCFCFD staff) pertaining to illicit discharges outside of SMCFCFD jurisdiction 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 SMCFCFD's jurisdiction (i.e., flood control channels), County staff handles response, cleanup, and tracking. CEH 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. No public calls or complaints were received during FY13-14. There was one observation by SMCFCFD staff of a large pile of dirt dumped onto the downstream right bank of Colma Creek behind 325 Corey Way, located approximately 325 feet downstream of the Utah Avenue Bridge on 6/7/14. The incident was forwarded to City of SSF staff, who handled timely cleanup.

Please see the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 13-14 Annual Report for description of activities 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 Road Maintenance Division - Steve Fischer	Road Manager to send out crews to respond to complaints 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

Permittee Name: San Mateo County Flood Control District

Environmental Health – Patrick Ledesma	Illicit Discharge Coordinator	(650) 372-6241
San Mateo County Flood Control District – Julie Casagrande	Illicit Discharge Coordinator	(650) 599-1457
Countywide Illicit Discharge Coordinators	http://www.flowstobay.org/bs_illicit_discharge.php	

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

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

Description:
N/A see explanation in Program Highlights section above and in C.4

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

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

Description:
N/A see explanation in Program Highlights section

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))	0	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	0	
Discharges resolved in a timely manner (C.5.f.iii.(3))	0	

Comments:
There were no spill or discharge complaints within the SMCFCFD jurisdiction reported to the CEH (including HazMat and California Emergency Management Agency calls). There was one incident observed by SMCFCFD staff of a large pile of dirt dumped onto the downstream right bank of Colma Creek behind 325 Corey Way, located approximately 325 feet downstream of the Utah Avenue Bridge on 6/7/14. The incident was forwarded to City of SSF staff, who handled timely cleanup.

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

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

There were no spill or discharge complaints within the SMCFCFD jurisdiction reported to the CEH (including HazMat and California Emergency

Permittee Name: San Mateo County Flood Control District

Management Agency calls). There was one observation by SMCFCFCD staff of a large pile of dirt dumped onto the downstream right bank of Colma Creek behind 325 Corey Way, located approximately 325 feet downstream of the Utah Avenue Bridge on 6/7/14. The incident was forwarded to City of SSF staff, who handled timely cleanup.

Permittee Name: San Mateo County Flood Control District

Section 6 – Provision C.6 Construction Site Controls

With the exception of SMCFCFCD flood control capital improvement projects involving construction, Section 6 is generally not applicable to the SMCFCFCD. During FY 13-14, there were no SMCFCFCD flood control capital improvement projects approved or implemented.

C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals		N/A
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
#	#	#
Comments:		

Permittee Name: San Mateo County Flood Control District

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations⁵¹ excluding Verbal Warnings	% of Total Violations⁵²
Erosion Control		
Run-on and Run-off Control		
Sediment Control		
Active Treatment Systems		
Good Site Management		
Non Stormwater Management		
Total⁵³		100%

N/A

C.6.e.iii.1.e ▶ Construction Related Storm Water Enforcement Actions			
	Enforcement Action (as listed in ERP)⁵⁴	Number Enforcement Actions Issued	% Enforcement Actions Issued⁵⁵
Level 1 ⁵⁶			
Level 2			
Level 3			
Level 4			
Total			100%

N/A

⁵¹ Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category. For example, if during one inspection at a site, there are 2 erosion control violations, only 1 violation would be counted for this table.

⁵² Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

⁵³ The total number of violations may count more than one violation per inspection, since some inspections may result in violations in more than one category. For example, during one inspection of a site, there may have been both an erosion control violation and a sediment control violation. For this reason, the total number of violations in this table may not match the total number of enforcement actions reported in Table C6.e.iii.1.e.

⁵⁴ Agencies should list the specific enforcement actions as defined in their ERPs.

⁵⁵ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁶ For example, Enforcement Level 1 may be Verbal Warning.

Permittee Name: San Mateo County Flood Control District

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

C.6.e.iii.1.h, i ► Violation Correction Times		N/A	
		Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)			% ⁵⁷
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)			% ⁵⁸
Total number of violations (excluding verbal warnings) for the reporting year⁵⁹			100%
Comments:			

C.6.e.iii.(2) ► Evaluation of Inspection Data		N/A
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).		
Description:		

C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness		N/A
Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.		
Description:		

⁵⁷ Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

⁵⁸ Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

⁵⁹ The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions. I.e., This assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

Permittee Name: San Mateo County Flood Control District

C.6.f ► Staff Training Summary				
Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Municipal Maintenance Rural Roads Workshop	November 14, 2013	<input type="checkbox"/> Stormwater/Erosion Control <input type="checkbox"/> Effects of Uncontrolled Stormwater <input type="checkbox"/> Types of Erosion/Intro to Field Assessments <input type="checkbox"/> The BMP Tool Bag <input type="checkbox"/> Hands on BMPs <input type="checkbox"/> Field Segment	20 DPW staff including: 2 DPW inspectors	13% of DPW Inspectors
SMCWPPP Stormwater Treatment System Inspection Workshop	December 4, 2013	What's Required by the Stormwater Permit <input type="checkbox"/> Overview of Stormwater Treatment Measures <input type="checkbox"/> What to Inspect during Construction and during 45 day Inspections <input type="checkbox"/> Post-Occupancy O&M Inspections and Issues <input type="checkbox"/> Vector Control Considerations	6 County staff including : 1 P&B Inspector 5 DPW Inspectors	33% of P&B Inspectors 33% of DPW Inspectors
SMCWPPP Construction Site Stormwater Inspector Training Workshop	April 23, 2014	<input type="checkbox"/> Regulatory refresher of MRP requirements for construction site inspections, <input type="checkbox"/> Review of the statewide Construction General Permit and its relationship to the MRP, <input type="checkbox"/> Construction BMPs and recognizing issues, <input type="checkbox"/> Field exercise for hands on installation and critique of field BMPs.	18 County staff including: 1 P&B's Code Compliance Inspectors 5 P&B Building Inspectors 9 DPW Inspectors	25% of P&B's Code Compliance Inspectors 71% of P&B Building Inspectors 60% of DPW Inspectors
SMCWPPP Annual C.3 Stormwater	June 11, 2014	<input type="checkbox"/> Basic Training on Stormwater Permit	11 County staff	

Permittee Name: San Mateo County Flood Control District

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

Permittee Name: San Mateo County Flood Control District

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

C.7.b.ii.1 ▶ Advertising Campaign

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

Summary:

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

- BASMAA Be the Street Campaign Report

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

C.7.b.iii.1 ▶ Pre-Campaign Survey

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

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

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

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

Permittee Name: San Mateo County Flood Control District

C.7.b.iii.2 ► Post-Campaign Survey

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

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

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

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

C.7.c ► Media Relations

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

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

Summary:

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

- BASMAA Media Relations Final Report FY 13-14

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

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 13-14:

There has been no change in the SMCFCD's contact information. The SMCWPPP initial points of contact have not changed, however, social media points of contact have been established in addition to the original website and phone number. A summary of efforts conducted by SMCWPPP to publicize stormwater points of contact (e.g. program website, hotline, outreach materials, and social media, etc.) is included within the Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report.

Permittee Name: San Mateo County Flood Control District

C.7.e ► Public Outreach Events		
<p>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</p>		
Event Details	Description (messages, audience)	Evaluation of Effectiveness
<p>Provide event name, date, and location. Indicate if event is local, countywide or regional.</p> <p>The following outreach events were conducted on a countywide level by SMCWPPP and are described in detail in the Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report:</p> <ul style="list-style-type: none"> • Coastal Cleanup Day, September 21, 2013 • San Mateo County Fair, June 7-15, 2014 <p>SMCFCD staff assisted with the above events by posting information on public bulletin boards at the County office building at 555 County Center in Redwood City and the San Francisco Bay Trail signboard along Colma Creek in South San Francisco. SMCFCDD staff was a team captain at the Colma Creek Coastal Cleanup Day site. In addition to the SMCWPPP table at the San Mateo County Fair, RecycleWorks also staffed a table at the event and provided additional outreach materials. Additional public outreach events are listed below.</p>		
National River Cleanup Day, 5/17/2014, Colma Creek in South San Francisco	Creek cleanup event with public outreach table staffed by SMCFCDD/CEH.	21 volunteers removed 3.7 cubic yards of trash and illegally dumped debris from 0.5 miles of stream. Promoted event by displaying posters on public bulletin boards at 555 County Center in RWC and on San Francisco Bay Trail signboard along Colma Creek in SSF.
Rinat/Pfizer Cleanup Day, 5/14/2014, Colma Creek in South San Francisco	Creek cleanup event with public outreach. Cleanup included an introductory talk on Colma Creek including sources of trash and cleanup efforts by the County biologist.	15 volunteers from a local biotech company (Rinat/Pfizer on Grand Avenue, SSF) removed 4 cubic yards of trash and illegally dumped debris from 0.5 miles of stream.
Colma Creek Volunteer Day - SFSU Restoration Ecology Class Field Trip, 9/22/2013, Colma Creek in South San Francisco.	Creek cleanup and invasive plant removal event with public outreach. Outreach messages included litter reduction and native plants.	Approximately 22 volunteers. The event was well received and resulted in the removal of 1.5 cubic yards of trash and removal of approximately 500 sq. ft. of invasive Algerian sea lavender.
<p>In addition to the public outreach events listed above, which are specific to the Colma Creek Flood Control Zone, County staff and the RecycleWorks Program conducted stormwater-related outreach at other events. Please see the County of San Mateo FY 13-14 Annual Report for additional information.</p>		

Permittee Name: San Mateo County Flood Control District

C.7.f. ► Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

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

SMCFCD staff worked with the Countywide Program to support the activities of the Watershed Stewardship Groups and worked directly with smaller local collaboratives that exist within the SMCFCFCD's zones and unincorporated areas of the County. Please see the County of San Mateo FY 13-14 Annual Report for watershed stewardship efforts that County and SMCFCFCD staff participated in that are not specific to SMCFCFCD flood zones. Watershed stewardship efforts conducted by SMCFCFCD staff that pertain directly to SMCFCFCD flood zones are summarized below.

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

Since FY 10-11, SMCFCFCD staff has been participating in the South San Francisco Community Preservation Task Force (CTPF) by providing annual presentations of SMCFCFCD Colma Creek activities and sharing ideas and opportunities for outreach, trash cleanups, and abatement of illegal dumping. SMCFCFCD staff continued coordinating (i.e., notifying committee of homeless encampment, illegal dumping, vegetation management needs, and graffiti locations) with the CPTF in FY13-14.

SMCFCD is also involved with watershed collaborative efforts in the San Francisquito Creek watershed and Flood Control Zone. SMCFCFCD 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. SMCFCFCD staff attended monthly JPA meetings and provided input on watershed and flooding issues. SMCFCFCD staff also participated in the annual creek walk with other JPA member agency staff to identify areas of trash and debris accumulation.

Permittee Name: San Mateo County Flood Control District

C.7.g. ► Citizen Involvement Events		
List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.		
Event Details	Description	Evaluation of effectiveness
<p>The following involvement event was conducted on a countywide level by SMCWPPP and is described in detail in the Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report:</p> <ul style="list-style-type: none"> Coastal Cleanup Day, September 21, 2013 <p>A representative from SMCFCFD serves on the PIP committee and assisted with planning of citizen involvement events. SMCFCFD staff assisted with Coastal Cleanup Day by posting information on public bulletin boards at the County office building at 555 County Center in Redwood City and the San Francisco Bay Trail signboard along Colma Creek in South San Francisco and on the County Parks website. SMCFCFD staff was a team captain for the Colma Creek site.</p> <p>Additional events are listed below.</p>		
National River Cleanup Day, 5/17/2014, Colma Creek in South San Francisco	Creek cleanup event with public outreach table staffed by SMCFCFD/CEH.	21 volunteers removed 3.7 cubic yards of trash and illegally dumped debris from 0.5 miles of stream. Promoted event by displaying posters on public bulletin boards at 555 County Center in RWC and on San Francisco Bay Trail signboard along Colma Creek in SSF.
Rinat/Pfizer Cleanup Day, 5/14/2014, Colma Creek in South San Francisco	Creek cleanup event with public outreach. Cleanup included an introductory talk on Colma Creek including sources of trash and cleanup efforts by the County biologist.	15 volunteers from a local biotech company (Rinat/Pfizer on Grand Avenue, SSF) removed 4 cubic yards of trash and illegally dumped debris from 0.5 miles of stream.
Colma Creek Volunteer Day - SFSU Restoration Ecology Class Field Trip, 9/22/2013, Colma Creek in South San Francisco.	Creek cleanup and invasive plant removal event with public outreach. Outreach messages included litter reduction and native plants.	Approximately 22 volunteers. The event was well received and resulted in the removal of 1.5 cubic yards of trash and removal of approximately 500 sq. ft. of invasive Algerian sea lavender.

Permittee Name: San Mateo County Flood Control District

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 three school-aged children outreach programs countywide - Banana Slug String Band School Assembly Performances and SMCWPPP Middle School and High School Educational Programs. These programs are summarized in the Public Information and Outreach section of the SMCWPPP FY3-14 Annual Report. These presentations were given at several schools that are located within the watersheds within SMCFCFCD zones.</p> <p>In addition to the school-age children outreach programs listed above, which were conducted by or in coordination with SMCWPPP, County staff and the RecycleWorks Program conducted other stormwater-related outreach to school-aged children. Please see the County of San Mateo FY13-14 Annual Report for additional information.</p>			

Permittee Name: San Mateo County Flood Control District

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary

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

Permittee Name: San Mateo County Flood Control District

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

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 Used⁶⁰

Pesticide Category and Specific Pesticide Used	Amount ⁶¹				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	0	0	0	0	0
Product or Pesticide Type A					
Product or Pesticide Type B					
Pyrethroids	0	0	0	0	0
Product or Pesticide Type X					
Product or Pesticide Type Y					
Carbaryl	0	0	0	0	0
Fipronil	0	0	0	0	0

⁶⁰ Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁶¹ Weight or volume of the product or preferably its active ingredient, using same units for the product each year. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: allethrin, bifenthrin, beta-cyfluthrin, bioallethrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, fenpropathrin, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (d-phenothrin), tau-fluvalinate, tefluthrin, tetramethrin, tralomethrin, cis-permethrin, and zeta-cypermethrin.

Permittee Name: San Mateo County Flood Control District

C.9.c ▶ Train Municipal Employees	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	0
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	N/A
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	N/A

C.9.d ▶ Require Contractors to Implement IPM			
Did your municipality contract with any pesticide service provider in the reporting year?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If yes, attach one of the following:			
<input type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR		
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR		
<input type="checkbox"/>	Equivalent documentation.		
If Not attached , explain:			

C.9.e ▶ Track and Participate in Relevant Regulatory Processes
Summarize participation efforts, information submitted, and how regulatory actions were affected OR reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.
Summary: During FY 13-14, SMCFCFD staff participated in regulatory processes related to pesticides through SMCWPPP, BASMAA and CASQA. For additional information, see the regional report submitted by BASMAA on behalf of all MRP Permittees.

C.9.f ▶ Interface with County Agricultural Commissioners			
Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
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.			

Permittee Name: San Mateo County Flood Control District

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

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

Summary:

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

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

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

Summary:

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

Permittee Name: San Mateo County Flood Control District

Section 10 - Provision C.10 Trash Load Reduction

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

Provide the following:

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

Descriptions of Actions/Tasks (Conducted or Planned):

SMCFCD is required to install one trash boom or two outfall capture devices (minimum 2 ft. diameter outfall) or equivalent measures by July 1, 2014. The SMCFCD has met the minimum full trash capture requirement by the installation of equivalent measures (small full trash capture devices) in the Colma Creek watershed and other areas in the unincorporated County, consistent with Attachment J of the MRP. To establish a level of "equivalent measures", the mean drainage area for 2 ft. diameter outfalls (i.e., the minimum diameter for typical trash outfall capture devices) in the Colma Creek Flood Control Zone (Colma Creek watershed) is approximately 35 acres, and the median is approximately 25 acres. To date, the County has installed 166 full trash capture devices (connector pipe screens or CPS) throughout unincorporated San Mateo County including areas within the Colma Creek watershed. The total treatment area covered by the County's devices is approximately 564 acres (250 acres or 69% of high trash generating areas and 100 acres or 13% of moderate trash generating areas). This far exceeds the combined MRP requirement of minimum full trash capture area for unincorporated San Mateo County (21 acres) and equivalent measures for SMCFCD. Please see C.10 of the County of San Mateo's FY13-14 Annual Report for more detailed full trash capture device location information.

In addition to small full trash capture devices that have been installed throughout the unincorporated County, the SMCFCD has been leading a collaborative effort through the Colma Creek Flood Control Zone Technical Advisory Committee (TAC) to identify priority locations for large full trash capture devices. The TAC includes management and staff from SMCFCD, City of South San Francisco (SSF), Daly City, and the Town of Colma. The TAC is currently reviewing mapping products produced by EOA and Fugro Consulting on behalf of SMCWPPP, which prioritized outfalls and drainages for full trash capture devices based on trash generation rates, and assessing retrofit feasibility for identified priority locations. The prioritization mapping effort in combination with storm drain master planning that is currently underway by SSF will help to identify locations within the Colma Creek Flood Control Zone for additional full trash capture device installation in the future. The TAC will continue to meet on a regular basis and the SMCFCD is committed to continuing this collaborative effort.

Descriptions of Maintenance Activities:

All units are regularly inspected during routine patrols by the County Road Maintenance crews. The level of maintenance needed for full trash capture devices varies by specific location or area depending on the levels of trash, frequency of street sweeping, amount of leaf litter, and the

Permittee Name: San Mateo County Flood Control District

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

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

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

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

Trash Hot Spot	FY 13-14 Cleanup Date	Volume of Trash Removed (cubic yards)				Dominant Type(s) of Trash in FY 2013-14	Trash Sources in FY 2013-14 (where possible)
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14		
SCF01	9/21/2013	2.3	1.2	1.0	0.3	Bottles (plastic or glass), Convenience/Fast Food items, Styrofoam, Aluminum cans, Cigarette butts	Trash accumulation, Illegal dumping, Litter, Outfall
SCF02	10/1/2013	3.0	1.2	1.0	1.3	Bottles (plastic or glass), Convenience/Fast Food items, Aluminum cans, Styrofoam, Paper and cardboard	Outfall, Trash accumulation, Litter
Totals		5.3	2.4	2.0	1.6 *		

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

Permittee Name: San Mateo County Flood Control District

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

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

N/A - Per the MRP, the SMCFCFD, a non-population based permittee, is not subject to Long-Term Trash Load Reduction Plan requirement.

C.10.d ▶ Trash Control Measure Implementation and Assessment

Per the MRP, non-population based permittees are not subject to this trash reduction requirement/provision; however, SMCFCFD staff proactively participated in a variety of countywide and regional trash reduction actions. Highlights of the trash reduction activities that occurred in or were indirectly related to SMCFCFD Flood Control Zones are summarized below.

- Continued implementation of the Colma Creek Maintenance Monitoring Program that was implemented in 2005. The Program involves quarterly inspections (including documentation of trash and illegal dumping) and approximately 10 cleanup events utilizing work force from the Sheriff's Work Program. During this reporting period, the Program organized 11 events at four primary locations along Colma Creek (approximately 23.5 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. SMCFCFD continued to maintain postings on the message board that was installed during FY 11-12 at Colma Creek just upstream from the confluence with the San Francisco Bay near the pedestrian bridge. Postings included 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.
- In collaboration with the City of South San Francisco, SMCFCFD staff hosted and conducted outreach for Coastal Cleanup Day (Colma Creek hot spots) and National Rivers Cleanup Day volunteer cleanup events at Colma Creek (approximately 6 cubic yards of trash and debris removed)
- Conducted trash hot spot cleanup at the San Bruno Creek site (approximately 1.3 cubic yards of trash and debris removed)
- Organized two Colma Creek volunteer events (approximately 5.5 cubic yards of trash and debris removed)
- Conducted San Francisquito Creek Flood Control Zone annual creek walk with JPA, identified priority locations for Coastal Cleanup Day, and assisted with coordination.
- On November 6, 2012, the County Board of Supervisors passed a Reusable Bag Ordinance that became effective on 4/22/2013. The ordinance covers unincorporated areas within the watersheds draining into the four SMCFCFD Flood Control Zones.
- On 3/1/11, the County Board of Supervisors adopted Ordinance No. 04542 prohibiting food vendors from using polystyrene-based disposable food service ware. The ordinance covers unincorporated areas within the watersheds draining into the four SMCFCFD Flood Control Zones.
- DPW/FCD continued partnership and planning with Clean Water Action (CWA) and other Bay Area municipalities (San Jose, San Francisco, South San Francisco, Oakland, Sunnyvale, and Cupertino) for the second phase of the Taking Out the Trash Project (TOTT), now referred to as ReThink Disposable. The project is funded by a grant from US EPA San Francisco Bay Area Water Quality Improvement Fund Grant and local match from participating municipalities. TOTT is a non-regulatory research and outreach project aimed at identifying BMPs for reducing disposable products and packaging in take-out food businesses (fast food, cafes, convenience stores, and other take-out dining

Permittee Name: San Mateo County Flood Control District

establishments). Twelve business audits were completed and involved pre- and post- assessment of amount of disposable product being used in their operations, collection of information detailing how and why they use these products, BMP recommendations, and BMP implementation. The audits were then used to prepare case studies and BMP toolkits. Outreach and self-audits at 50-100 Bay Area businesses, including the Colma Creek watershed, are currently in progress. Outreach has included presentations (i.e., businesses & restaurant associations, chamber of commerce meetings), web and social media postings, and distribution of project-related materials such as case studies, cost benefit analysis information, business BMP toolkit, promotional kits, and self-audit procedure. For more information visit, <http://www.cleanwater.org/ca/rethinkdisposable/> TOTT will continue through March 2015.

Please see Section 7 and 10 of the County of San Mateo FY 13-14 Annual Report for additional trash control measures that were conducted by the County that are not specific to SMCFCFCD flood control zones.

On behalf of the County and SMCFCFCD, SMCWPPP and BASMAA implemented public education and outreach actions at the countywide and regional scales that were targeted at reducing the impacts of trash on local water bodies. For descriptions of these activities, please see Section 7 of the Program's Annual Report.

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ► Mercury Recycling Efforts

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

Please refer to SMCWPPP's FY13-14 Annual Report for details regarding countywide efforts to promote and facilitate collection and recycling of mercury containing devices and equipment at the consumer level through San Mateo County Health Department's Household Hazardous Waste (HHW) Program and Very Small Quantity Generator Business Collection (VSQG) Program.

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

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

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

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

C.11.a.ii ► Mercury Collection

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

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

Please refer to the SMCWPPP FY13-14 Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the SMCWPPP area.

FY 2013-2014 Annual Report

C.11 – Mercury Controls

Permittee Name: San Mateo County Flood Control District

Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps ⁶² (linear feet)	60,122	N/A
CFLs ⁶³ (each)	10,593 (11,587)	N/A
Thermostats ⁶⁴ (each)	9	N/A
Thermostats (lbs)	N/A	N/A
Thermometers (each)	68	N/A
Switches (lbs)	N/A	N/A
Total Mass of Mercury Collected During FY 2013-2014:		N/A

⁶² Only linear fluorescent lamps should be included

⁶³ Only compact fluorescent lamps should be included but linear and u-bend tubes are included (in parentheses)

⁶⁴ Thermostats can be reported by quantity or by pounds. Whichever unit is used, please avoid double-counting.

Permittee Name: San Mateo County Flood Control District

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

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

Summary

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

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

Permittee Name: San Mateo County Flood Control District

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

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

Summary

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

Section 13 - Provision C.13 Copper Controls

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

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

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

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.

Although the SMCFCFD does not have legal authority to require BMPs for management of waste generated from copper architectural features or related enforcement, the County is implementing the measures listed above:

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

Enforcement actions taken against noncompliance – For unincorporated San Mateo County, there were no projects permitted and/or inspected

Permittee Name: San Mateo County Flood Control District

involving construction with architectural copper. Therefore, the County did not take any enforcement action.

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

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

Summary

N/A

The jurisdiction of the SMCFCFCD 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 and County and SMCFCFCD inspection staff are regularly trained.

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

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

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 No , skip to C.15.b.vi.(2):				
If Yes , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.				
Comments:				

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

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

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

Summary:
 SMCFCDD's maintenance activities typically do not involve landscape irrigation. However, the District is currently responsible for maintaining four 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. Please see sections C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of the SMCWPPP FY 13-14 Annual Report for additional information. The County Planning and Building Department makes the above Guidebooks and other materials produced by the Countywide Program available to the public at the front counter of the permit desk. This material was designed to minimize runoff and pollutant loading from excess irrigation within our jurisdiction. These materials were also distributed at the outreach events summarized in C.7 above.

Additionally, multiple outreach efforts were made by DPW RecycleWorks program, County Green Portal, James V. Fitzgerald Area of Special

Permittee Name: San Mateo County Flood Control District

Biological Significance Pollution Reduction Program, and through participation in the Countywide Program's public outreach efforts. Please see the following websites for specific outreach materials:

www.recycleworks.org/compost/index.html

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

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

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

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

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

<http://smchealth.org/asbs>

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System				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 ⁶⁵ (NTU)	Implemented BMPs & Corrective Actions

⁶⁵ 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 ⁶⁶						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) ⁶⁷	pH (standard units) ⁵²	Discharge Turbidity (Visual) ⁵²	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁶⁸	Inspector arrival time	Responding crew arrival time

⁶⁶ This table contains all of the unplanned discharges that occurred in this FY.

⁶⁷ 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.

⁶⁸ 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.