



COUNTY OF SAN MATEO

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September 13, 2013

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 2012/13 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 2012/13 and related accomplishments.

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

Very truly yours,

RCE No. 47882

for

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

AMS:MC:jc

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Attachments: Certification Statement, San Mateo County Flood Control District Annual Report FY 2012-13

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 2012/13 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:



9/12/13

James C. Porter, Director of Public Works

Date

for

ATTACHMENT B

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Permittee Name: San Mateo County Flood Control District

Section 1 – Permittee Information

Background Information				
Permittee Name:	San Mateo County Flood Control District			
Population:	Non-population based Permittee			
NPDES Permit No.:	CAS612008			
Order Number:	R2-2009-0074			
Reporting Time Period (month/year):	July 2012 through June 2013			
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			

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

During FY12-13, 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 15 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).

Please see the C.2 Municipal Operations section of the SMCWPPP FY 12-13 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 FY12-13. 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 FY12-13.	

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 FY12-13.	

Permittee Name: San Mateo County Flood Control District

C.2.d. ► Stormwater Pump Stations

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

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

Complete the following table for dry weather DO monitoring and inspection data for pump 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	7/9/12	6.4	10/16/12	7.4
Walnut Pump Station, 7th Avenue & Walnut Avenue, San Bruno (cont.)	6/27/13	8.2	-	-
Angus Pump Station, 7th Avenue & Angus Avenue, San Bruno	7/9/12	6.3	10/16/12	4.8
Angus Pump Station, 7th Avenue & Angus Avenue, San Bruno (cont.)	6/27/13	4.5	-	-

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 second round of dry season pump station monitoring was conducted on 10/16/12, prior to any significant rainfall. On 1/8/13, the Regional Board sent a Notice of Deficiency letter pertaining to Provision C.2.f. to Bay Area municipalities. In the letter, Regional Board staff commented that "Permittees must inspect their corporation yards before the start of the rainy season, foreseeably *July-September*". Given the recommended timeframe of July-September for Corp Yard inspections, SMCFCFD has since changed the pump station inspection schedule as well to ensure that the two dry weather inspections are conducted by the end of September. An additional dry weather inspection was conducted on 6/27/13 prior to the end of FY 12-13.

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	2/20/13	0.1	No	No	No	No
Walnut Pump Station, 7th Avenue & Walnut	3/20/13	0.1	Yes	No	Low	Low

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	2/20/13	<0.1	No	No	Yes (med)	No	
Angus Pump Station, 7th Avenue & Angus Avenue, San Bruno	3/20/13	<0.1	No	No	Yes (high)	Yes (med)	

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:	

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 (see Comments below)	
<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 (see Comments below)	
<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 FY 12-13 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 12-13 Annual Report includes a description of activities conducted at the countywide or regional level.

C.3.b.v.(2)(c) ► Summary of Green Street Projects Completed by January 1, 2013

(For FY 12-13 Annual Report only) Provide a summary of all green street projects completed by January 1, 2013.

Summary:
BASMAA has prepared a regional summary of all green street pilot projects. The Green Street Pilot Project Summary Report is being submitted by BASMAA, on behalf of the MRP permittees, in BASMAA's MRP FY 12-13 Regional Supplement – New Development and Redevelopment. The Green Streets Pilot Project Summary Report contains all of the required elements listed in Provision C.3.b.v.(2)(c) for all green street projects completed by January 1, 2013, as well as information on projects not yet completed.

C.3.b.v.(1) ► Regulated 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 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. The County Planning & Building Department currently requires 100% LID treatment onsite for all 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.?	X	Yes	No
Comments (optional):			

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	No.
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2013 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	No
If you answered "Yes" to either question, 1) Complete Table C.3.e.vi .below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.			

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:			

Permittee Name: San Mateo County Flood Control District

(3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).			
Summary:			
(4) During the reporting year, did your agency:			
• Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation?	<input type="checkbox"/>	Yes	<input type="checkbox"/>
• Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls? ³	<input type="checkbox"/>	Yes	<input type="checkbox"/>
• Inspect at least 20 percent of the total number of installed vault-based systems?	<input type="checkbox"/>	Yes	<input type="checkbox"/>
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 SMCFCFD 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.

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 SMCFC D 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.

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 SMCFC D 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).

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 SMCFC D 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).

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

N/A

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) 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 SMCFCFCD 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 SMCFCFCD 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.

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

Program Highlights	
Provide background information, highlights, trends, etc.	
The jurisdiction of the SMCFCD is limited to the flood control channels that were constructed and maintained by the District. We do not have legal authority for pollutant control on industrial sites located within the adjacent jurisdictions; however, we do work collaboratively with the adjacent municipalities to address stormwater concerns. For example, information related to any problems observed during the Colma Creek routine quarterly inspections is forwarded to the adjacent municipalities' enforcement staff for follow-up action. SMCFCD staff also review environmental compliance documents for proposed development projects within SMCFCD 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
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.	
		Number Percent
Number of businesses inspected		
Total number of inspections conducted		
Number of violations (excluding verbal warnings)		

Sites inspected in violation (1 of 124)		
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner		

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	

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. **Do not leave any cells blank.**

	Enforcement Action (as listed in the 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. **Do not leave any cells blank.**

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

C.4.c.iii.(4) ► Non-Filers N/A

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

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.

C.4.d.iii ► Staff Training Summary

N/A

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

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

Program Highlights

Provide background information, highlights, trends, etc.

The jurisdiction of the SMCFCD is limited to the flood control channels that were constructed and maintained by the District. We do not have legal authority to prohibit and control illicit discharges and implement enforcement within the adjacent jurisdictions. However, SMCFCD and County staff continued to attend and participate in the SMCWPPP TAC and CII Subcommittee meetings where Illicit Discharge Detection and Elimination objectives were discussed regularly, and we continued to work collaboratively with the adjacent municipalities to address illicit discharges and other stormwater concerns.

The SMCFCD 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 SMCFCD staff) pertaining to illicit discharges outside of SMCFCD 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 SMCFCD'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 calls or complaints were received during FY12-13.

Please see the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 12-13 Annual Report for a description of activities conducted at the countywide or regional level.

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

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

Contact	Description	Phone Number
San Mateo County Emergency Response Team	Activated through local fire departments through 911	911
Department of Public Works Road Maintenance Division - Steve Fischer	Road Manager to send out crews to respond to complaint during working hours	(650) 363-4103
Department of Public Works Emergency Response	Call On-Duty Road Supervisor to respond to complaint during after hours	(650) 363-4100
Environmental Health	For Spills involving Hazardous Material	(650) 372-6200
Environmental Health – Patrick Ledesma	Illicit Discharge Coordinator	(650) 372-6241
San Mateo County Flood Control District – Julie	Illicit Discharge Coordinator	(650) 599-1457

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Casagrande		
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.

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.

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	

There were no spill or discharge complaints within the SMCFCFD jurisdiction reported to the CEH (including HazMat and California Emergency Management Agency calls) and DPW spill/complaint tracking system.

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

There were no spill or discharge complaints within the SMCFCFD jurisdiction reported to the CEH (including HazMat and California Emergency Management Agency calls) and DPW spill/complaint tracking system.

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 12-13, 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:		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		N/A	
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			

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.

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

N/A

	Enforcement Action (as listed in ERP) ⁵⁴	Number Enforcement Actions Issued	% Enforcement Actions Issued ⁵⁵
Level 1 ⁵⁶			
Level 2			
Level 3			
Level 4			
Total			

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)	

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.

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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)			
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)			
Total number of violations (excluding verbal warnings) for the reporting year ⁵⁷			
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 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.

C.6.f ► Staff Training Summary				
Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Pre-Wet Season Training for Building Inspectors	9/25/2012	Use of Construction Site Inspection Report and Tracking using Excel Spreadsheet	6 County staff attended including 5 P&B inspectors	26%
CALBIG Construction Site Stormwater Compliance	10/10/2012	Update on new stormwater requirements for construction sites, overview of proper installation of construction BMPs, and tips for keeping your stormwater program in compliance	6 County staff attended including 1 DPW inspector	5%
SMCWPPP Stormwater Training for Construction Site Inspectors (Inspecting Construction BMPs and Permanent Stormwater Controls)	4/11/2013	C.6 requirements, CalTrans BMP and Inspection Program, SMCWPPP Checklist, Construction Site BMPs, Example Construction Site Inspection Exercises, and Permanent Stormwater Control MRP requirements, O&M, and Inspections	26 County staff attended including all DPW Inspectors and 3 of the 6 P&B Inspectors	84%
SMCWPPP Stormwater Training for Improving the Development Review Process	5/22/2013	Improving the Development Review Process	5 County staff attended	0%
Planning & Building and DPW ERP Trainings	5/30/2013, 6/20/2013	Construction Site Inspection Process, ERP, and Reporting	33 County staff attended ERP training including 15 DPW and P&B inspectors	79%

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

C.7.a ► Storm Drain Inlet Marking (existing storm drains)

(For FY 12-13 Annual Report only) Report prior years' estimated annual percentages of municipality maintained storm drain inlet markings inspected and maintained as legible with a no dumping message or equivalent. At least 80% of municipality-maintained storm drain inlet markings shall be inspected and maintained at least once per 5-year permit term.

Summary:

There are no storm drain inlets maintained by the SMCFCFD. Storm drain inlets leading to the flood control channels maintained by the SMCFCFD are the responsibility of the adjacent municipality.

C.7.a ► Storm Drain Inlet Marking (newly-constructed, privately-maintained streets)

(For FY 12-13 Annual Report only) Report prior years' annual number of projects accepted after inlet markings were verified. For newly-approved, privately-maintained streets, permittees shall require inlet marking by the project developer upon construction and maintenance of markings through the development maintenance entity. Markings shall be verified prior to acceptance of the project.

Summary: N/A

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 media relations efforts conducted regionally during FY 12-13:

- BASMAA Media Relations Final Report FY 12-13

This report and any other media relations efforts conducted countywide is included within the Public Information and Outreach section of the SMCWPPP FY 12-13 Annual Report.

During the Spring 2013, the County DPW RecycleWorks Program (Recycle Works) produced a movie ad to discourage illegal dumping in the County. The RecycleWorks Litter Reduction Movie Ad was shown from 4/12/13-5/9/13 in 4 theatres (Century Theatres – RWC, San Bruno, Daly City, San Mateo) 296,348 impressions

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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:

The following separate report developed by BASMAA summarizes any pre-campaign survey conducted in FY 12-13:

- BASMAA Be the Street Youth Litter Campaign Report

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

	Survey report attached
X	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 regionally during FY 12-13:

- BASMAA Media Relations Final Report FY 12-13

This report and any other media relations efforts conducted countywide is included within the Public Information and Outreach section of the SMCWPPP FY 12-13 Annual Report.

During the Spring 2013, Recycle Works produced a movie ad to discourage illegal dumping in the County. The RecycleWorks Litter Reduction Movie Ad was shown from 4/12/13-5/9/13 in 4 theatres (Century Theatres – RWC, San Bruno, Daly City, San Mateo) 296,348 impressions

C.7.d ► Stormwater Point of Contact

Provide details of website or phone number used as the point of contact. Report on how the point of contact is publicized and maintained. If any change occurs in this contact, report in a subsequent Annual Report.

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

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the Public Information and Outreach section of the SMCWPPP FY 12-13 Annual Report.

C.7.e ► Public Outreach Events

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

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 12-13 Annual Report:

- California Coastal Cleanup Day in San Mateo County, September 15, 2012
- San Mateo County Fair, June 8-16, 2013

SMCFCD staff assisted with these 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. SMCFCFCD helped staff the County fair booth on 6/13/2013. SMCFCFCD staff was a team captain at the Colma Creek Coastal Cleanup Day site. Additional events are listed below.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
National River Cleanup Day, 5/18/2013, Colma Creek in South San Francisco	Creek cleanup event with public outreach table staffed by SMCWPPP/CEH.	50 volunteers removed 6 cubic yards of trash and illegally dumped debris from 0.5 miles of stream. Donations and employee participation from Bimbo Bakeries (Oroweat), a local South San Francisco business. 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, 6/19/2013, Colma Creek in South San Francisco	Creek cleanup event with public outreach table. Cleanup included an introductory talk on Colma Creek including sources of trash and cleanup efforts by the County biologist.	25 volunteers from a local biotech company (Rinat/Pfizer on Grand Avenue, SSF) removed 8.3 cubic yards of trash and illegally dumped debris from 0.5 miles of stream.
Colma Creek Volunteer Day, 11/3/2012	Creek cleanup and planting event with public outreach. Outreach messages included litter reduction and native plants.	Approximately 25 volunteers. The event was well received and resulted in the removal of 3 bags of litter and debris, planting of 165 native plants, and removal of approximately 200 sq. ft. of ice plant.
South San Francisco Community Preservation	Public presentation related to Colma Creek	25 minute presentation; 8 people in

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<p>Task Force Meeting, 5/8/2013, South San Francisco</p>	<p>and pollution prevention activities.</p>	<p>attendance; presentation focused on trash, pollution, County's litter cleanup efforts in the Colma Creek watershed, upcoming volunteer opportunities, and cleanup and abatement of homeless encampments along the creek; presentation was well-received.</p>
<p>In addition to the public outreaches 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 12-13 Annual Report for additional information.</p>		

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 12-13 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. Additional watershed stewardship efforts conducted by SMCFCFCD staff are summarized below.

SMCFCD staff continued participation in multiple watershed stewardship programs overseen by the San Mateo Resource Conservation District (RCD) including the Pilarcitos Creek Restoration Workgroup, Integrated Watershed Restoration Program (IWRP) & Rural Roads Erosion Control Technical Assistance Program, and Livestock and Lands Program. SMCFCFCD staff serve on the TAC committees for these RCD-led groups and actively participate in watershed stewardship efforts by attending meetings and reviewing key documents.

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.

In FY 10-11, SMCFCFCD staff began participating in the South San Francisco Community Preservation Task Force by providing annual presentations of

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SMCFCD Colma Creek activities and sharing ideas and opportunities for outreach, trash cleanups, and abatement of illegal dumping. SMCFCFCD staff continued these collaboration efforts in FY 12-13.

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.

C.7.g. ► Citizen Involvement Events

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

The following involvement 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 12-13 Annual Report:

- California Coastal Cleanup Day in San Mateo County, September 15, 2012

A representative from SMCFCFCD serves on the PIP committee and assisted with planning of citizen involvement events. SMCFCFCD 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. SMCFCFCD staff was a team captain for the Colma Creek site.

Additional events are listed below.

Event Details	Description	Evaluation of effectiveness
National River Cleanup Day, 5/18/2013, Colma Creek in South San Francisco	Creek cleanup event with public outreach table staffed by SMCWPPP/Environmental Health.	50 volunteers removed 6 cubic yards of trash and illegally dumped debris from 0.5 miles of stream. Donations and employee participation from Bimbo Bakeries (Oroweat), a local South San Francisco business. 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, 6/19/2013, Colma Creek in South San Francisco	Creek cleanup event with public outreach table. Cleanup included an introductory talk on Colma Creek including sources of trash and	25 volunteers from a local biotech company (Rinat/Pfizer on Grand Avenue, SSF) removed 8.3 cubic yards of trash and illegally dumped

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	cleanup efforts by the County biologist.	debris from 0.5 miles of stream.
Colma Creek Volunteer Day, 11/3/2012, Colma Creek in South San Francisco	Creek cleanup and planting event with public outreach. Outreach messages included litter reduction and native plants.	Approximately 25 volunteers. The event was well received and resulted in the removal of 3 bags of litter and debris, planting of 165 native plants, and removal of approximately 200 sq. ft. of ice plant.

C.7.h. ► School-Age Children Outreach

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

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
<p>SMCWPPP conducted two school-aged children outreach programs countywide - Banana Slug String Band School Assembly Performances and SMCWPPP High School Outreach. These programs are summarized in the Public Information and Outreach section of the SMCWPPP FY 12-13 Annual Report. These presentations were given at several schools that are located within the watersheds within SMCFCFD 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 FY 12-13 Annual Report for additional information. Two of the RecycleWorks-led outreach programs are detailed below.</p>			
Recycleworks Litter Collection Event Lesson Plan for grades 3 through 12	Lesson plan teaching students to identify various types of litter, list the various items that can be landfilled, composted or recycled, explain approximately how long it takes various types of items (litter) to decompose, and explain the effects that litter has on an ecosystem. Lesson plan is designed to encourage students to take action to prevent littering.	Twelve teachers trained at workshop and additional teachers reached through website posting.	RecycleWorks provided one teacher training on the Litter Collection Event Lesson Plan at a workshop that was held at the Spring Science Technology Engineering and Math (STEM) Resource Fair at the San Mateo County Office of Education. The Lesson Plan is also available to all teachers on the RecycleWorks website at: http://www.recycleworks.org/schools/litter_collection.html .
Be Seen Keepin It Clean RecycleWorks and Safe Routes to School walk and litter clean-up	County students walked to school alongside family members, teachers, community enthusiasts, and community leaders for the event. Walking groups picked up litter on their trek to school.	40 Schools participated	Schools participated in the walk to school Be Seen Keepin it Clean event, which began on April 19, 2013. Approximately 730 bags of litter and recyclables were picked up.

C.7.i. ► Outreach to Municipal Officials

(For FY 12-13 Annual Report only) Summarize outreach conducted to increase the overall awareness of stormwater and/or watershed messages among municipal officials.

Summary:

Recent Countywide Recycling meetings have been designed to integrate stormwater, recycling, and solid waste reduction efforts. The past four quarterly meetings (5/16/2012, 11/14/2012, 3/20/2013, and 5/8/2013) were attended by municipal staff and officials from throughout the County as well as recycling and hauling companies. Topics have been focused on strategy development (i.e., bans, enforcement, recycling, illegal dumping and litter reduction) for meeting long-term trash and solid waste reduction goals.

Since the adoption of the MRP, SMCFCD staff has periodically briefed the County Manager’s Office and members of the Board of Supervisor on important stormwater-related issues. A recent focus has been meeting the MRP’s trash reduction goals (i.e., bag ban, addressing illegal dumping, and development of trash rates and identification of trash management areas). Packets that highlighted water quality issues and stormwater regulations were provided to new Board of Supervisor members

SMCFCD staff also attend meetings of the Colma Creek Flood Control Zone Citizens Advisory Committee, which is comprised of appointed members representing the cities that are located within the Colma Creek Watershed and their citizens. The Colma Creek Flood Control Zone Citizens Advisory Committee meets quarterly. The agendas regularly include stormwater-related topics such as the MRP requirements, trash reduction efforts, and maintenance activities.

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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 12-13, the County contributed through SMCWPPP's participation to the BASMAA Regional Monitoring Coalition (RMC). In addition, the County and SMCFCD 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 SMCWPPP, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the SMCWPPP FY 12-13 Annual Report.

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Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.b ► Implement IPM Policy or Ordinance

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 Used⁵⁸

Pesticide Category and Specific Pesticide Used	Amount ⁵⁹				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	0	0	0	0	
Product or Pesticide Type A					
Product or Pesticide Type B					
Pyrethroids	0	0	0	0	
Product or Pesticide Type X					
Product or Pesticide Type Y					
Carbaryl	0	0	0	0	
Fipronil	0	0	0	0	

⁵⁸Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁵⁹Weight 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 (D-allethrin), bioallethrin, bifenthrin, beta-cyfluthrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (D-phenothrin), tau fluvalinate, tefluthrin, tetramethrin, tralomethrin, and zeta-cypermethrin (S-cypermethrin).

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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. During the past 3 years, a total of twenty-three DPW Roads and Parks Division employees have received training on IPM.	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 12-13, we participated in regulatory processes related to pesticides through contributions to SMCWPPP, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees and included as an appendix to the SMCWPPP Annual Report.

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.				

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C.9.g. ► Evaluate Implementation of Source Control Actions Relating to pesticides

(For FY 12-13 Annual Report only) Submit a report that evaluates; 1) the effectiveness of control measures implemented, and 2) attainment of pesticide concentration and toxicity targets for water and sediment from monitoring data (Provision C.8.). If needed, the report should include the following:

- Improvements to existing control measures and/or additional control measures required.
- A plan to implement improved and/or new control measures.

Summary:

The Effectiveness Evaluation Report is included in Section C.9 Pesticides Toxicity Control of the SMCWPPP FY 12-13 Annual Report.

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:

The following reports developed by SMCWPPP and BASMAA summarize point of purchase outreach efforts on a countywide and regional level:

- SMCWPPP FY 12-13 Annual Report, Public Information and Outreach section
- BASMAA FY 12-13 "Our Water Our World" report

C.9.h.iv ► Pest Control Contracting Outreach

(For FY 12-13 Annual Report only) Document effectiveness of outreach to residents who use or contract for structural or landscape pest control **OR** reference a regional that summarizes these actions.

Summary:

Efforts to conduct outreach at the countywide level related to pest control contracting are summarized in the SMCWPPP FY 12-13 Annual Report, C.9 Pesticides Toxicity Control section.

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:

Efforts to conduct outreach at the countywide level to pest control operators to reduce pesticide use are summarized in the SMCWPPP FY 12-13 Annual Report, C.9 Pesticides Toxicity Control section.

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Response to Water Board Staff Comments on Section 9, Provision C.9, of FY 11-12 Annual Report

Use this area to respond to any Water Board staff comments on Section 9 of your FY 11-12 Annual Report, and refer to any required submittals that are attached.

The revised IPM policy was adopted by the County Board of Supervisors on July 24, 2012 (Resolution and IPM policy were submitted to the Regional Board as an attachment to the FY11_12 Annual Report).

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.iii ► Minimum Full Trash Capture (Summary of Actions)

Provide the following:

- 1) Descriptions of actions/tasks initiated, conducted or completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014), including numbers of devices, device types and total land area treated to-date by full capture devices;
- 2) Descriptions of planned actions/tasks and time schedules for completion;
- 3) A map that includes locations of all full capture devices installed (private and public) to-date and associated treatment areas, trash generation rates/areas, creek/shoreline trash hot spots, and trash management areas defined to-date.
- 4) A summary of maintenance activities implemented for each device or groups of devices, 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 or equivalent measures by July 1, 2014. To date, the County has installed ninety-one full trash capture devices throughout unincorporated San Mateo County with funding provided through the Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership. Fourteen of the devices have been installed within the Colma Creek watershed in the Colma Creek Flood Control Zone. The treatment area for the devices is approximately 15.6 acres. The devices, Connector Pipe Screens (CPS) with Auto-Retractable Curb Inlet Screens (ARS), are located in the unincorporated Colma area, which has been designated as a priority trash management area for the County (SMC3). Please see the Full Trash Capture Device Map included as Attachment C.10 for detailed location information. The cluster of devices within the Colma Creek watershed is located in the Hillside Blvd area, just south of Market St. The Road Maintenance crews clean out the units approximately every other month with a Vac-Con truck. They also hand sweep in front of the auto-retractable screens, prior to and/or during storms on an as-needed basis.

During FY 12-13, SMCFCFD staff continued investigating potential full trash capture device locations within the Colma Creek watershed, device selection, feasibility, and cost. Planning efforts included convening the Colma Creek Flood Control Zone Technical Advisory Committee to discuss preferred options and locations and opportunities for multi-agency collaboration on a larger full trash capture device system. The meeting was held on 6/11/2013 and was attended by the SMCWPPP Program Manager, EOA staff, and management and staff from the SMCFCFD, Daly City, Town of Colma, and City of South San Francisco. Action items that were identified in the meeting: delineation of drainage areas for large outfalls into the Colma Creek, investigation into feasibility of retrofitting existing pump stations, review of SMCFCFD R/W limits along the flood control channel, and review of larger devices that have been implemented elsewhere in the Bay Area. A follow-up meeting will be scheduled for late Summer/early Fall 2013.

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C.10.a.iii ► Minimum Full Trash Capture (List of Devices)					
Provide a list of trash full capture devices installed to-date or planned for installation by July 1, 2014 and the land area treated by each device or group of devices.					
Applicable Trash Management Area (Preliminary Map ID)	Device Type	Planned or Installed	Maintenance Frequency	Total Number Installed	Total Area Treated (acres)
3 (Unincorporated Colma)	Connector Pipe Screen	Installed	Every other month	14	15.6
Totals				14	15.6

C.10.b.iii ► Trash Hot Spot Assessment						
Provide the volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible. Additionally, include a map that identifies the location(s) of trash hot spots.						
Trash Hot Spot	Cleanup Date	FY 2012-13 Volume of Trash Removed (cubic yards)	FY 2011-12 Volume of Trash Removed (cubic yards)	FY 2010-11 Volume of Trash Removed (cubic yards)	Dominant Type(s) of Trash	Trash Sources (where possible)
SCF01 (Colma Creek at Utah Ave)	9/15/2012	1.00	1.20	2.25	Other, Styrofoam, Yard waste (incl. trees), Convenience/Fast Food items, Cigarette butts	Litter, Illegal dumping, Outfall, Other
SCF02 (San Bruno Creek at North Access Rd)	10/8/2012	1.00	1.20	3.00	Bottles (plastic or glass), Convenience/Fast Food items, Plastic Bags, Spray paint cans, Cigarette butts	Trash accumulation, Litter
Totals:		2.00	2.40	5.25		

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

Provide descriptions of the progress made to-date on the development of Long-term Trash Load Reduction Plans due to the Water Board by February 1, 2014.

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

Long-Term Plan Task	Summary of Progress
1. Identifying and mapping trash generating areas	N/A
2. Identifying trash sources (as necessary or feasible) to assist in selecting trash management actions	N/A
3. Prioritizing trash generating areas and associated types of trash problems	N/A
4. Identifying and selecting trash management actions for specific management areas	N/A
5. Defining the type of assessment(s) that will be used to demonstrate progress towards goals	N/A

C.10.d ► Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

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 15 events (11 SWP days and 4 volunteer events at four primary locations along Colma Creek (approximately 70 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 20 cubic yards of trash and debris removed)
- Conducted trash hot spot cleanups at the San Bruno Creek site (approximately 1.0 cubic yards of trash and debris removed)
- Organized two Colma Creek volunteer events (approximately 9 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.
- DPW/SMCFCFD continued partnership and planning with Clean Water Action (CWA) and other Bay Area municipalities (San Jose, San Francisco, South San Francisco, and Oakland) for the second phase of the Taking Out the Trash Project (TOTT). The project is funded by a grant from US EPA San Francisco Bay Area Water Quality Improvement Fund Grant and local match from participating municipalities. TOTT is a non-regulatory research and outreach project aimed at identifying BMPs for reducing disposable products and packaging in take-out food businesses (fast food, cafes, convenience stores, and other take-out dining establishments). The SMCFCFD provides in-kind staff support for business identification & planning and leveraging via existing County programs. Twelve business audits are currently underway and involve pre- and post- assessment of amount of disposable products being used in their operations, collection of information detailing how and why they use these products, BMP recommendations, and BMP implementation. The audits are being used to prepare case studies by business type. The second phase of the project will involve outreach and self-audits at 50-100 bay area businesses, including businesses within the Colma Creek watershed. Outreach will include presentations to groups (i.e., businesses & restaurant associations, chamber of

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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. TOTT project activities are anticipated to continue through March 2015.

- As part of the Be Seen Keeping It Clean and Safe Routes to School Program, Recycle Works organized an Earth Day school cleanup event. Forty schools participated, with students, families, and other community members collecting litter on their walks to school. Approximately 730 bags of litter and recyclables were picked up. Several of the schools were located within SMCFCFD flood control zones.
- During this reporting period, RecycleWorks coordinated three Countywide Recycling Committee meetings (11/14/2012, 3/20/2013, and 5/8/2013) with staff from SMCWPPP to collaborate and create solutions on issues related to litter, covered loads, and trash haulers. Meeting minutes are included in Attachment C.7 of the County Annual Report.

The SMCFCFD, through participation in SMCWPPP, implemented the following public education and outreach control measures prior to the effective date of the MRP and has continued to implement these measures since MRP adoption.

SMCWPPP Public Information and Participation Program (Countywide)

Through participation and funding of the SMCWPPP Public Information and Participation program (PIP), the SMCFCFD plans to continue implementing litter reduction outreach to school-age children and youth. SMCWPPP currently oversees a contract to provide direct outreach to grades K-5 in a school setting on behalf of all permittees. The contract is currently held by the Banana Slug String Band, which performs a presentation called “We All Live Downstream.” Through songs and interactive exercises, the message of not putting anything in the storm drains (including trash) is delivered, along with basic concepts of the water cycle and the impact of pollution on aquatic life. In addition, SMCWPPP has developed a presentation entitled “Water Pollution Prevention: Problems and Solutions that is delivered to high school students. This presentation is dedicated to watershed and storm drain education, and the impact of litter on local creeks and waterways. Both efforts are managed to ensure that schools in each community in the County are reached. For communities without High Schools, the feeder schools in neighboring communities are specifically targeted for presentations. In addition to outreach at the school sites, a number of student activity guides and coloring books related to watershed health and littering are provided to children who attend outreach events. Schools are also directly targeted in promotion of Coastal Cleanup Day.

PIP also participates in a regional anti-littering campaign developed by BASMAA targeted at youth ages 14 to 24. As acting chair of the BASMAA PIP committee, SMCWPPP PIP has participated in the development and dissemination of campaign materials, and has conducted local events on behalf of all jurisdictions to promote the campaign. The campaign, entitled “Be The Street You Want to See”, will soon transition from building a community of youth dedicated to not littering to engaging that community in action.

SMCWPPP, through its PIP program, plans to continue to conduct community outreach events on behalf of Permittees who request support. Outreach materials related to litter that are distributed include, in addition to the children’s materials listed above under Outreach to School-age Children or Youth, a promotional sign for cigarette smokers to discourage cigarette litter, and pocket ashtrays are given out. A general stormwater pollution prevention flyer in English and Spanish that includes litter reduction in its messaging is distributed. In addition to table outreach events conducted for specific Permittees, PIP also conducts a Countywide Event aimed to reach residents from throughout the County. PIP manages an online calendar which promotes cleanup events by non-profit organizations throughout the County. In FY 2012, PIP completed its 7th year acting as the county coordinator for Coastal Cleanup Day, increasing volunteer participation by 400% in that time, and trash removal increased by 300%.

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During the term of the MRP, new outreach materials have been disseminated to the public, including reusable shopping bags to encourage reduction in use of plastic carryout bags. PIP has supported a countywide ban on carryout bags that began implementation on April 22, 2013. In addition, spring cleanups taking place in individual jurisdictions are promoted under one theme by PIP, entitled Spring Cleaning SMC. PIP assists in directing volunteers to cleanup events in their communities. SMCWPPP conducted a total of 11 outreach events on behalf of various jurisdictions within the County in the 2012-13 fiscal year. SMCWPPP will also continue maintaining an online calendar of cleanups on a monthly basis. In addition to using the SMCWPPP website, flowstobay.org, to promote cleanups, PIP is actively involved in social media platforms such as Facebook, Twitter, YouTube, and Instagram to deliver anti-littering and cleanup messages.

Coastal Cleanup Day Promotion (Countywide)

On the countywide level, SMCWPPP also conducts annual press releases for Coastal Cleanup Day, and uses Twitter to promote cleanup events. These releases are intended to gain support and assistance for cleanup events conducted each September in local water bodies.

BASMAA Regional Media Relations Project (Regional)

Through participation and funding of the **BASMAA Regional Media Relations Project**, the SMCFCFD is continuing to implement a media relations project partially designed to reduce littering from target audiences in the Bay Area. The goal of the BASMAA Media Relations Project is to generate media coverage that encourages individuals to adopt behavior changes to prevent water pollution, including littering. At least two press releases or PSAs focus on litter issues each year (e.g., creek clean-up activities, preventing litter by using reusable containers, etc.). In FY 12-13, the Media Relations project developed a press release new and recent bag bans in cities around the region. The pitch included information on the litter caused by plastic bags. Information ran on KBAY, KCBS and on eight Bay Area Patch.com sites.

In addition to the control measures continued post-MRP adoption, the SMCFCFD is currently implementing or planning to implement the following public education and outreach control measures that were initiated after the MRP was adopted.

BASMAA Youth Outreach Campaign (Regional)

Through participation and funding of the regional **BASMAA Youth Outreach Campaign**, the SMCFCFD is implementing an outreach campaign designed to reduce littering from the target audience in the Bay Area. The Youth Outreach Campaign was launched in September 2011 and aims to increase the awareness of Bay Area Youth (ages 16-24) on litter and stormwater pollution issues, and eventually change their littering behaviors. Combining the ideas of Community Based Social Marketing with traditional advertising, the Youth Campaign aims to engage youth to enable the peer-to-peer distribution of Campaign messages. The Campaign will at least run through FY 13-14. A brief description of the Campaign activities is provided below:

- Raising Awareness: The Campaign is raising awareness of the target audience on litter and stormwater pollution issues. Partnerships with youth commissions, high schools, and other youth focused organizations have been developed to reach the target audience. Messages targeted to youth have been created and distributed via paid advertising, email marketing, Campaign website and social networking sites (e.g., Facebook and Twitter).
- Engage the Youth - The advertisements encourage the audience to participate in the Youth Campaign by joining a Facebook page, entering a contest, taking an online quiz, etc., and providing their contact information. At the beginning of FY 12-13, a video contest was

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launched to get Bay Area youth further involved in the Campaign. An online voting system was used to select the winning entry. Media advertising was conducted to promote the winning entry.

- o Change Behaviors: To move the audience along the behavior change continuum, the Campaign is using electronic platforms such as email marketing and social networking sites to encourage participants to engage in increasingly more difficult behavior changes, such as participating in a clean-up, organizing a clean-up, etc.
- o Maintain Engagement: The Campaign continues to interact with the target audience through email marketing and social media websites.

The Youth Campaign includes a pre and post campaign survey to evaluate the effectiveness of outreach. The pre-campaign survey was conducted in FY 11-12 and the post campaign survey will begin in FY 13-14. Other evaluation mechanisms, such as website hits, number of youth engaged in the Campaign's social networking website, etc. are also being used to evaluate its effectiveness in increasing awareness and changing behavior.

Activities in FY 12-13 included maintaining the website www.BetheStreet.org, Facebook page, and Instagram account. A video contest asking participants to submit their best anti-litter video was also conducted. The Be the Street campaign received 52 entries in response to the contest. The winning video was promoted on television, Pandora (online music site), YouTube, Google, and Facebook.

Please see Sections C.7 and C.10 of the SMCWPPP FY 12-13 Annual Report for more detail on trash reduction-related outreach conducted at the program-wide level.

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ► Mercury Recycling Efforts

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

County EH operates Household Hazardous Waste (HHW) and Very Small Quantity Generator (VSQG) programs which assisted in the collection of 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 13,703 households and 269 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: <http://smchealth.org/hhw> and <http://www.recycleworks.org/toxics/index.html> and http://www.flowstobay.org/cs_too_toxic.php. These programs promote HHW drop-off events. These programs also provide information on local businesses (such as Home Depot, Lowe’s, IKEA, Orchard Supply Hardware) that offer 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.org) 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, County EH operates HHW and VSQG programs which assisted in the collection of mercury from residents and small businesses throughout the County, including fluorescent lamps, compact fluorescent lamps, as well as thermostats and other mercury containing devices. County programs assisted approximately 13,703 households and 269 businesses throughout the County in disposing of their unwanted HHW.

Please refer to the SMCWPPP FY 12-13 Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the SMCWPPP area.

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Mercury Containing Device/Equipment	Total Amount of Devices Collected ⁶⁰	Estimated Mass of Mercury Collected
Fluorescent Lamps ⁶¹ (linear feet)	75,698	N/A
CFLs ⁶² (each)	7,646	N/A
Thermostats ⁶³ (each)	14	N/A
Thermostats (lbs)	N/A	N/A
Thermometers (each)	238	N/A
Switches (lbs)	32	N/A
Total Mass of Mercury Collected During FY 2012-2013:		N/A

⁶⁰Amounts are based on doubling the data for the second half of FY 12-13 because specific data were not collected for the first half of the fiscal year.

⁶¹Only linear fluorescent lamps should be included

⁶² Only compact fluorescent lamps should be included; however, a number of circular and u-bend lights are included

⁶³Thermostats can be reported by quantity or by pounds. Whichever unit is used, please avoid double-counting.

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

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

A summary of SMCWPPP and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of the SMCWPPP FY 12-13 Annual Report and the BASMAA Regional POC Report.

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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 SMCFCD is limited to the flood control channels that were constructed and maintained by the District. We do not have legal authority for pollutant control on industrial sites located within the adjacent jurisdictions; however, we do work collaboratively with the adjacent municipalities to address stormwater concerns.

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.

A summary of SMCWPPP and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of the SMCWPPP FY 12-13 Annual Report and the BASMAA Regional POC Report.

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, SMCFCFD staff have participated in Countywide Program efforts (e.g., municipal staff training, development of BMP fact sheet), provided information developed by the Countywide Program on the County's NPDES webpage and at the public counter to educate homeowners and developers regarding proper treatment and cleaning of architectural copper, and provided training to building inspectors regarding applicable BMPs.

C.13.a.iii.(3) ▶ Evaluation of Effectiveness

(FY 12-13 Annual Report) Evaluate the effectiveness of measures the agency has undertaken to prevent discharge of wastewater to storm drains during the installation, cleaning, treating, and washing of the surface of copper architectural features. The discussion of the effectiveness of these measures should include BMP implementation and may propose additional measures to address this source of pollutants.

N/A

C.13.c ▶ Vehicle Brake Pads

A summary of SMCWPPP's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of the SMCWPPP FY 12-13 Annual Report and the BASMAA Regional POC Report.

C.13.c.iii ▶ Water Quality Issues Associated with Automobile Brake Pads

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An assessment of copper water quality issues associated with automobile brake pads and recommend brake-pad related actions for inclusion in subsequent permits is included within the C.13 Copper Controls section of the SMCWPPP FY 12-13 Annual Report and the BASMAA Regional POC Report.

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

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

Summary

N/A The jurisdiction of the SMCFCFD is limited to the flood control channels that were constructed and maintained by the District. We do not have legal authority for pollutant control on industrial sites located within the adjacent jurisdictions; however, we do work collaboratively with the adjacent municipalities to address stormwater concerns.

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

A summary of the regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of the SMCWPPP FY 12-13 Annual Report and BASMAA Regional POC Report.

Summary

A summary of the SMCWPPP and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of the SMCWPPP FY 12-13 Annual Report and/or BASMAA Regional POC Report.

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

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

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

Summary

A summary of SMCWPPP and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of the SMCWPPP FY 12-13 Annual Report and/or BASMAA Regional POC Report.

C.14.a.v. ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls – Load Computation

(For FY 12-13 Annual Report only) Submit a report with information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay.

Summary

Information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay is included within the C.14 PBDE, Legacy Pesticides and Selenium section of the SMCWPPP FY 12-13 Annual Report and/or BASMAA Regional POC Report.

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

(For FY 12-13 Annual Report only) Submit a report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff.

Summary

A report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff is included within the C.14 PBDE, Legacy Pesticides and Selenium section of the SMCWPPP FY 12-13 Annual Report and/or BASMAA Regional POC Report.

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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 12-13 Annual Report for additional information. The County Building Department makes the above Guidebooks and other materials produced by the Countywide Program available to the public at the front counter of the permit desk. This material was designed to minimize runoff and pollutant loading from excess irrigation within our jurisdiction. These materials were also distributed at the outreach events summarized in C.7 above.

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

Permittee Name: San Mateo County Flood Control District

www.recycleworks.org/compost/index.html
www.co.sanmateo.ca.us/portal/site/greenportal
www.flowstobay.org/cs_yard_garden.php
www.flowstobay.org/cs_pest_control.php
www.flowstobay.org/cs_outreach.php
www.flowstobay.org/cs_request_materials.php

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

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 ⁶⁴ (NTU)	Implemented BMPs & Corrective Actions

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System⁶⁵

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

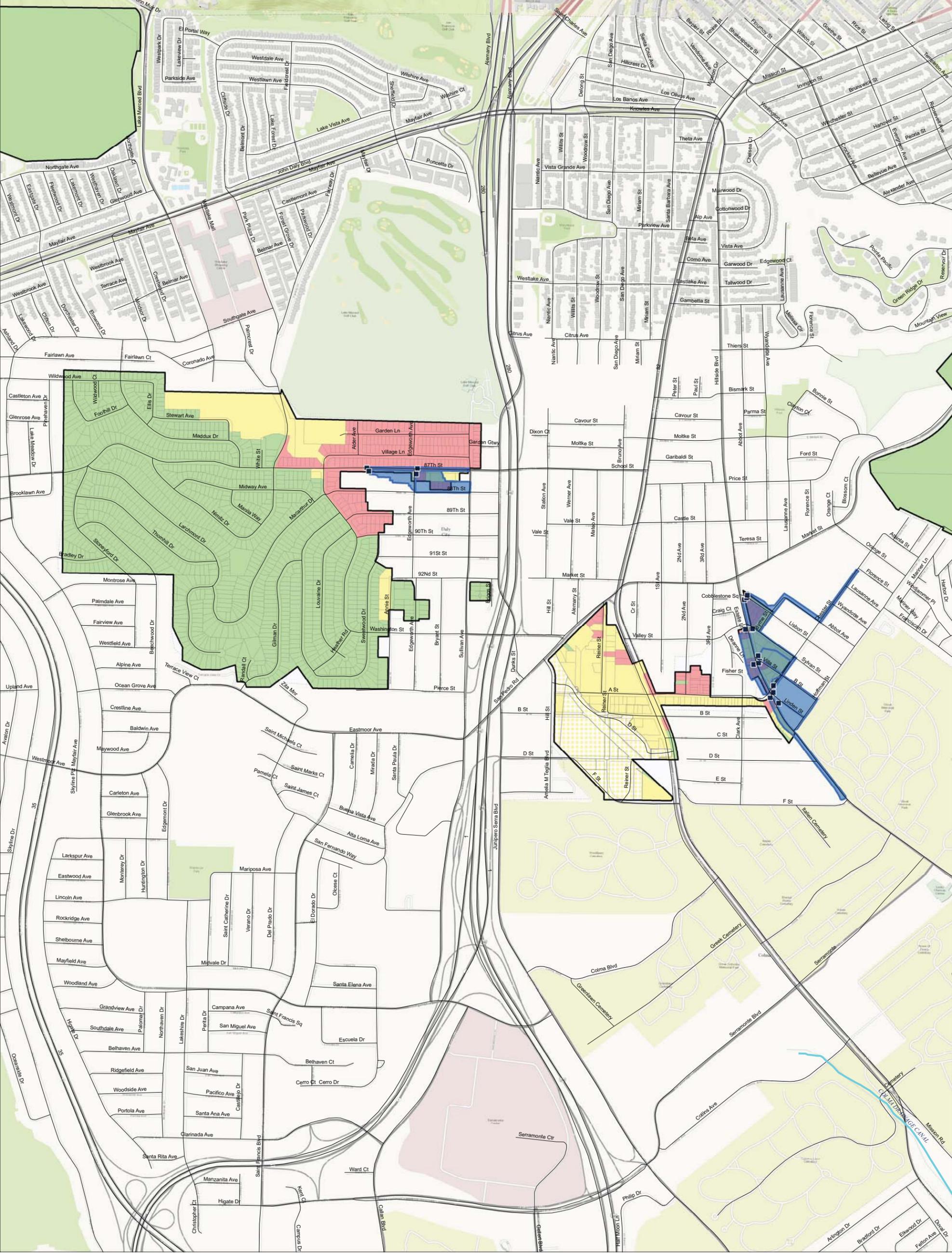
⁶⁴ Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

⁶⁵ This table contains all of the unplanned discharges that occurred in this FY.

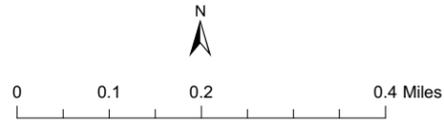
⁶⁶ Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.

⁶⁷ Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

County of San Mateo DRAFT Full Trash Capture Map - North



Legend	
Trash Generation Category	<ul style="list-style-type: none"> Creek/Shoreline Hotspot Full-Capture Location Non-Jurisdictional (Dot color = Generation Category)
<ul style="list-style-type: none"> Low Medium High Very High 	<ul style="list-style-type: none"> Streets Agency Boundary Creeks Parcel Boundary



Data Sources:
 Roads: San Mateo County
 City Boundaries: San Mateo County
 Background: ESRI World Topographic Map

Map Created By:
 EOA, Inc.

Date:
 August 29th, 2013