

September 27, 2016

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

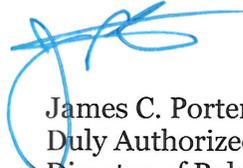
Re: San Mateo County Flood Control District FY 2015/16 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report are submitted by the San Mateo County Flood Control District pursuant to Permit Provision C.17.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2015-0049, 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 2015/16 and related accomplishments.

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

Very truly yours,



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

JCP:AMS:MC:JC

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Enclosures: Certification Statement, San Mateo County Flood Control District FY 2015/16 Annual Report

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



**SAN MATEO COUNTY FLOOD CONTROL DISTRICT
FY 2015/16 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:

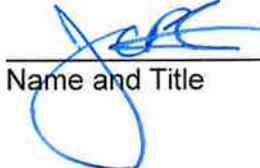
 Director of Public Works 9-26-16
Name and Title Date

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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:	R2-2015-0049			
Reporting Time Period (month/year):	July 2015 through June 2016			
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:	Resource Conservation 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 FY15-16, the San Mateo County Flood Control District (SMCFCD) and County of San Mateo Department of Public Works (DPW) staff regularly attended and participated in the NPDES Technical Advisory Committee, Municipal Maintenance Subcommittee, and Trash Control Subcommittee meetings. SMCFCD continued implementation of the Colma Creek Maintenance Monitoring Program including four routine quarterly inspections and coordination of 14 work days for the Sheriff's Work Program and four volunteer events involving litter and debris cleanups and removal of non-native vegetation within the lower reach of Colma Creek. SMCFCD staff continued routine monitoring and inspection of the San Bruno Creek Flood Control Zone pump stations for trash, odor, color, turbidity and the presence of floating carbons, as well as dissolved oxygen during the summer months, and no corrective actions were required. All SMCFCD maintenance activities (vegetation management and mitigation site maintenance) were completed in accordance with the MRP and the County of San Mateo Watershed Protection Maintenance Standards (2004). Please see the C.2 Municipal Operations section of the SMCWPPP FY 15-16 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 FY15-16.

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

Comments:
 The SMCFCDD did not perform or contract for any sidewalk, plaza, or pavement washing during FY15-16.

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.
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N/A	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
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Comments:
 The SMCFCDD did not perform any bridge and structure maintenance directly over water or graffiti removal during FY15-16.

C.2.e. ► Rural Public Works Construction and Maintenance	
Does your municipality own/maintain rural ¹ roads:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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:	

¹Rural 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.

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:

N/A	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
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
N/A	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
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
N/A	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:
 The SMCFCFD does not have a Corporation Yard or dedicated maintenance staff and instead utilizes the DPW Road Services Division maintenance crew for routine maintenance activities. The DPW Road Services Division has several Corporation Yards. Routine inspections were conducted at these facilities and are reported in the County of San Mateo FY15-16 Annual Report. No violations were reported.

If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:

Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
N/A			

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

Section generally not applicable to San Mateo County Flood Control District

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

(For FY 15-16 Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Summary: N/A

C.3.b.iv.(2) ► 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.c.ii ► Design Specifications for Pervious Pavement Systems

(For FY 2015-16 Annual Report only). Submit design specifications for pervious pavement systems that have been developed and adopted on a regional or countywide basis. If design specifications have been adopted and are contained in a Countywide stormwater handbook, include a reference to the handbook.

Summary:
 The SMCFCFD does not have land use or regulatory authority over the types of projects in which pervious pavement systems would typically be installed (i.e., private). The only projects that may fall into this category are future flood control capital projects in which pervious pavement systems may be used along flood control channel access roads. If such flood control capital projects were implemented in the future, the SMCFCFD will follow the design specifications included in the SMCWPPP C.3 Stormwater Technical Guidance, revised draft June 2016.

C.3.e.iv. ► Alternative or In-Lieu Compliance with Provision C.3.c.

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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Comments (optional):
 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. Alternative and in-lieu compliance are allowed by the County of San Mateo, but the County of San Mateo had no such projects this year.

C.3.e.v ▶ Special Projects Reporting				
1. In FY 2015-16, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2. In FY 2015-16, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the C.3.b.iv.(2) Table, and the C.3.e.v. Table.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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.				

C.3.h.v.(2) ▶ Reporting Newly Installed Stormwater Treatment Systems and HM Controls (Optional)
On an annual basis, before the wet season, provide a list of newly installed (installed within the reporting year) stormwater treatment systems and HM controls to the local mosquito and vector control agency and the Water Board. The list shall include the facility locations and a description of the stormwater treatment measures and HM controls installed.
N/A – There are currently no stormwater treatment measures or HM controls under the SMCFCFD's jurisdiction.

C.3.h.v.(3)(a) –(c) and (f) ▶ Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting	
Option 1 – Reporting Site Inspections	Number/Percentage
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY14-15)	N/A
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 15-16)	N/A
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 15-16)	N/A
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 15-16)	N/A ²

² Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year (FY 14-15), per MRP Provision C.3.h.ii.(6)(b).

Option 2 – Reporting Stormwater Treatment System Inspections	
Total number of stormwater treatment and HM systems in your agency's database or tabular format at the end of the previous fiscal year (FY 14-15)	N/A
Total number of stormwater treatment systems in your agency's database or tabular format at the end of the reporting period (FY 15-16)	N/A
Total number of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	N/A
Percentage of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	N/A ³
Comment: N/A – There are currently no stormwater treatment systems under the SMCFCDD's jurisdiction.	

C.3.h.v.(3)(d)-(e) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

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: N/A – There are currently no stormwater treatment systems under the SMCFCDD's jurisdiction.

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: N/A – There are currently no stormwater treatment systems under the SMCFCDD's jurisdiction.

C.3.i. ► Required Site Design Measures for Small Projects and Detached Single Family Home 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: N/A – The SMCFCDD does not have land use or regulatory authority for these types of projects.

C.3.j.i.v.(d) ► Green Infrastructure Outreach

On an annual basis, provide a summary of your agency's outreach and education efforts pertaining to Green Infrastructure planning and implementation.

Summary:

³Based on the number of stormwater treatment and HM systems database or tabular format at the end of the previous fiscal year (FY 14-15), per MRP Provision C.3.h.ii.(6)(b).

The SMCFCFD does not have land use or regulatory authority over the types of private projects in which green infrastructure would typically be installed. The only public projects that may fall into this category are future flood control capital projects in which green infrastructure could be incorporated; however, this would be atypical as most projects involve maintenance of existing facilities, such as pump stations or minor channel improvements.

Please see the County of San Mateo FY 15-16 for a summary of the County's outreach and education efforts pertaining to Green Infrastructure planning and implementation. County staff regularly attended SMCWPPP Green Infrastructure Technical Advisory Committee meetings led by C/CAG. Please refer to the SMCWPPP FY 15-16 Annual Report for a summary of outreach efforts implemented at the countywide Program level.

C.3.j.ii.(2) ► Early Implementation of Green Infrastructure Projects

On an annual basis, submit a list of green infrastructure projects, public and private, that are already planned for implementation during the permit term and infrastructure projects planned for implementation during the permit term that have potential for green infrastructure measures. Include the following information:

- A summary of planning or implementation status for each public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. (see C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects).
- A summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description of the project and the reasons green infrastructure measures were impracticable to implement (see C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure).

Background Information:

In order to identify projects with potential for green infrastructure, the County used the BASMAA "Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Program Projects" (May 6, 2016) for guidance on identifying and reviewing potential green infrastructure projects. The County reviewed a list of 371 projects that were approved in the County of San Mateo FY 15-16 and FY 16-17 Adopted Budget. There were no SMFCD projects on the list.

Summary of Planning or Implementation Status of Identified Projects:

There are currently no SMFCD identified projects.

C.3.j.iii.(2) ► Participate in Processes to Promote Green Infrastructure

On an annual basis, report on the goals and outcomes during the reporting year of work undertaken to participate in processes to promote green infrastructure.

Please see the SMCWPPP FY 15-16 Annual Report for a summary of efforts conducted to help regional, State, and federal agencies plan, design and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.

C.3.j.iv.(2) ► Tracking and Reporting Progress

On an annual basis, report progress on development and implementation of methods to track and report implementation of green infrastructure measures and provide reasonable assurance that wasteload allocations for TMDLs are being met.

Please see the SMCWPPP FY 15-16 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period						N/A					
Project Name Project No.	Project Location ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
No SMCFCFD Regulated Projects.											

¹⁰Include cross streets

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

¹²Project 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.

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

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

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

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

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

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)										
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	Alternat ive Compli ance Measur es ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
N/A										
No SMCFCD Regulated Projects.										

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

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

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

²¹List 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.

²²List 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.).

²³List 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.

²⁴See 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).

²⁵For 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.

²⁶For 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.

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

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

²⁹If 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.iv.(2) ► 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 SMCFCDD Regulated Projects.										

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

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

³²List 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.

³³List 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.).

³⁴List 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.

³⁵See 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).

³⁶For 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.

³⁷For 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.

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

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

⁴⁰If 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.v.(2). ► Table of Newly Installed⁴¹ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

N/A

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

Name of Facility	Address of Facility	Party Responsible ⁴² For Maintenance	Type of Treatment/HM Control(s)
No SMCFCD stormwater treatment systems.			

⁴¹ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

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

C.3.e.v. Special Projects Reporting Table					N/A							
Reporting Period – July 1 2015 - June 30, 2016												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴³	Status ⁴⁴	Description ⁴⁵	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁴⁶	LID Treatment Reduction Credit Available ⁴⁷	List of LID Stormwater Treatment Systems ⁴⁸	List of Non-LID Stormwater Treatment Systems ⁴⁹
No SMCFCFCD Special Projects.												

Special Projects Narrative

N/A

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure				N/A
Project Name and Location ⁵⁰	Project Description	Status ⁵¹	GI Included? ⁵²	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁵³
Please see County FY 15-16 Annual Report for a list of public projects reviewed for Green Infrastructure.				

C.3.j.ii.(2) ► Table B - Planned Green Infrastructure Projects			N/A
Project Name and Location ⁵⁴	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
No SMCFCFCD Planned Green Infrastructure Projects			

⁴³Date that a planning application for the Special Project was submitted.

⁴⁴Indicate 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.

⁴⁵Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴⁶For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴⁷For 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.

⁴⁸List 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.

⁴⁹List 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.

⁵⁰List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁵¹Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁵²Enter "Yes" if project will include GI measures, "No" if GI measures are impracticable to implement, or "TBD" if this has not yet been determined.

⁵³Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

⁵⁴List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

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

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

Summary:
 The jurisdiction of the SMCFCFD is limited to the flood control channels that were constructed and maintained by the District. We do not have legal authority for pollutant control on industrial sites located within the adjacent jurisdictions; however, we do work collaboratively with the adjacent municipalities to address stormwater concerns. For example, information related to any problems observed during the Colma Creek routine quarterly inspections is forwarded to the adjacent municipalities' enforcement staff for follow-up action. SMCFCFD staff also review environmental compliance documents for proposed development projects within SMCFCFD flood control zones and provide responsible agencies with comments when appropriate.

C.4.b.iii ► 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.d.iii.(1)(a) ► 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		
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner		
Comments:		

C.4.d.iii.(1)(b) ► Frequency and Types/Categories of Violations Observed

N/A

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

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

Potential discharge and other	
Comments:	

C.4.d.iii.(1)(b) ▶ Frequency and Type of Enforcement Conducted N/A

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

	Enforcement Action (as listed in ERP) ⁴⁹	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ⁵⁰
Level 1			
Level 2			
Level 3			
Level 4			
Total			

C.4.d.iii.(1)(c) ▶ Types of Violations Noted by Business Category N/A

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

Business Category ⁵¹	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations

C.4.d.iii.(1)(d) ▶ 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:

--

⁴⁹Agencies to list specific enforcement actions as defined in their ERPs.

⁵⁰Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵¹List your Program's standard business categories.

C.4.e.iii ▶ Staff Training Summary			N/A			
Training Name	Training Dates	Topics Covered	No. of Industrial/ Commercial Site Inspectors in Attendance	Percent of Industrial/ Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
Comments:						

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

Program Highlights and Evaluation
Highlight/summarize activities for reporting year:
Provide background information, highlights, trends, etc.
<p>Summary:</p> <p>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.</p> <p>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 are received by the County (DPW, CEH, and/or SMCFCD staff) pertaining to illicit discharges outside of SMCFCD jurisdiction are forwarded to the appropriate adjacent municipality for response and tracking; however, there were no illicit discharge complaints received by the County during FY 15-16. Information related to illicit discharges observed by SMCFCD staff during the Colma Creek routine quarterly inspections was forwarded to the adjacent municipalities' enforcement staff for follow-up action and tracking.</p> <p>For reported discharges and complaints 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 public calls or illicit discharge complaints were received during FY15-16.</p> <p>Please see the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 15-16 Annual Report for description of activities at the countywide or regional level.</p>

C.5.c.iii ► Complaint and Spill Response Phone Number
List below or attach your complaint and spill response phone number
The illicit discharge coordinator for the SMCFCD can be reached at 650-363-4100.
Provide your complaint and spill response web address, if used
The public can visit the http://www.flowstobay.org/reportpollution to find the central contact point person, phone number, and email address for the SMCFCD. DPW is currently working to restructure and improve our website including the SMCFCD web page. Planned modifications will include the addition of information and link for the public to report illicit discharges to SMCFCD maintained channels. These planned changes will be completed in FY 16-17.
Is a screen shot of your website showing the central contact point attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If No, explain:

The screenshot shows the website for the San Mateo Countywide Water Pollution Prevention Program. The main content area is titled "Illicit Discharge Coordinators" and includes the following sections:

- Report Stormwater Pollution:** A paragraph explaining that only water is allowed in storm drains and listing prohibited items like washwaters, sewage, and automotive fluids.
- When to make a report?:** A bulleted list of conditions such as unusual odors, dumped waste, or large flows during dry periods.
- Note:** A warning to call 911 for emergency situations.
- Stormwater Illicit Discharge Contacts:** A table listing coordinators for Town of Atherton, City of Belmont, and Keegan Black.

Municipality	Illicit Discharge Coordinators	Email	Phone
Town of Atherton	Steve Tyler	st Tyler@ci.atherton.ca.us	(650) 752-0541
City of Belmont	Bozhena Palatnik	Bpalatnik@belmont.gov	(650) 595-7425
	Keegan Black	kblack@ci.hishane.ca.us	(415) 728-7986 (415)

City/County	Name	Email	Phone
Redwood City	Pastrano	epastrano@redwoodcity.org	780-7477
City of San Bruno	Gary Lepori	glepori@sanbruno.ca.gov	(650) 616-7020
City of San Carlos	Paul Baker	pbaker@cityofsancarlos.org	(650) 802-4143
San Mateo County (unincorporated)	Patrick Ledesma	pledesma@smcgov.org	(650) 464-6661
San Mateo County Flood Control	Julie Casagrande	jcasagrande@smcgov.org	(650) 363-4100
City of San Mateo	Mark Swenson	mswenson@cityofsanmateo.org	(650) 522-7349
	Sven Edlund	sedlund@cityofsanmateo.org	(650) 522-7342

Provide a discussion of how the central contact point (complaint and spill response phone number and, if used, web address) is being publicized to your staff and the public.

Flows to Bay is the primary website where residents can find the central contact point (illicit discharge coordinator) listed for the SMCFCFD: <http://flowstobay.org/reportpollution>. Links to the Flows to Bay website are provided on several key County websites including the Office of Sustainability (<http://green.smcgov.org/>) and County Environmental Health (<http://www.smchealth.org/report-problem-environmental-pollution>).

Additionally, for areas within unincorporated San Mateo County, residents can report illicit discharges directly to County Staff through "Report It! SMC", the County's mobile app and web-based tool that empowers residents to report illegal dumping and graffiti on their smart phone or online. Residents can report directly through several key websites including SeeClickFix (<http://seeclickfix.com/>) and Office of Sustainability (<http://green.smcgov.org/report-it-smc>).

C.5.d.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.d.iii.(1))	0	
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	0	
Discharges resolved in a timely manner (C.5.d.iii.(3))	0	

Comments:
 There were no spill or discharge complaints within the SMCFCFD jurisdiction reported to the SMCFCFD or County.

C.5.f.iii ▶ MS4 Map Availability

Discuss how you make your MS4 map available to the public and how you publicize the availability of the MS4 map.

Hard copies of MS4 maps are available for the public to view at the DPW Counter, and a link to the Oakland Museum Creek Mapping Project website is also available on the SMCWPPP webpage: <http://explore.museumca.org/creeks/MapDC.html>.

Section 6 – Provision C.6 Construction Site Controls

With the exception of SMCFCFD flood control capital improvement projects involving construction, Section 6 is generally not applicable to the SMCFCFD. During FY 15-16, there were no SMCFCFD flood control capital improvement projects approved or implemented.

C.6.e.iii.(1) ► Hillside Development Criteria		
What criteria is your agency using to determine hillside development areas?	<input checked="" type="checkbox"/>	Local criteria such as maps of hillside development areas or other written criteria
		The permit definition of projects on sites with ≥ 15% slope
Attach a copy of hillside development area maps or provide your written criteria below, if applicable.		
<p>Description:</p> <p>The County's Enforcement Response Plan (ERP) (revised May 17, 2013) incorporates <i>Hillside Development Criteria</i> within its definition of "Construction Stormwater Regulated Site (SWRS)", which are inspected on a monthly basis during the wet season and include "high priority sites":</p> <p>A. Any site with land disturbance of 1-acre or more, OR</p> <p>B. Any site that is deemed a "high priority site." "High priority sites" involve land disturbance of less than 1-acre on the following site types:</p> <ol style="list-style-type: none"> 1. All sites where the scope of development or land alteration requires a Grading Permit 2. Sites with an issued building permit for which the project is required to comply with the Green Building Program (a. Residential new construction or a 50% or greater remodel, or b. Commercial/Industrial construction of a new building or additions of 3,000 sq. ft. or greater), and with one or both of the following characteristics: <ul style="list-style-type: none"> o <i>Sites where development or land alteration will occur on a slope greater than or equal to 5:1, and/or</i> o Sites where development or land alteration will occur within 100 feet of a creek, wetland, or coastline 3. Any public project involving work within a waterway or any private project involving work within a waterway that requires a permit issued by the Planning and Building Department. <p>C. Construction sites within the ASBS watershed that involve soil disturbance and are subject to a building or grading permit.</p> <p>As shown above, the County's definition of "high priority sites" includes all new residential or commercial buildings and significant remodels and/or additions on land with a slope greater than or equal to 5:1 (20%) or where the amount of proposed earthwork requires a Grading Permit (usually work involving 250 cubic yards or more of earthwork).</p>		

C.6.e.iii.2.a, b, c ▶ Site/Inspection Totals		
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)
N/A	N/A	N/A
Comments: N/A		

C.6.e.iii.2.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations ⁵² excluding Verbal Warnings	% of Total Violations ⁵³
Erosion Control	N/A	N/A
Run-on and Run-off Control		
Sediment Control		
Active Treatment Systems		
Good Site Management		
Non Stormwater Management		
Total ⁵⁴		

⁵²Count 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.

⁵³Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

⁵⁴The 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.2.e ▶ Construction Related Storm Water Enforcement Actions			
	Enforcement Action (as listed in ERP) ⁵⁵	Number Enforcement Actions Issued	% Enforcement Actions Issued⁵⁶
Level 1 ⁵⁷	N/A		
Level 2			
Level 3			
Level 4			
Total			

C.6.e.iii.2.f, g ▶ Illicit Discharges	
	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)	N/A
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)	N/A

C.6.e.iii.2.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)	N/A ⁵⁸	N/A ⁵⁹
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	N/A	
Total number of violations (excluding verbal warnings) for the reporting year⁶⁰		
Comments: N/A		

⁵⁵ Agencies should list the specific enforcement actions as defined in their ERPs.

⁵⁶ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁷ For example, Enforcement Level 1 may be Verbal Warning.

⁵⁸ Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

⁵⁹ Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

⁶⁰ 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.e.iii.(4) ► Evaluation of Inspection Data

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: N/A

C.6.e.iii.(4) ► Evaluation of Inspection Program Effectiveness

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

Description: N/A

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	
DPW C.6 Training	Nov 10, 2015	<ul style="list-style-type: none"> • Review of C.6 requirements • Review of procedures for completing C.6 inspection and form • BMP videos 	15 DPW staff, including management, engineers, and 2 DPW inspectors	25% of DPW Inspectors
Construction Site Stormwater Compliance Training for Municipal Inspectors	May 3, 2016	<ul style="list-style-type: none"> • Curbside Inspection Form • Full Inspection Form • Regional Water Board Staff Contact Info • MRP 2.0 Update • Compost-based BMPs • Using Compost for Exercise Control 	19 County staff including: 1 Erosion Control Inspector 5 DPW Inspectors 2 Code Compliance Officers 3 Planners on the Erosion Control team	100% Erosion Control Inspectors 63% of DPW Inspectors 29% of Code Compliance Officers 100% of Planners on the Erosion Control team

<p>Annual C.3 Stormwater Workshop: Low Impact Development and Green Infrastructure</p>	<p>June 14, 2016</p>	<ul style="list-style-type: none"> • Basic Training • MRP 2.0 Update • Intro to Pervious Pavements • Pervious Pavements: Construction, Inspection and Maintenance • Green Infrastructure Planning • Examples of Green Infrastructure Opportunities • Reviewing Projects for Green Infrastructure Opportunities 	<p>12 County staff: 2 DPW Inspectors 3 Planners on the Erosion Control team</p>	<p>25% of DPW Inspectors 100% of Planners on the Erosion Control team</p>
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Section 7 – Provision C.7. Public Information and Outreach

C.7.b.i.1 ► Outreach Campaign

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

Please see Section 7 and Section 9 of the SMCWPPP FY 15-16 Annual Report for a description of activities conducted at Countywide level.

C.7.c. Stormwater Pollution Prevention Education

Local stormwater phone number(s)	SMCWPPP - (650) 599-1406
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Local/Regional stormwater website(s)	http://flowstobay.org/
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The SMCWPPP webpage, Flows To Bay, provides detailed information on stormwater issues, watershed characteristics, and pollution prevention alternatives and provides the SMCFCD point of contact for reporting illicit discharges. Please see the C.7 Public Information and Outreach section of SMCWPPP 15-16 Annual Report for additional information.

C.7.d ► Public Outreach and Citizen Involvement 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 15-16 Annual Report:

- Coastal Cleanup Day, September 19, 2015
- San Mateo County Fair, June 11-19, 2016

DPW/SMCFCD staff assisted with the Coastal Cleanup Day outreach 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. DPW/SMCFCD staff served as the team captain at the Coastal Cleanup Day Colma Creek site. Please see the C.7 Public Outreach and Citizen Involvement Events section of SMCWPPP FY 15-16 Annual Report for additional event information.

Public events specific to the Colma Creek Flood Control District are detailed below.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
National River Cleanup Day, 5/14/2016, Colma Creek in South San Francisco	Creek cleanup event coordinated by City of South San Francisco and County/SMCFCD staff. This event targeted the general public with focused messaging on litter reduction.	Six volunteers removed approximately 1 cubic yard of trash and illegally dumped material along the banks of lower Colma Creek.
Colma Creek Volunteer Day, 5/7/2016, Colma Creek in South San Francisco	Native planting/marsh restoration event with outreach and education messaging related to stormwater pollution prevention, litter reduction and native plant restoration.	Twelve volunteers, including students from Alta Loma Middle School and staff from Cytokinetics, County/SMCFCD staff, and the County's restoration consultant planted 250 native plants.
Colma Creek Earth Day Cleanup Event, 4/23/2016, Colma Creek in South San Francisco	Creek cleanup event coordinated by City of South San Francisco and County/SMCFCD staff. This event targeted the general public with focused messaging on litter reduction.	Nineteen volunteers removed approximately 1.2 cubic yards of trash and illegally dumped material along the banks of lower Colma Creek.

In addition to the public outreach events listed above, which are specific to the Colma Creek Flood Control Zone, the County conducted stormwater-related outreach at other events throughout the County. Please see the County of San Mateo FY 15-16 Annual Report for more information.

C.7.e. ► 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:

Please see the C.7 Watershed Stewardship Collaborative Efforts section of SMCWPPP FY 15-16 Annual Report for a summary of activities conducted by SMCWPPP.

SMCFCD staff worked with SMCWPPP to support the activities of the Watershed Stewardship Groups and worked directly with smaller local collaboratives that exist within the SMCFCFCD's zones and unincorporated areas of the County. Please see the County of San Mateo FY 14-15 Annual Report for watershed stewardship efforts that County and SMCFCFCD staff participated in that are not specific to SMCFCFCD flood zones. Watershed stewardship efforts conducted by SMCFCFCD staff that pertain directly to SMCFCFCD flood zones are summarized below.

SMCFCD staff continued participation in the Bay Area Integrated Regional Water 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, and continued conducting outreach to smaller cities and watershed groups for sub-regional projects. SMCFCFCD staff also served on the Bay Area IRWMP Project Selection Committee.

SMCFCD continued collaborative efforts in the Colma Creek watershed through the Colma Creek Flood Control Zone Advisory Council and Technical Advisory Committee (TAC), including representatives from all municipalities located within the watershed, and also with the South San Francisco Community Preservation Task Force (CTPF). SMCFCFCD staff provided regular updates on SMCFCFCD Colma Creek activities and collaborated on ideas and opportunities for outreach, trash load reduction activities, vegetation management, and abatement of illegal dumping and homeless encampments. In April 2015, the Colma TAC began discussing development of a Memorandum of Agreement (MOA) between the SMCFCFCD and the City of South San Francisco for maintenance activities and other shared activities. The District does not have dedicated maintenance staff and must rely on County Road Division staff or contract services to perform maintenance, cleanup, or enforcement on or along the channel. A MOA would serve to better identify access rights, ownership, and easements and facilitate collaborative, and in some cases more timely, response for dealing with illegal encampments, illicit discharges, and other cleanup issues such as illegal dumping, litter accumulation, and graffiti abatement, as well as maintenance activities such as fence repair and weed/vegetation management. On 8/24/2016, the City of South San Francisco City Council passed a Resolution approving the MOA. The MOA should be fully executed and will likely go into effect in October 2016.

Since FY 10-11, SMCFCFCD staff have been collaborating with the South San Francisco CTPF by providing updates on SMCFCFCD Colma Creek activities and sharing ideas and opportunities for outreach, trash cleanups, and abatement of illegal dumping. SMCFCFCD staff continued coordinating (i.e.,

notifying committee of homeless encampment, illegal dumping, vegetation management needs, and graffiti locations) with the CPTF in FY15-16. SMCFCFD is also involved with watershed collaborative efforts in the San Francisquito Creek watershed and Flood Control Zone. SMCFCFD 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. SMCFCFD staff attended monthly JPA meetings and provided input on watershed and flooding issues. SMCFCFD staff also participated in the annual creek walk with other JPA member agency staff to identify areas of trash and debris accumulation.

C.7.f. ► School-Age Children Outreach

Please see the C.7 School-Age Children Outreach section of SMCWPPP FY 15-16 Annual Report for a summary of school-age children outreach conducted at the countywide Program level. Additional outreach events conducted by the County are summarized in the County of San Mateo FY 15-16 Annual Report. School-aged outreach events conducted by the SMCFCFD and specific to the Colma Creek Flood Control District are detailed below.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Colma Creek Volunteer Day, 5/7/2016, Colma Creek in South San Francisco	Native planting/marsh restoration event with outreach and education messaging related to stormwater pollution prevention, litter reduction and native plant restoration.	Nine students, one teacher, and one parent from Alta Loma Middle School in South San Francisco	Students assisted with planting 250 native plants. Prior to the planting, County/FCD staff and consultant gave a presentation on stormwater pollution prevention and restoration ecology. SMCWPPP stormwater pollution prevention materials were also distributed at the event.
Buri Buri Elementary Classroom Presentation, 4/29/2016, South San Francisco	Classroom presentation to 23 elementary students. Topics included stormwater pollution prevention with focus on litter and pet waste.	23 students, one teacher	DPW/FCD staff, in collaboration with staff from the National Marine Fisheries Service, gave a kindergarten classroom presentation on stormwater pollution prevention, watershed science, and aquatic life. The presentation was interactive and was well received by the students. SMCWPPP stormwater pollution prevention materials were also distributed during the presentation.

In addition to the school-age children outreach programs listed above, which were conducted by or in coordination with SMCWPPP or by the SMCFCFD, County staff and the RecycleWorks Program also conducted other stormwater-related outreach to school-aged children. Please see the County of San Mateo FY15-16 Annual Report for additional information.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance								
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?					X	Yes		No
If no, explain:								
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.								
Trends in Quantities and Types of Pesticides Used ⁶¹								
Pesticide Category and Specific Pesticide Used	Amount ⁶²							
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21		
Organophosphates	0							
Pyrethroids	0							
Carbamates	0							
Fipronil	0							
Indoxacarb	Reporting not required in FY 15-16							
Diuron	Reporting not required in FY 15-16							
Diamides	Reporting not required in FY 15-16							

⁶¹Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁶²Weight or volume of the product or preferably its active ingredient, using same units for the product each year. Please specify units used. 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: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.

The County 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).

IPM Tactics and Strategies used:

During FY 15 -16, the County continued to implement its IPM policy, as adopted July 24, 2012. The SMCFCFCD generally does not apply pesticides at any of the County-maintained flood control facilities. The SMCFCFCD contracts with a landscape/restoration consultant for on-going maintenance of several mitigation sites within the Colma Creek Flood Control Zone. The majority of work performed by the contractor involves the use of non-chemical strategies such as hand weeding and mechanical removal, mulching, and replacing invasive plants with native plants. For FY 15-16, very limited amounts of herbicide (Aquamaster - glyphosate) were also used along an access road near the Colma Creek flood control channel to control an infestation on non-native hemlock that could not be successfully controlled by other methods and was encroaching into the adjacent mitigation area. County staff regularly participate in the County of San Mateo Agricultural Commissioner's Weed Management Areas, a collaborative group made up of agencies, nonprofits, and interested citizens, to coordinate and discuss priority weed issues within the County and appropriate treatments, including BMPs.

C.9.b ▶ 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 this reporting year.	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 this reporting year.	N/A

Type of Training:

C.9.c ▶ Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
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If yes, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored

As described above, the SMCFCFCD contracts with a landscape/restoration consultant, Ecological Concerns, Incorporated (Agreement No. 48400-16-D005), for on-going maintenance of several mitigation sites within the Colma Creek Flood Control Zone. The County IPM policy was provided to the consultant, and implementation was included as a condition for all applicable task order authorizations.

C.9.d ▶ Interface with County Agricultural Commissioners				
Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If yes, summarize the communication. If no, explain.				
As mentioned above, County staff regularly participate in the County of San Mateo Agricultural Commissioner's Weed Management Areas, a collaborative group made up of agencies, nonprofits, and interested citizens, to coordinate and discuss priority weed issues within the County and appropriate treatments, including BMPs. Staff from the Agricultural/Weights and Measures Department are contacted on as-needed basis for project-specific guidance. Please see Section 9 of the SMCWPPP FY 15-16 Annual Report for summary of SMCWPPP communication with the San Mateo County Agricultural Commissioner.				
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<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.				

C.9.e.ii (1) ▶ 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: Please see the C.9 Pesticides Toxicity Control section of the SMCWPPP FY 15-16 Annual Report for information on point of purchase public outreach conducted countywide and regionally.	

C.9.e.ii (2) ▶ Public Outreach: Pest Control Contracting Outreach	
Provide a summary of outreach to residents who use or contract for structural pest control and landscape professionals); AND/OR reference a report of a regional effort for outreach to residents who hire pest control and landscape professionals in which your agency participates.	
Summary: Please see the C.9 Pesticides Toxicity Control section of the SMCWPPP FY 15-16 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.	

C.9.e.ii.(3) ▶ 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); AND/OR reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.	
Summary: Please see the C.9 Pesticides Toxicity Control section of SMCWPPP FY 15-16 Annual Report for a summary of outreach to pest control operators and landscapers to reduce pesticide use.	

C.9.f ▶ Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected; **AND/OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

Summary:

During FY 15-16, we participated in regulatory processes related to pesticides through contributions to SMCWPPP, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ► Trash Load Reduction Summary	
Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	N/A
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii)	N/A
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv) ¹	N/A
SubTotal for Above Actions	N/A
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	N/A
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	N/A
Total (Jurisdictional-wide) % Trash Load Reduction in FY 15-16	N/A
Discussion of Trash Load Reduction Calculation:	

C.10.a.iii ► Mandatory Trash Full Capture Systems

Provide the following:

- 1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 15-16, during FY 15-16, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.
- 2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.

SMCFCD was required to install one trash boom or two outfall capture devices (minimum 2 ft. diameter outfall) or equivalent measures by July 1, 2014. The SMCFCD met the minimum full trash capture requirement by the installation of equivalent measures (small full trash capture devices) in the Colma Creek watershed and other areas in the unincorporated County, consistent with Attachment J of the previous MRP. To establish a level of "equivalent measures", the mean drainage area for 2 ft. diameter outfalls (i.e., the minimum diameter for typical trash outfall capture devices) in the Colma Creek Flood Control Zone (Colma Creek watershed) is approximately 35 acres, and the median is approximately 25 acres. To date, the County has installed 166 full trash capture devices (connector pipe screens or CPS) throughout unincorporated San Mateo County including areas within the Colma Creek watershed. The total treatment area covered by the County's devices is approximately 580 acres. This far exceeds the combined MRP requirement of minimum full trash capture area for unincorporated San Mateo County (21 acres) and equivalent measures for SMCFCD which, as reported in the FY 13-14 and 14-15 reports, were previously estimated to be approximately 25 to 35 acres for a 2 ft. diameter outfall. Please see C.10 of the County of San Mateo's FY 15-16 Annual Report for additional full trash capture device information.

In addition to small full trash capture devices that have been installed throughout the unincorporated County, the SMCFCD has continued with collaborative efforts through the Colma Creek Flood Control Zone Technical Advisory Committee (TAC) to identify priority locations for large full trash capture devices and other trash load reduction measures. The TAC includes management and staff from SMCFCD, City of South San Francisco, Daly City, and the Town of Colma. The TAC will continue to meet on a regular basis and the SMCFCD is committed to continuing this collaborative effort.

Type of System	# of Systems	Areas Treated (Acres)
Installed Prior to FY 15-16		
Connector Pipe Screen	166	580
Installed in FY 15-16		
N/A	N/A	N/A
Total for all Systems Installed To-date		580
Treatment Acreage Required by Permit (Population-based Permittees)		21
Total # of Systems Required by Permit (Non-population-based Permittees)		2

C.10.b.i ► Trash Reduction - Full Capture Systems				
TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full	Summary of Maintenance Issues and Corrective Actions
1	47.3%	166	4.6%	<p>The level of maintenance needed for full trash capture devices varied by specific location or area depending on the levels of trash, frequency of street sweeping, amount of leaf litter, and the timing of storms in relation to street sweeping. Since initial installation, DPW Roads Division maintenance staff have found that full service cleaning with a Vac-Con truck is needed less than originally anticipated for the CPS units that were installed in combination with ARS units at the curb opening. For FY 15-16, all full trash capture devices were regularly inspected during routine patrols by the DPW Roads Division maintenance crews. The DPW Roads Division maintenance crews cleaned out the full trash capture devices with a Vac-Con truck prior to or at the start of the rainy season (August – December 2015). Additional maintenance was conducted on an as-needed basis throughout the rainy season as determined during the routine patrols and inspections. Crews also hand sweep in front of the ARS as needed prior to and/or during storms. No problems were reported with the functionality of the devices.</p> <p>Since January 1, 2016 (effective date of the MRP 2.0), per the County's newly implemented trash full capture device O&M Program, DPW staff have been using the SMCWPPP field form template for logging inspection and maintenance, and the data are now tracked electronically. Since January 1, 2016, a total of 131 inspections were conducted. Subsequent maintenance was performed for 44 devices. Only six out of the 131 inspected devices (4.6%) were >50% full. These devices were located in TMA 5 and were >50% full primarily due to the accumulation of natural leaf litter and debris. The locations were flagged in the maintenance database and inspection and maintenance frequency is being increased accordingly to ensure that future accumulation levels to not exceed 50%.</p>
2	0.4%			
3	1.0%			
4	0%			
5	1.0%			
6	0.1%			
7	0.8%			
8	0%			
9	0%			
Total	50.5%			
<p>Certification Statement: The County of San Mateo and SMCFCD certify that a full capture system maintenance and operation program is currently being implemented to maintain all applicable systems in manner that meets the full capture system requirements included in the Permit.</p>				

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A)		N/A - Per the MRP, the SMCFCFD, a non-population based permittee, is not subject to Long-Term Trash Load Reduction Plan requirements.
Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels and areal extent of implementation, and whether actions are new, including initiation date.		
TMA	Summary of Trash Control Actions Other than Full Capture Systems	

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART B)

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

Provide the following:

- 1) A summary of the on-land visual assessments in each TMA (or control measure area), including the street miles or acres available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles or acres assessed, the % of available street miles or acres assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 15-16 attributable to trash management actions other than full capture systems implemented in each TMA.

TMA ID <i>or (as applicable)</i> Control Measure Area	Total Street Miles or Acres Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles or Acres Assessed	% of Applicable Street Miles or Acres Assessed	Avg # of Assessments Conducted at Each Site	
Total					

C.10.b.iv ► Trash Reduction – Source Controls

Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and provide the associated reduction of trash within your jurisdictional area. Also include the total % reduction credit for all source controls up to the maximum 10% allowed by MRP 2.0.

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction	Total Reduction Credit (%)
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Per the MRP, non-population based permittees are not subject to this trash reduction requirement/provision; however, SMCFCFCD staff proactively participated in a variety of trash reduction actions. Highlights of the trash reduction activities that occurred in or were indirectly related to SMCFCFCD 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 on-average approximately 10 cleanup events utilizing work force from the Sheriff's Work Program. During this reporting period, the Program coordinated 14 work days for the Sheriff's Work Program and involving litter and debris cleanups within the lower reach of Colma Creek resulting in removal of approximately 45.7 cubic yards of trash and debris.
- In collaboration with the City of South San Francisco, SMCFCFCD staff hosted and conducted outreach for Coastal Cleanup Day (Colma Creek hot spots), Earth Day, and National Rivers Cleanup Day volunteer cleanup events. These volunteer events resulted in the removal of approximately 7.1 cubic yards of trash and debris.
- 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. SMCFCFCD 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.
- Conducted San Francisco Creek Flood Control Zone annual creek walk with JPA, identified priority locations for Coastal Cleanup Day, and assisted with coordination.
- On 11/6/2012, 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 SMCFCFCD Flood Control Zones.
- On 3/1/11, the County Board of Supervisors adopted Ordinance No. 04542 prohibiting food vendors from using polystyrene-based disposable food service ware. The ordinance covers unincorporated areas within the watersheds draining into the four SMCFCFCD Flood Control Zones.
- DPW/FCD continued partnership and planning with CWA and other Bay Area municipalities (San Jose, San Francisco, South San Francisco, Oakland, Palo Alto, Sunnyvale, and Cupertino) for the second phase of the ReThink Disposable project. ReThink Disposable is a non-regulatory research and outreach project aimed at identifying and implementing BMPs for reducing disposable products and packaging in take-out food businesses (fast food, cafes, convenience stores, and other take-out dining establishments). As part of an EPA-funded grant, outreach and self-audits at Bay Area restaurants, cafes, and food truck businesses were conducted, including outreach to restaurants in the Colma Creek watershed and unincorporated San Mateo County. Outreach included presentations (i.e., businesses & restaurant associations, chamber of commerce meetings, in-person visits to restaurants), web and social media postings, and distribution of project-related materials such as case studies, cost benefit analysis information, business BMP toolkits, promotional kits, and self-audit procedures. CWA staff visited more than 60 businesses in the South San Francisco, and the unincorporated communities of North Fair Oaks, Broadmoor, Montara, Moss Beach, El Granada, and Princeton. Three businesses in unincorporated San Mateo County participated in the audits and implemented BMPs to reduce take-out packaging and waste. The EPA grant-funded portion of the work ended in October 2015; however, the County has

C.10.b.iv ▶ Trash Reduction – Source Controls

Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and provide the associated reduction of trash within your jurisdictional area. Also include the total % reduction credit for all source controls up to the maximum 10% allowed by MRP 2.0.

- continued to serve on the ReThink Disposable TAC and is currently working with CWA to determine the pathway for a continued partnership and incorporation of ReThink Disposable materials and publications into related County efforts such as the Green Business Program. For more information on the program visit, <http://www.cleanwater.org/campaign/rethink-disposable>
- San Mateo County adopted an ordinance adding Chapter 3.50 Illegal Dumping and Littering to Title 3 of the San Mateo County Ordinance Code, introduced on April 26, 2016. Though illegal dumping is a crime, it is rarely prosecuted. Thus, to maximize enforcement, staff recommended that the county streamline and enhance existing administrative and civil tools by adopting the attached proposed chapter 3.50 of County Ordinance Code. The ordinance classifies both illegal dumping and littering public nuisances and sets forth criminal penalties for each action. Major violations of the ordinance are subject to an increased administrative penalty of \$3,000.00 after notice and an opportunity to appeal is given to the violator. At the same time, it expands the range of individuals potentially responsible for dumping and littering violations to include the following: 1) persons participating in violations, 2) persons whose motor vehicles are used in connection with an act of illegal dumping and 3) property owners whose tenants commit an act of illegal dumping. Finally, the proposed ordinance authorizes the County Manager to develop a community service program to serve as a possible alternative to payment of penalties imposed under the ordinance.
- As described above in Section C.5.c, in 2015 the County launched "Report It! SMC", the County's mobile app and web-based tool that empowers residents to report illegal dumping and graffiti in areas within unincorporated San Mateo County using their smart phone or online. Residents can report directly through several key websites including SeeClickFix (<http://seeclickfix.com/>) and Office of Sustainability (<http://green.smcgov.org/report-it-smc>).
- As described above in Section C.7.e, the SMCFCFD worked with the Colma TAC on development of a Memorandum of Agreement between the SMCFCFD and the City of South San Francisco to perform maintenance, cleanup, or enforcement on or along the channel. The MOA will serve to facilitate collaborative response for dealing with illegal encampments and cleanup issues such as illegal dumping and litter accumulation. The MOA was approved by the City of South San Francisco City Council on 8/24/2016, and should be fully executed and in effect in October 2016.

Please see Sections 7 and 10 of the County of San Mateo FY 14-15 Annual Report for additional trash control measures that were implemented by the County and Sections 7 and 10 of the SMCWPPP FY 15-16 Annual report for activities conducted on a countywide or regional level.

C.10.c ▶ Trash Hot Spot Cleanups

Provide the FY 15-16 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 15-16.

Trash Hot Spot	New Site in FY 15-16 (Y/N)	FY 15-16 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
SCF01	N	9/19/2015	1.2	1.0	0.3	0.5	0.2
SCF02	N	10/5/2015	1.2	1.0	1.3	2.7	0.6

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

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

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

Description of Significant Revision	Associated TMA

C.10.e. ► Trash Reduction Offsets (Optional)		N/A - Per the MRP, the SMCFCFD, a non-population based permittee, is not subject to Long-Term Trash Load Reduction Plan requirements.	
Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 15-16. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.			
Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 15-16	Offset (Jurisdiction-wide Reduction %)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	As described above, SMCFCFD and County staff continued to implement the Colma Creek Maintenance and Monitoring Program that was started in 2005. The Program involves quarterly inspections (including documentation of trash and illegal dumping) and on average 10 cleanups per year utilizing work force from the Sherriff's Work Program (SWP). For FY15-16, 14 SWP cleanups were conducted resulting in removal of approximately 45.7 cubic yards of litter and illegally dumped material. Additionally, County staff collaborated with the City of South San Francisco to coordinate two volunteer cleanup events (in addition to the Coastal Cleanup Day hot spot cleanup) in the lower reach of Colma Creek resulting in the removal of an additional 2.2 cubic yards of litter and illegally dumped material. Trash reduction % related to these receiving water cleanup efforts are not currently being counted towards the County's load reduction. Trash reductions resulting from increased levels of receiving water cleanups above pre-MRP levels may be counted towards the County's load reduction in the future.	N/A	N/A
Direct Trash Discharge Controls (Max 15% Offset)	N/A	N/A	N/A

Section 11 - Provision C.11 Mercury Controls

- C.11.a ▶ Implement Control Measures to Achieve Mercury Load Reductions**
- C.11.b ▶ Assess Mercury Load Reductions from Stormwater**
- C.11.c ▶ Plan and Implement Green Infrastructure to Reduce Mercury Loads**
- C.11.d ▶ Prepare Implementation Plan and Schedule to Achieve TMDL Allocations**
- C.11.e ▶ Implement a Risk Reduction Program**

Summary:

A summary of accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of SMCWPPP's FY 15-16 Annual Report.

Section 12 - Provision C.12 PCBs Controls

- C.12.a ▶ Implement Control Measures to Achieve PCBs Load Reductions**
- C.12.b ▶ Assess PCBs Load Reductions from Stormwater**
- C.12.c ▶ Plan and Implement Green Infrastructure to Reduce PCBs Loads**
- C.12.d ▶ Prepare Implementation Plan and Schedule to Achieve TMDL Allocations**
- C.12.e ▶ Evaluate PCBs Presence in Caulks/Sealants Used in Storm Drain or Roadway Infrastructure in Public Rights-of-Way**
- C.12.f ▶ Manage PCB-Containing Materials and Wastes During Building Demolition Activities So That PCBs Do Not Enter Municipal Storm Drains**
- C.12.g. ▶ Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins**
- C.12.h ▶ Implement a Risk Reduction Program**

Summary:

A summary of accomplishments for these sub-provisions are included within the C.12 PCBs Controls section of SMCWPPP's FY 15-16 Annual Report.

Section 13 - Provision C.13 Copper Controls

C.13.a.iii ▶ Manage Waste Generated from Cleaning and Treating of Copper Architectural Features				
(For FY 15-16 Annual Report only) Do you have adequate legal authority to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
(For FY 15-16 Annual Report only) Provide a summary of how copper architectural features are addressed through the issuance of building permits.				
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. Please see the County of San Mateo FY 15-16 Annual Report for a summary of how copper architectural features are addressed through the issuance of building permits for projects located in unincorporated San Mateo County and under the County's jurisdiction.				
(FY 15-16 Annual Report and each Annual Report thereafter) Provide summaries of permitting and enforcement activities to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction.				
Summary: As described above, SMCFCFD does not have legal authority for permitting and enforcement activities related to copper architectural features, and we rely on the legal authority of the municipalities in the Districts' watersheds for these activities. Please see the County of San Mateo FY 15-16 Annual Report for a summary of permitting and enforcement activities to manage waste generated from cleaning and treating of copper architectural features for projects located in unincorporated San Mateo County and under the County's jurisdiction.				
C.13.b.iii ▶ Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals				
(For FY 15-16 Annual Report only) Do you have adequate legal authority to prohibit the discharge to storm drains of water containing copper-based chemicals from pools, spas, and fountains?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
(For FY 15-16 Annual Report only) Provide a summary of how copper-containing discharges from pools, spas, and fountains are addressed to accomplish the prohibition of the discharge.				
Summary: SMCFCFD does not have legal authority for prohibiting the discharge of water containing copper-based chemicals from pools, spas, and fountains to storm drains, and we rely on the legal authority of the municipalities in the Districts' watersheds for these activities. Please see the County of San Mateo FY 15-16 Annual Report for a summary of how copper-containing discharges from pools, spas, and fountains are addressed for projects and activities located in unincorporated San Mateo County and under the County's jurisdiction.				
(FY 15-16 Annual Report and each Annual Report thereafter) Provide summaries of any enforcement activities related to copper-containing				

discharges from pools, spas, and fountains.
Summary: As described above, SMCFCDD does not have legal authority for enforcement activities related to copper-containing discharges from pools, spas, and fountains. Please see the County of San Mateo FY 15-16 Annual Report for a summary of enforcement activities related to copper-containing discharges from pools, spas, and fountains for projects or activities located in unincorporated San Mateo County and under the County's jurisdiction.

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

Based upon inspection activities conducted under Provision C.4, highlight copper reduction results achieved among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed.
Summary: The jurisdiction of the SMCFCDD is limited to the flood control channels that were constructed and maintained by the District. We do not have legal authority for pollutant control on industrial sites located within the adjacent jurisdictions; however, we do work collaboratively with the adjacent municipalities to address stormwater concerns, and County inspection staff are regularly trained. Past training materials have included resources such as the Santa Clara Valley Urban Runoff Pollution Prevention Program's June 3, 2010 "POC Commercial/Industrial Inspector Training Material".

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

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:

SMCFCD'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 guidebooks, along with other water conservation, less-toxic pest control, and appropriate watering/irrigation practices outreach materials can be found at: <http://www.flowstobay.org>. Please see Section C.9.e.ii of SMCWPPP's FY 15-16 Annual Report for a description of SMCWPPP's activities related to point-of-purchase outreach which promotes less toxic pest control and landscape management and Section C.7 for a description of outreach conducted to promote water conservation programs, such as promoting rain barrel use.

The County Planning and Building Department makes the above Guidebooks and other materials produced by the Countywide Program available to the public at the front counter of the permit desk. This material was designed to minimize runoff and pollutant loading from excess irrigation within our jurisdiction. These materials were also distributed at many of the outreach events summarized in C.7 above and in the County of San Mateo FY 15-16 Annual Report.

The County of San Mateo FY 15-16 Annual Report provides a summary of other related efforts such as the multi-agency Drought Task Force, water efficiency programs, and the Water Efficient Landscaping Ordinance.

Please see the following websites for example outreach materials and additional information:

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

<http://green.smcgov.org/>

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

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

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

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

<http://smchealth.org/asbs>