



Contra Costa County
Flood Control
& Water Conservation District

Brian M. Balbas,
ex officio Interim Chief Engineer
Mike Carlson,
Deputy Chief Engineer

September 12, 2017

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

Ms. Pamela Creedon, Executive Officer
California Regional Water Quality Control Board
Central Valley Region
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Mr. Wolfe and Ms. Creedon:

Enclosed is the 2016-17 Annual Report for the Contra Costa County Flood Control and Water Conservation District, which is required by and in accordance with Provision C.17 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board and/or by Provision C.13 in NPDES Permit Number CA0083313 issued by the Central Valley Regional Water Quality Control Board.

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 assure that qualified personnel properly gathered and evaluated 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 fines and imprisonment for knowing violations.

Sincerely,

Mike Carlson
Deputy Chief Engineer

MC:lz
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Enclosurec

c: Cece Sellgren

FY 2016-2017 Annual Report

Permittee Name: Contra Costa County Flood Control and Water Conservation District

ATTACHMENT B

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Permittee Name: Contra Costa County Flood Control and Water Conservation District

Section 1 – Permittee Information

Background Information				
Permittee Name:	Contra Costa County Flood Control and Water Conservation District			
Population:	N/A			
NPDES Permit No.:	CAS612008 (San Francisco Bay RWQCB Permit) and CA00883313 (Central Valley RWQCB Permit)			
Order Number:	R2-2015-0049 (San Francisco Bay RWQCB Permit) and R5-2010-0102 (Central Valley RWQCB Permit)			
Reporting Time Period (month/year):	July 2016 through June 2017			
Name of the Responsible Authority:	Mike Carlson	Title:	Deputy Chief Engineer	
Mailing Address:	255 Glacier Dr			
City:	Martinez	Zip Code:	94553	County: Contra Costa
Telephone Number:	925-313-2321	Fax Number:	925-313-2333	
E-mail Address:	Mike.carlson@pw.cccounty.us			
Name of the Designated Stormwater Management Program Contact (if different from above):	Cece Sellgren	Title:	Stormwater Manager	
Department:	Public Works			
Mailing Address:	255 Glacier Dr.			
City:	Martinez	Zip Code:	94553	County: Contra Costa
Telephone Number:	925-313-2296	Fax Number:	925-313-2333	
E-mail Address:	Cece.sellgren@pw.cccounty.us			

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The Contra Costa County Flood Control and Water Conservation District (CCC FCD) is staffed by the Contra Costa County (CCC) Public Works Department (PWD). Please see CCC's Annual Report for information on municipal operations compliance.

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: CCC FCD does not maintain these kind of facilities. Please see CCC Annual Report.

Permittee Name: Contra Costa County Flood Control and Conservation District

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

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

N/A	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
N/A	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments: **CCC FCD does not maintain these kind of facilities. Please see CCC Annual Report.**

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
Y	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
N/A	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments:

CCC FCD does not maintain these kind of facilities. Please see CCC Annual Report. All graffiti in CCC FCD concrete channels is either left alone (if not in the public eye) or painted over.

Permittee Name: Contra Costa County Flood Control and Conservation District

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 including listing increased maintenance in priority areas:			

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.

Permittee Name: Contra Costa County Flood Control and Conservation District

C.2.f. ► Corporation Yard BMP Implementation				
Place an X in the boxes below that apply to your corporation yard(s):				
<input checked="" type="checkbox"/>	We do not have a corporation yard			
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit			
<input type="checkbox"/>	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)			
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:				
<input type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment			
<input type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system			
<input type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method			
<input type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used			
<input type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants			
Comments: See Contra Costa County NPDES report.				
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	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date ²	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
N/A				

² Minimum inspection frequency is once a year during September.

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

C.3.b.iv.(1) ► Regulated Projects Approved Prior to C.3 Requirements

(For FY 2016-17 Annual Report only) Does your agency have any Regulated Projects that were approved with no Provision C.3 stormwater treatment requirements under a previous MS4 permit and that did not begin construction by January 1, 2016 (i.e., that are subject to Provision C.3.b.i.(2)?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If yes, complete attached Table C.3.b.iv.(1).

C.3.b.iv.(2) ► Regulated Projects Reporting

Fill in attached table C.3.b.iv.(2) or attach your own table including the same information.
 CCC FCD did not approve any regulated projects.

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):

C.3.e.v ► Special Projects Reporting

1. In FY 2016-17, 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)?		Yes	X	No
2. In FY 2016-17, 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.		Yes	X	No
<p>If you answered "Yes" to either question,</p> <ol style="list-style-type: none"> 1) Complete Table C.3.e.v. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. 				

C.3.h.v.(2) ► Reporting Newly Installed Stormwater Treatment Systems and HM Controls (Optional)

<p>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.</p>
<p>N/A</p>

C.3.h.v.(3)(a) –(c) and (f) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

Site Inspections Data	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 (FY15-16)	0/0%/ NA
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 16-17)	0/0%/ NA
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 16-17)	0/0%/ NA
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 16-17)	0/0%/ NA ³

³ Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year (FY 15-16), per MRP Provision C.3.h.ii.(6)(b).

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

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

C.3.h.v.(4) ► Enforcement Response Plan

(For FY 2016-17 Annual Report only) Has your agency completed an Enforcement Response Plan for all O&M inspections of stormwater treatment measures by July 1, 2017?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If No, provide schedule for completion: **CCC FCD does not have any SWTF, and therefore no need to develop an O&M Enforcement Response Plan. If the CCC FCD builds a SWTF within its channels or on a parcel owned by the CCC FCD, it will develop and O&M Inspection Enforcement Plan.**

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:
The Contra Costa Clean Water Program adopted a December 1, 2012 addendum to the Stormwater C.3 Guidebook, 6th Edition. The addendum, "Preparing a Stormwater Control Plan for a Small Land Development Project," includes step-by-step instructions, a project data form, and standard specifications for runoff reduction measures.

C.3.j.i.(5).(a) ► Green Infrastructure Framework or Work Plan

(For FY 2016-17 Annual Report only) Was your agency’s Green Infrastructure Framework or Work Plan approved by the agency’s governing body, mayor, city manager, or county manager by June 30, 2017?

		X	No
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If Yes, describe approval process and documentation:

If No, provide schedule for completion: **The CCC FCD has no plan to install SWTFs**

C.3.j.i.(5)(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:

Please refer to the CCCWP’s FY 16-17 Annual Report for a summary of outreach efforts implemented at the Countywide 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).

Summary of Planning or Implementation Status of Identified Projects:

The CCC FCD is not planning any green infrastructure 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 refer to the CCCWP's FY 16-17 Annual Report, Section 3 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 waste load allocations for TMDLs are being met.

Please refer to the CCCWP's FY 16-17 Annual Report, Section 3 for a summary of methods being developed to track and report implementation of green infrastructure measures.

C.3.b.iv.(1) ► List of Regulated Projects Approved Prior to C.3 Requirements			
Project Name Project No.	Project Location ⁴ , Street Address	Type of Stormwater Treatment Required ⁵	Type of Exemption Granted ⁶
None			

⁴ Include cross streets

⁵ Indicate the stormwater treatment system required, if applicable

⁶ Indicate the type for exemption, if applicable. For example, the project was previously approved with a vesting tentative map, or the Permittee has no legal authority to require changes to previously granted approvals (such as previously granted building permits).

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period

Project Name Project No.	Project Location ⁷ , Street Address	Name of Developer	Project Phase No. ⁸	Project Type & Description ⁹	Project Watershed ¹⁰	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹¹	Total Replaced Impervious Surface Area (ft ²) ¹²	Total Pre- Project Impervious Surface Area ¹³ (ft ²)	Total Post- Project Impervious Surface Area ¹⁴ (ft ²)
Private Projects											
N/A											
Public Projects											
N/A											
Comments:											

⁷Include cross streets

⁸If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

⁹Project 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.

¹⁰State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

¹¹All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹²All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹³For redevelopment projects, state the pre-project impervious surface area.

¹⁴For 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 ¹⁵	Application Final Approval Date ¹⁶	Source Control Measures ¹⁷	Site Design Measures ¹⁸	Treatment Systems Approved ¹⁹	Type of Operation & Maintenance Responsibility Mechanism ²⁰	Hydraulic Sizing Criteria ²¹	Alternative Compliance Measures ^{22/23}	Alternative Certification ²⁴	HM Controls ^{25/26}
Private Projects										
N/A										

¹⁵For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁶For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁷List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹⁸List 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.

¹⁹List 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.).

²⁰List 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.

²¹See 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).

²²For 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.

²³For 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.

²⁴Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁵If HM control is not required, state why not.

²⁶If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

Permittee Name: Contra Costa County Flood Control and Water Conservation District

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)

Project Name Project No.	Approval Date ²⁷	Date Construction Scheduled to Begin	Source Control Measures ²⁸	Site Design Measures ²⁹	Treatment Systems Approved ³⁰	Operation & Maintenance Responsibility Mechanism ³¹	Hydraulic Sizing Criteria ³²	Alternative Compliance Measures ^{33/34}	Alternative Certification ³⁵	HM Controls ^{36/37}
Public Projects										
N/A										
Comments: CCC FCD does not have any regulated projects.										

²⁷For public projects, enter the plans and specifications approval date.

²⁸List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²⁹List 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.

³⁰List 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.).

³¹List 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.

³²See 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).

³³For 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.

³⁴For 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.

³⁵Note whether a third party was used to certify the project design complies with Provision C.3.d.

³⁶If HM control is not required, state why not.

³⁷If 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 Installed³⁸ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

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

Name of Facility	Address of Facility	Party Responsible ³⁹ For Maintenance	Type of Treatment/HM Control(s)
N/A			

³⁸ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

³⁹ State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v. Special Projects Reporting Table												
Reporting Period – July 1, 2016 - June 30, 2017												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴⁰	Status ⁴¹	Description ⁴²	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁴³	LID Treatment Reduction Credit Available ⁴⁴	List of LID Stormwater Treatment Systems ⁴⁵	List of Non-LID Stormwater Treatment Systems ⁴⁶
None												

⁴⁰Date that a planning application for the Special Project was submitted.

⁴¹Indicate 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.

⁴²Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴³For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴⁴For 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.

⁴⁵List 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.

⁴⁶List 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.

Special Projects Narrative

None.

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure

Project Name and Location ⁴⁷	Project Description	Status ⁴⁸	GI Included? ⁴⁹	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁵⁰
None	N/A	N/A		

C.3.j.ii.(2) ► Table B - Planned and/or Completed Green Infrastructure Projects

Project Name and Location ⁵¹	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
None	N/A	N/A	N/A

⁴⁷ List each public project that is going through your agency’s process for identifying projects with green infrastructure potential.

⁴⁸ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁹ Enter “Yes” if project will include GI measures, “No” if GI measures are impracticable to implement, or “TBD” if this has not yet been determined.

⁵⁰ Provide 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.

⁵¹ List 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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:
 The CCC FCD does not have land use authority and does not conduct stormwater inspections for business

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.(2)(a) & (c) ► Facility Inspections

Fill out the following table or attach a summary of the following information. Indicate your reporting methodology below.

Permittee reports multiple discrete potential and actual discharges as one enforcement action.

Permittee reports the total number of discrete potential and actual discharges on each site.

	Number	Percent
Total number of inspections conducted (C.4.d.iii.(2)(a))	N/A	
Number of enforcement actions or discreet number of potential and actual discharges	N/A	
Violations Enforcement actions or discreet number of potential and actual discharges resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner (C.4.d.iii.(2)(c))	N/A	N/A

Comments:

C.4.d.iii.(2)(b) ▶ Frequency and Type of Enforcement Conducted

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

	Enforcement Action (as listed in ERP) ⁵²	Number of Enforcement Actions Taken
Level 1	N/A	N/A
Level 2	N/A	N/A
Level 3	N/A	N/A
Level 4	N/A	N/A
Total	N/A	N/A

C.4.d.iii.(2)(d) ▶ Frequency of Potential and Actual Non-stormwater Discharges by Business Category

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

Business Category ⁵³	Number of Actual Discharges	Number of Potential Discharges
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

C.4.d.iii.(2)(e) ▶ Non-Filers

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

The CCC FCD does not inspect businesses

⁵²Agencies to list specific enforcement actions as defined in their ERPs.

⁵³List your Program's standard business categories.

C.4.e.iii ► Staff Training Summary						
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
Commercial/ Industrial Stormwater Inspection Training Workshop	May 10, 2017	The A to Z of Illicit Discharge Maintenance Crew Response to Illicit Discharges with Field Demonstrations Responding to Private Sewer Later Overflows: One City's Perspective Who Ya' Going to Call: Panel Session with Illicit Discharge Scenarios	4	100%	4	100%
Comments: N/A, the CCC FCD does not inspect businesses.						

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.

Summary: The CCC FCD had no illicit discharges into its facilities

See Contra Costa County Annual Report

C.5.c.iii ▶ Complaint and Spill Response Phone Number

Summary of any changes made during FY 16-17:

No change

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	N/A
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))	N/A	

Comments:

The CCC FCD had no illicit discharges into its facilities

C.5.e.iii.(1) ▶ Control of Mobile Sources

(a) Provide your agency's minimum standards and BMPs for various types of mobile businesses (C.5.e.iii.(1)(a))

N/A – The CCC FCD has no authority over mobile businesses

(b) Provide your agency’s enforcement strategy for mobile businesses (C.5.e.iii.(1)(b))	
N/A	
(c) Provide a list and summary of the specific outreach events and education conducted by your agency to the different types of mobile businesses operating within your jurisdiction (C.5.e.iii.(1)(c))	
N/A	
(d) Provide number of inspections conducted at mobile businesses and/or job sites in 2016-2017 (C.5.e.iii.(1)(d):	
(e) Discuss enforcement actions taken against mobile businesses in 2016-2017 (C.5.e.iii.(1)(e) N/A	
(f) List below or attach the list of mobile businesses operating within your agency’s jurisdiction (C.5.e.iii.(1)(f))	
N/A	
(g) Provide a list and summary of the county-wide or regional activities conducted, including sharing of mobile business inventories, BMP requirements, enforcement action information, and education (C.5.e.iii.(1)(g))	
Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP’s FY 16-17 Annual Report for description of activities at the countywide or regional level. The CCCWP will be addressing all of the above requirements except for (d) and (e). Permittees will need to report on inspections of mobile businesses (d) and enforcement actions (e).	

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.3.a, b, c, d ▶ Site/Inspection Totals			
Number of active Hillside Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.a)	Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.c)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.3.b)	Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites, and sites disturbing 1 acre or more) (C.6.e.iii.3.d)
0	0	0	0
Comments: CCC FCD had no construction sites in 2016/17			

C.6.e.iii.3.e ▶ Construction Related Storm Water Enforcement Actions		
	Enforcement Action (as listed in ERP) ⁵⁴	Number Enforcement Actions Issued
Level 1 ⁵⁵	0	0
Level 2	0	0
Level 3	0	0
Level 4	0	0
Total	0	0

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

⁵⁵For example, Enforcement Level 1 may be Verbal Warning.

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C.6.e.iii.3.f, ► Illicit Discharges	
	Number
Number of illicit discharges, actual and those inferred through evidence at hillside sites, high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii. 3.f)	0

C.6.e.iii.3.g ► Corrective Actions	
Indicate your reporting methodology below.	
<input checked="" type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges as one enforcement action.
<input type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.
	Number
Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii. .3.g)	
Total number of enforcement actions or discrete potential and actual discharges for the reporting year	
Comments:	

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: The CCC FCD did not have any data to evaluate.

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.iii ▶ Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
None			

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.

Summary: The CCC FCD is engaged in a number of outreach campaigns, many of which relate to improved water quality in their facilities. These include lobbying for legislation to redefine stormwater as a utility, making local elected officials aware of flood protection infrastructure, coordinating with UC Berkeley professor Matt Kondolf to use CCC FCD facilities for Landscape Architecture class assignments, promoting the growth of native grasses in FCD channels, encouraging Contra Costa County cities to engage in stream restoration, and planning for the restoration of the lowest reach of Walnut Creek. In addition, refer to Section 7 in the CCCWP's FY 16/17 Annual Report for a summary of activities related to the planning and development of an Outreach Campaign.

C.7.c. Stormwater Pollution Prevention Education

CCC FCD continues to use the 1800-no-dumping hot line.

C.7.d ► Public Outreach and Citizen Involvement Events		
Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed. Use the following table for reporting and evaluating public outreach events		
Event Details	Description (messages, audience)	Evaluation of Effectiveness
Pinole Creek Fish Passage Improvement Project Ribbon Cutting Ceremony and Tour, Oct.24, 2016, local	Education, outreach, and celebration	Over 70 attendees. Wonderful culmination of years of dedication and hard work on the part of stakeholders to improve fish habitat in Pinole Creek.
Walnut Creek Watershed Council, Greening Grayson Creek, May 16, 2017, local	Education, Outreach, and Citizen Participation	Approximately 30 attendees. Community meeting for the Walnut Creek Watershed Council to discuss future plans for restoration in the watershed. Conducted outreach for stormwater pollution with attendees.
"Give the Natives a Chance" native grass planting event	Third year of planting native grasses and weeding nonnatives on the banks near the confluence of the Clayton Valley Drain and Walnut Creek in Concord. FCD works with the Restoration Trust. Volunteers anchored by Boy Scout Troop 239, as well as 40 other volunteers.	Repeat participation of volunteers (especially the boy scouts and CCC PWD employees, an increased cover of native grasses.
Oakley "Creek Week", April, 2017, Creekside Park, Oakley	Celebration of Marsh Creek in Oakley. This section of stream is owned and managed by the CCC FCD. The FCD worked with Friends of Marsh Cr and City to create a natural park as part of the FCD channel	Approximately 50 participants.
Walnut Creek Watershed Council, September 30, 2016	Creek clean-up in San Ramon Creek Bypass	9 volunteers, approximately 13 cy of trash and debris removed before the rain season
Outdoor Wetlands Learning (OWL)	Education and outreach with students at Liberty High School. Students used nearby Upper Sand Creek Detention Basin to learn about streams, native vegetation, riparian systems, trash, and the FCD's trash capture device just u/s of the detention basin	31 students, 1 teacher, and two FCS staff
Living Creeks: Native Fish in Urban Waterways	One day symposium featured including tour of Lafayette Creek, Introduction from	~ 30 attendees

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C.7 – Public Information and Outreach

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<p>October 12, 2016 Lafayette Veterans Memorial Hall</p>	<p>Supervisor Candace Anderson, Curtis Knight (Ex Dir of Cal Trout) and panel discussion of the state of local anadromous fish and successful anadromous fish restoration projects.</p>	
<p>Watershed Day at the Capitol March 29, 2017</p>	<p>CCC FCD once again teamed up with local watershed stewardship groups and environmental non-profits from the Bay Area to lobby State legislative staff and elected officials on the critical need to provide adequate funding for stormwater management and stream restoration.</p>	<p>CCC contingent visited the offices of five elected officials</p>

C.7.e. ► Watershed Stewardship Collaborative Efforts

CCC FCD is a cornerstone in watershed stewardship in Contra Costa County. The FCD co-sponsors the Watershed Forum, a bi-monthly meeting of several local environmental organizations. CCC FCD has a contract with Contra Costa Resource Conservation District to plan and produce Watershed Forum meetings. In addition CCC FCD staff attend the semi-monthly meeting to prepare the agenda for the next meeting

In addition, CCCWP staff will provide a summary of efforts conducted at the countywide or regional level.

C.7.f. ► School-Age Children Outreach

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment.

Use the following table for reporting school-age children outreach efforts.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Rains to Roots Richmond High School High School - some juniors and many seniors	In our Rains to Roots program, students explore the complicated question: How can you restore natural function to urban watersheds? By the end of the Rains to Roots program, students realize the issues that affect their communities from urban runoff and stormwater and have a practical understanding of how these issues can be mitigated through low impact design and green infrastructure.	52 students 1 teacher	Students actively participated in the design challenges and many coherently explained how their design restored natural function to urban watersheds. We observed that students came away with a greater understanding of the stormwater issues facing their community
Wild Oysters Richmond High School High School - mostly freshmen and sophomores	Wild oysters is a high-school program that uses native Olympia Oysters as a teaching tool. Targeting environmental science and biology students from underserved communities, we provide four classroom visits and two field trips to participating classes, all of which are free to most schools. Students will get the chance to experience a day in the life of a marine biologist as they put on rubber boots and collect data in the San Francisco Bay. They will also get to taste oysters in Tomales Bay, engaging all of their senses. Richmond High students participated in three classroom lessons and one field trip to Point Pinole.	189 students 1 teacher	Through our pre and post surveys, we found that students gained a greater understanding of the San Francisco Bay ecosystem and human impact on that ecosystem. We also saw greater interest in, and awareness of, science practices and STEM opportunities. We saw interest and engagement in local parks and interest in exploring those parks again in the future.
	Wild oysters is a high-school program that uses native Olympia Oysters as a teaching tool.	25 students	Through our pre and post surveys, we found that students gained a greater

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C.7 – Public Information and Outreach

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<p>Wild Oysters Vista High School High School</p>	<p>Targeting environmental science and biology students from underserved communities, we provide four classroom visits and two field trips to participating classes, all of which are free to most schools. Students will get the chance to experience a day in the life of a marine biologist as they put on rubber boots and collect data in the San Francisco Bay. They will also get to taste oysters in Tomales Bay, engaging all of their senses. Vista High students participated in a modified version of the curriculum, consisting of two classroom lessons and one field trip to Point Pinole.</p>	<p>1 teacher</p>	<p>understanding of the San Francisco Bay ecosystem and human impact on that ecosystem. We also saw greater interest in, and awareness of, science practices and STEM opportunities. We saw interest and engagement in local parks and interest in exploring those parks again in the future.</p>
<p>In addition: Refer to the C.7 Section of the CCCWP's FY 16-17 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level.</p>			

Permittee Name: Contra Costa County Flood Control and Water Conservation District

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?				<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If no, explain: CCC FCD follows Contra Costa County's IPM ordinance							
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation. Starting FY 16-17, Permittees are required to report the total quantity of the active ingredient used, not the total quantity of product used. Footnote 57 provides the list of active ingredients that need to be reported under the pyrethroids class of pesticides.							
Trends in Quantities and Types of Pesticide Active Ingredients Used ⁵⁶							
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount ⁵⁷						
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	
Organophosphates							
Active Ingredient Chlorpyrifos	0	0					
Active Ingredient Diazinon	0	0					
Active Ingredient Malathion	0	0					
Pyrethroids (see footnote #57 for list of active ingredients)							
Active Ingredient Type X	0	0					
Active Ingredient Type Y	0	0					
Carbamates							
Active Ingredient Carbaryl	0	0					
Active Ingredient Aldicarb	0	0					
Fipronil	0	0					

⁵⁶Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁵⁷Weight or volume of the 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.

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Indoxacarb	Reporting not required in FY 15-16	0				
Diuron	Reporting not required in FY 15-16	0				
Diamides	Reporting not required in FY 15-16	0				
Active Ingredient Chlorantraniliprole		0				
Active Ingredient Cyantraniliprole		0				
<p>IPM Tactics and Strategies Used:</p> <p>CCC FCD uses a combination of mechanical mowing, goat grazing, and tolerance of weeds within requirements of the US Army Corps of Engineers, the Natural Resources Conservation Service, several Fire Departments requirements. In addition the CCC FCD applies herbicides at strategic points of plants' growth cycle to retard growth and reduce cover of undesired species.</p>						

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.	N/A
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: CCC FCD vegetation management is provided by CCC employees. See CCC Annual Report for information on staff training.	

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C.9.c ▶ Require Contractors to Implement IPM				
Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If yes, did your municipality evaluate the contractor’s list of pesticides and amounts of active ingredients used?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No,
If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored				

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. Refer to the CCCWP’s FY 16-17 Annual Report, Section C.9 Pesticide Toxicity Controls for a summary of the CCCWP’s communication with Contra Costa County Agricultural Commissioner. See CCC Annual Report on interface with the CCC 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 CCCWP’s FY 16-17 Annual Report for information on point of purchase public outreach	

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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:

See the C.9 Pesticides Toxicity Control section of CCCWP's FY 16-17 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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:

See the C.9 Pesticides Toxicity Control section of CCCWP's FY 16-17 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.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 16-17, we participated in regulatory processes related to pesticides through contributions to the CCCWP, 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	
<p>For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage, including whether the 70% mandatory trash load reduction deadline was attained. If not attained, attach and include reference to a Plan to comply with the deadline in a timely manner, which should include the Permittee’s plan and schedule to install full capture systems/devices.</p>	
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) ⁵⁸	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 16-17	N/A
<p>Discussion of Trash Load Reduction Calculation and Attainment of the 70% Mandatory Deadline: CCC FCD does not have trash reduction requirements.</p>	
C.10.a.iii ► Mandatory Trash Full Capture Systems	

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Provide the following: 1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 16-17, during FY 16-17, 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.		
Type of System	# of Systems	Areas Treated (Acres)
Installed Prior to FY 16-17		
Large screen trash capture device at Upper Sand Creek Detention Basin	1	870
Installed in FY 16-17		
None		
Total for all Systems Installed To-date	1	
Treatment Acreage Required by Permit (Population-based Permittees)		N/A
Total # of Systems Required by Permit (Non-population-based Permittees)		1

C.10.b.i ► Trash Reduction - Full Capture Systems

Provide the following:

- 1) Jurisdiction-wide trash reduction in FY 16-17 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) The percentage of systems in FY 16-17 that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 16-17	Summary of Maintenance Issues and Corrective Actions
City of Antioch, Upper Sand Creek Detention Basin	N/A	1	1	The screen was not maintained in FY 16-17 due to extraordinary work load from excessive rain events and storm damage. The screen will be cleaned prior to the fall rains.
Total				

Certification Statement: : I certify that the CCC FCD Maintenance crews maintained the Full Trash Capture Device at Upper Sand Creek Basin 0 times in FY 16-17.

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 estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction
N/A	N/A	N/A	N/A	N/A

C.10.c ▶ Trash Hot Spot Cleanups

Provide the FY 16-17 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 16-17.

Trash Hot Spot	New Site in FY 16-17 (Y/N)	FY 16-17 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
FCD-SF01 Riverside Ditch	N	4/28/2017	89 lbs.	29 lbs.	36 lbs.	33 lbs.	58 lbs.
FCD-SF02 Pine Creek	N	6/14/2017	128 lbs.	245 lbs.	293 lbs.	181 lbs.	235 lbs.
FCD-SF03 Wildcat Creek @EBRPD	N	3/31/2017	93 lbs.	118 lbs.	101 lbs.	132 lbs.	134 lbs.
FCD-SF04 San Pablo Creek @ Parr	N	5/6/2017	243 lbs.	330 lbs.	302 lbs.	221 lbs.	294 lbs.
FCD-CV01 Line E	N	6/28/2017	NA	12 lbs.	25 lbs.	15 lbs.	261 lbs.
FCD-CV02 Line E (Part 2)	N	6/28/2017	81 lb.	24 lbs.	20 lbs.	22 lbs.	33 lbs.
Upper Sand Creek Basin	Y	6/28/2017	N/A	N/A	N/A	N/A	58 lbs.

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

Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), baseline trash generation maps, control measures, or time schedules identified in your plan. Indicate whether your baseline trash generation map was revised and if so what information was collected to support the revision. If your baseline trash generation map was revised, attach it to your Annual Report.

Description of Significant Revision	Associated TMA
N/A – The CCC FCD does not have a trash reduction plan	N/A

C.10.e. ► Trash Reduction Offsets (Optional)

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 16-17. 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 16-17	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	N/A	N/A	
Direct Trash Discharge Controls (Max 15% Offset)	N/A	N/A	

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Appendix XX. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 16-17.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 16-17 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 16-17 After Accounting for Full Capture Systems <u>and</u> Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture <u>AND</u> Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
None																		
Totals																		

The CCC FCD does not generate trash. It receives it.

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

See the CCCWP's FY 2016-17 Annual Report for:

- Documentation of mercury control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology⁶⁰ was used to calculate the mercury load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated mercury load reduced by each control measure); and
- Supporting data and information necessary to substantiate the load reduction estimates.

C.11.c ► Plan and Implement Green Infrastructure to Reduce Mercury Loads

If the regional or countywide mercury load reductions required by this sub-provision via Green Infrastructure by the end of the permit term are not met, will Permittees in your county use the default population-based method to calculate the portion of the countywide load reduction required of each Permittee?

X	Yes		No
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The CCC FCD does not have a Mercury load

C.11.e ► Implement a Risk Reduction Program

A summary of the CCCWP and regional accomplishments for this sub-provision are included in the C.11 Mercury Controls section of the CCCWP's FY 2016-17 Annual Report and/or a BASMAA regional report." **As an optional addition:** Describe any accomplishments by your municipality during FY 16-17 that contribute to implementation of this sub-provision, but only to the extent that these accomplishments are not already described in CCCWP's FY 16-17 Annual Report and/or BASMAA regional reports.

⁶⁰BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

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

Please see the CCCWP's FY 2016-17 Annual Report for:

- Documentation of PCBs control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology⁶¹ was used to calculate the PCBs load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated PCBs load reduced by each control measure); and
- Supporting data and information necessary to substantiate the load reduction estimates."

If the regional and countywide PCBs load reductions required by C.12.a are not met, will Permittees in your county use the default population-based method to calculate the portion of the countywide load reduction required of each Permittee?

X	Yes		No
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⁶¹BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

C.12.f ► Manage PCB-Containing Materials and Wastes During Building Demolition Activities So That PCBs Do Not Enter Municipal Storm Drains

A summary of CCCWP and regional accomplishments for this sub-provision is included in the C.12 PCBs Controls section of CCCWP's FY 2016-17 Annual Report and/or a BASMAA regional report.

Does your agency plan to seek exemption from this requirement?

Yes

No

C.12.g ► Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins

A summary of CCCWP and regional accomplishments for this sub-provision are included in the C.12 PCBs Controls section of the CCCWP's FY 2016-17 Annual Report and/or a BASMAA regional report.

C.12.h ► Implement a Risk Reduction Program

A summary of CCCWP and regional accomplishments for this sub-provision are included in the C.12 PCBs Controls section of the CCCWP's FY 2016-17 Annual Report and/or a BASMAA regional report.

Section 13 - Provision C.13 Copper Controls

C.13.a.iii ▶ Manage Waste Generated from Cleaning and Treating of Copper Architectural Features

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:
The CCC FCD does not permit authority over this matter

C.13.b.iii ▶ Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals

Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.

Summary:
The CCC FCD does not permit authority over this matter.

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 CCC FCD does not permit authority over this matter.

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:

The CCC FCD does not permit authority over this matter