



CITY OF PINOLE

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September 26, 2016

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 2015-16 Annual Report for the City of Pinole, 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.

"In accordance with Provision C.17.c, the City of Pinole was not in compliance with Provision C.5.c.iii, Complaint and Spill Response Phone Number. The City will be adding a link to the webpage on how to report a spill or dumping within the City."

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,


Michelle Fitzer, City Manager

Enclosure

FY 2015-2016 Annual Report
Permittee Name: City of Pinole

ATTACHMENT B

Table of Contents

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

Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Pinole				
Population:	20,000				
NPDES Permit No.:	CAS612008 (San Francisco Bay RWQCB Permit)				
Order Number:	R2-2015-0049 (San Francisco Bay RWQCB Permit) and/or R5-2010-0102 (Central Valley RWQCB Permit)				
Reporting Time Period (month/year):	July 2015 through June 2016				
Name of the Responsible Authority:	Michelle Fitzer			Title:	City Manager
Mailing Address:	2131 Pear Street				
City:	Pinole	Zip Code:	94564	Pinole	Zip Code:
Telephone Number:	510-724-8933		Fax Number:	510-724-8926	
E-mail Address:	mfitzer@ci.pinole.ca.us				
Name of the Designated Stormwater Management Program Contact (if different from above):	Tamara Miller			Title:	Development Service Director City Engineer
Department:	Development Services/Engineering				
Mailing Address:	2131 Pear Street				
City:	Pinole	Pinole	Pinole	Pinole	Pinole
Telephone Number:	510-724-9017		510-724-9017		510-724-9017
E-mail Address:	tmiller@ci.pinole.ca.us				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

City of Pinole has on-call staff that attend Contra Costa Clean Water Program Municipal Operation Committee meetings regularly.

City of Pinole has on-call staff that attends BASMAA meeting regularly and keeps the City up to date with current information.

The City of Pinole has standard operating procedures that align with stormwater best management practices. Catch basin inspections, cleaning and maintenance benefit the stormwater program as well as prevent flooding issues. Street sweeping and trash collection are also recurring activities that benefit the Program.

Refer to the C.2 Municipal Operations section of the CCCWP's Program's FY 15-16 Annual Report for a description of activities implemented at the countywide and/or regional 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.

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

Comments:

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
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs
Comments:	

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.

Y	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
Y	Control of discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
Y	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.
Y	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
Comments: Most of the maintenance work done within the City is contracted out. Staff does small jobs "in-house". Contracts for maintenance with the City all have specifications for implementation of appropriate BMPs.	

C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural ¹ roads:		<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes
If your answer is No then skip to C.2.f.		<input checked="" type="checkbox"/>	<input type="checkbox"/> No
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.

C.2.f. ► Corporation Yard BMP Implementation			
Place an X in the boxes below that apply to your corporations yard(s):			
<input 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 checked="" 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 checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment		
<input checked="" 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 checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method		
<input checked="" 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 checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments: The City of Pinole has a General Permit for discharges of Storm Water associated with Industrial Activities,			
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

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

**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:

1) Municipality's legal authority to implement c.3:

The City of Pinole has adopted a Stormwater Management and Discharge Control Ordinance to protect and enhance the water quality pursuant to and be consistent with the Porter Cologne Water Quality Control Act and the Federal Clean Water Act. It embodies the NPDES permit and any successor amendment or re-issuance. The Ordinance is currently being reviewed for potential updates for consistency with the re-issued permit.

2) Municipality's development review and permitting procedures, including conditions of approval or other enforcement mechanisms:

The City reviews all applications for development for the potential to be regulated under Provision C.3. All regulated projects are required to submit as part of their application to be deemed complete a preliminary Storm Water Control Plan (SWCP) for approval. Final development documents submitted are reviewed for consistency with the originally approved SWCP and for consistency between the site development plans and the approved SWCP.

3) How water quality effects and mitigation measures are addressed in environmental review:

Impacts on water quality are reviewed as part of the environmental certification project for each submittal.

4) C.3 training for appropriate departments:

Staff (or designated consultant staff) participates on the Contra Costa Clean Water Program Management Committee and attends the periodic update training for the implementation of C.3.

5) Outreach/education efforts to staff, developers, contractors, construction site operators and owner/builders:

Being a small community with very limited staff, virtually all staff is involved with the clean water program in one way or another. Through this involvement staff, and consultants, are continually involved in the Program activities and trainings. Staff encourages the development community and contractors to become aware and involved in the C.3 training. This is supported by announcement from the Contra Cost Program giving notice of trainings.

6) How your municipality encourage site design measures at unregulated projects subject to Planning/Building Department review:

Unregulated projects are still inspected for compliance with the Stormwater Management and Discharge Control Ordinance which prohibits non-stormwater discharges. Site between 2,500 s.f. and 10,000 s.f. of new impervious surface are to incorporate at least one measure in their project. The most common is to discharge rain water leaders to the landscaping.

7) **How your municipality encourages source control measures at unregulated projects subject to Planning/Building Department review:**
 Projects are reviewed for source control measures. Most commonly, for small commercial, source control measures are covered trash bin areas with drains to the sanitary sewer. Other activities include encouragement to minimize impervious surfaces and control of any chemicals that are not stored indoors.

8) **General plan revisions (if needed) to integrate water quality/watershed protection with water supply, flood protection, habitat protection, groundwater recharge, and other sustainable development principles and policies.**
 No general plan amendments have yet been identified but will be addressed, if necessary, in concert with the review of the Stormwater Management and Discharge Control Ordinance. It is anticipated that there will be some analysis that may lead to revision due to Green Infrastructure.

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.

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 City is following the design specifications included in the CCCWP's Stormwater C.3 Guidebook.

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 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)?		Yes	X	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.		Yes	X	No
If you answered "Yes" to either question, <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)

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.
See attached Table C.3.h.v.(2) for list of newly installed Stormwater Treatment Systems/HM Controls.

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)	4
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)	5
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)	5
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 15-16)	100% ²
Option 2 – Reporting Stormwater Treatment System Inspections	NA
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)	
Total number of stormwater treatment systems in your agency's database or tabular format at the end of the reporting period (FY 15-16)	
Total number of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	
Percentage of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	% ³

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).

³ Based 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).

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:

All of the sites inspected were in compliance.

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:

The City has a robust inspection program. All of the sites in the City are being inspected annually.

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. The City of Pinole's stormwater ordinance requires that applications for development approvals for projects subject to the permit's new development requirements include a Stormwater Control Plan meeting the criteria in the most recent version of the Stormwater C.3 Guidebook.

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:

Please refer to the CCCWP's FY 15-16 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).

Background Information:

Describe how this provision is being implemented by your agency, including the process used by your agency to identify projects with potential for green infrastructure, if applicable.

“Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Projects”.

Summary of Planning or Implementation Status of Identified Projects:

See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B for the required information, and any additional notes provided here (optional).

Refer to the BASMAA guidance, which includes detailed instructions for which infrastructure projects should be included in these tables.

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 15-16 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 wasteload allocations for TMDLs are being met.

Please refer to the CCCWP’s FY 15-16 Annual Report, Section 3 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

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)
Private Projects											
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Public Projects											
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments:											

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	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
Private Projects										
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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)**

Project Name	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}
Public Projects										
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments:										

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)

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)
Gateway East/West	Pinole Valley Road	Owner	LID

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												
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
Name of the Special Project and Project No. (if applicable)	Name of the Permittee in whose jurisdiction the Special Project will be built	Address of the Special Project; if no street address, state the cross streets	See footnote	See footnote	See footnote	Total site area in acres	Number of dwelling units per acre.	Floor Area Ratio	Category A: Category B: Category C: Location: Density: Parking: See footnote	Category A: Category B: Category C: Location: Density: Parking: See footnote	Indicate each type of LID treatment system and % of total runoff treated. See footnote	Indicate each type of non-LID treatment system and % of total runoff treated. Indicate whether minimum design criteria met or certification received See footnote
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

⁴⁴ Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

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

⁴⁶ For 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.

⁴⁸: List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

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.

Special Projects Narrative

There is no Special Project narrative for FY 15-16.

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

Project Name and Location ⁴⁴	Project Description	Status ⁴⁵	GI Included? ⁴⁶	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁷
Annual Building Rehabilitation			No	Building maintenance only
Paint City Hall	Painting of City Hall	Planning	No	Building maintenance
Paint Tiny Tots Bldg.	Painting of building	Planning	No	Building maintenance
Replace Senior Center Carpeting	Re-carpeting	Construction	No	Building maintenance
Tile Council Break Room	Installation of Tile Flooring	Planning	No	Building Maintenance
Replace Senior Center HVAC	Install new AC	Construction	No	Building maintenance
Replace Senior Center Roof	Reroof senior center	Construction	No	Building maintenance
Citywide Roof Repairs	Repair of building roofing	Design	No	Building maintenance
Tiny Tots Floor Slab Replacement	Design of slab repairs	Planning	No	Design only for building maintenance
Station 73 Improvements	Upgrades to fire station 73 building	Construction	No	Building maintenance
Community Playhouse	Structure for Parks Department	Planning	TBD	Building construction that may be regulated
Park Benches and Tables	Replacement of benches and tables	Ongoing	No	Maintenance of park benches and tables
Soccer Field Re-sod	Re-sodding of fields	Ongoing	No	Field re-sod
Park Lighting Replacement	Replace lighting	Planning	No	Maintenance of fixtures
Resurface Senior Center Parking Lot	Pavement maintenance	Planning	No	Dedicated funding for pavement repairs
Skate Park	Skate park construction	Construction	No	Under construction
Replace Chips with Rubber Matting	Play structure area renovation	Planning	No	Matting under play structures
Park Modular Restroom Purchase	Provide a restroom	Planning	No	Building construction that may be regulated

⁴⁴ List each public project that is going through your agency’s process for identifying projects with green infrastructure potential.

⁴⁵ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁶ 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.

⁴⁷ 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.

FY 2015-2016 Annual Report
Permittee Name: City of Pinole

C.3 – New Development and Redevelopment

Inflow and Infiltration Monitoring	Monitoring of I&I consultant contract	Planning	No	Monitoring project, no construction
Inflow and Infiltration Rehabilitations Project	Repairs to leaking sanitary sewers	Construction	No	Pipeline project with dedication sewer fund revenue
Hazel St Lift Station Rehabilitation	Rehabilitation of a sewage lift station	Construction	No	Repairs to a lift station with sewer fund revenue
Replace Storage Shelter and Improvements at Animal Shelter	Upgrades at animal shelter storage building	Construction	No	Too late
Upgrades to Wastewater Treatment Plant	Upgrades and expansion of the municipal treatment plant	Planning	TBD	May be a regulated project
Evaluation of Outfall	Evaluation of the treatment plant outfall	Planning	No	Technical study
Storm Drain Annual Rehabilitation	Repairs to failing storm drains on an as needed basis	Planning	No	Storm drain repairs
Storm Drain Master Plan	Study of storm drain system	Planning	No	Consultant work to perform study
Street Sign Program	Establish a program to evaluate current street signage	Planning	No	Study only
Annual Sign Replacement Program	Ongoing replacement of street signage	Planning	No	Signage replacement only
Establish Sidewalk Maintenance Program	Study to establish sidewalk repair program	Complete	No	Study only
Annual Sidewalk Replacement Program	Repair program of City sidewalks	Ongoing	No	Repairs only to existing curb, gutter and sidewalks
Annual Roadway Striping Program	Repairs to existing street striping and legends	Ongoing	No	Striping and legends only
Miscellaneous Roadway Repair	Minor repairs to roadway pavement	Ongoing	No	Minor pavement repairs
Pothole Repair Program	Callout for pothole repairs	Ongoing	No	Pothole repair only
Annual tree Trimming	Trimming of trees	Ongoing	No	Landscape work only
Arterial Overlay Program	Resurfacing of streets	Planning	No	Street maintenance only and no expansion of program
Residential Overlay Program	Resurfacing of residential streets	Construction	No	Street maintenance only and no expansion of program
San Pablo Ave Paving	Street resurfacing	Complete	No	Street maintenance only and no expansion of program
Pinole Valley Road Undergrounding District	Undergrounding of overhead utilities	Planning	No	Electrical and communication undergrounding only

C.3.j.ii.(2) ► Table B - Planned Green Infrastructure Projects			
Project Name and Location⁴⁸	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
N/A	N/A	N/A	N/A

⁴⁸ 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:

The City of Pinole has a very thorough and developed Industrial and Commercial Site Controls program. The City of Pinole performs Clean Water inspections at all of its licensed businesses every two years. For 2015-2016, City Inspectors performed 62 . All of the inspections requiring a re-inspection are performed in accordance with the Enforcement Response Plan administered by the City.

Refer to the C.4. Industrial and Commercial Site Controls section of the CCCWPs FY 15-16 Annual Report for a description of activities of the CCCWP’s Municipal Operations Committee and/or the BASMAA Municipal Operations Committee.

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.

Please see attached databases. The City of Pinole has a biennial inspection plan for all of it’s potential facilities. Every other year every potential site in the City is inspected. The City has created two databases for this reporting year. (2015-16) that represents all of the potential facilities. One of the databases has the entire list of sites “Not Inspected”; the other database has all of the completed inspections.

C.4.d.iii.(1)(a) ► Facility Inspections

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

<input checked="" 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	62	
Total number of inspections conducted	62	
Number of violations (excluding verbal warnings)	0	
Sites inspected in violation	0	N/A
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	0	N/A

Comments:

Sites inspected that are recorded as a site in violation receive a follow up inspection within the time frame required by the Enforcement Response Plan.

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

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)	0
Potential discharge and other	0
Comments: Please see Pinole Problem Stormwater Facilities Database in the attachments.	

C.4.d.iii.(1)(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) ⁴⁹	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ⁵⁰
Level 1	Verbal Warning/Warning Notice/Education	6	100
Level 2	Notice of Violation		
Level 3	Formal Enforcement		
Level 4	Legal Action		
Total		6	100

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.

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

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
Food Service	0	0
Mini-mart	0	0
Multi-unit	0	0
Gas Station	0	0
Grocery Store	0	0
Manufacturing	0	0
Retail	0	0
Vehicle Service	0	0
Hardware	0	0
Body Shop	0	0
Commercial	0	0
Fleet operations	0	0
Dry Cleaner	0	0
Building Supplies	0	0

C.4.d.iii.(1)(d) ▶ 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:

No industries identified as non-filers during scheduled inspections during this fiscal year.

⁵¹List 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 5, 2016	<ul style="list-style-type: none"> • Stormwater Inspections under MRP 2.0 • Inspecting Public Works Corporation Yards • Inspecting Mobile Businesses • Talkin' Trash 	2	2	100%	100%
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.

Summary:
Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP's FY 15-16 Annual Report for description of activities conducted at the countywide and regional level.

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

List below or attach your complaint and spill response phone number

Kim Odom – 1-510-741-3858

Provide your complaint and spill response web address, if used

Is a screen shot of your website showing the central contact point attached? Yes No

If No, explain:
The City of Pinole will be adding a link on the City webpage in FY 2016-2017 to facilitate the reporting of spills or dumping within the City.

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.

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	100
Discharges resolved in a timely manner (C.5.d.iii.(3))	0	100

Comments:

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.

MS4 maps are available upon request through the Engineering Department.

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(1) ► Hillside Development Criteria		
What criteria is your agency using to determine hillside development areas?	<input type="checkbox"/>	Local criteria such as maps of hillside development areas or other written criteria
	<input checked="" type="checkbox"/>	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.		
Description: The City of Pinole relies on the General Plan to determine "Hillside Development"		

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)
0	1	34
Comments:		

C.6.e.iii.2.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations⁵² excluding Verbal Warnings	% of Total Violations⁵³
Erosion Control	0	
Run-on and Run-off Control	0	
Sediment Control	0	
Active Treatment Systems	0	
Good Site Management	0	
Non Stormwater Management	0	
Total⁵⁴	0	100%

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 Issued ⁵⁶
Level 1 ⁵⁷		0	
Level 2		0	
Level 3		0	
Level 4		0	
Total		0	100%

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)	0
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)	0

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

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

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

C.6.e.iii.2.h, i ► Violation Correction Times		
	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)	0	% ⁵⁸
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	% ⁵⁹
Total number of violations (excluding verbal warnings) for the reporting year ⁶⁰	0	100%
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: With construction still slow within the City, the amount of data to evaluate is limited. For this reporting year there was only one project that triggered the inspecting and reporting threshold for this Provision. With only one site’s data on hand to evaluate, it is difficult to summarize data trends or even evaluate typical BMP performance from this site compared to another. The inspector for the City of Pinole did confirm that all BMPs were properly installed and only needed routine maintenance to work as designed.

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: The current inspection program implemented is working as planned. There have not been any violations of the City’s Ordinance during this past fiscal year. Current Best Management Practices required by the City and enforced by the City Inspector deem this program effective.

⁵⁸Calculated 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.
⁵⁹Calculated 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.
⁶⁰The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions, i.e., this assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

C.6.f ▶ Staff Training Summary				
Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	
CCCWP Construction Inspection Training Workshop	June 14, 2016	1. C.6 Requirements Overview – Highlights on the MRP 2.0 Requirements 2. Municipal Perspective - Hillside Project Policy 3. C.6 BMPs Tool Box & BMP Resources 4. MRP 2.0 and General Construction Permit Overlap and Differences 5. Inspections, Documentation, and Reporting	0	

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:

- **Refer to Section 7 in the CCCWP's FY 1516 Annual Report for summary of activities related to planning and development of an Outreach Campaign.**

C.7.c. Stormwater Pollution Prevention Education

The City of Pinole's local stormwater phone number is the starting point for information and resources relating to Stormwater Pollution Prevention, reporting of spills, discharges and complaints as well as technical information the City has on file to provide residents. In addition to the City point of contact, the Contra Costa Clean Water Program website has been listed along with the Countywide 1-800-NO-DUMPING hotline.

Local stormwater phone number(s)

1-510-741-3858
1-800-NO-DUMPING
925-313-2392

Local/Regional stormwater website(s)

www.cccleanwater.org

Outreach:

Refer to the CCCWP's FY 15-16 Annual Report, Section C.7 "Public Information and Outreach" for details on how the CCCWP maintains and publicizes the stormwater point of contact and provides stormwater pollution prevention education.

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
<p>In the 2015/2016 school year, EarthTeam led an after-school internship at Pinole Valley High School with the goal of empowering students to investigate marine debris issues in their school and community, focusing on Pinole Creek. Under the direction of EarthTeam Campus Coordinator Devin Cormia, 13 students met weekly to plan activities to educate their school and community about Pinole Creek, and address threats to water quality.</p>	<ol style="list-style-type: none"> 1. Litter Surveys 2. Creek Cleanups & Adoption of Flood Control Channel 3. Water Quality Monitoring 4. Willow planting with EBMUD 5. Neighborhood Canvassing & working with City of Pinole 6. On Campus Education 	<p>Student Quotes:</p> <p>“I feel that with participating in this internship has helped me grow as a person because it has enhanced my time management skills as well as leadership skills with others.” -Tatiana Duenes</p> <p>“I liked how well we all worked together and how teamwork played a huge roll in this internship.” - Hillari Wu</p> <p>“I appreciate creating a bond with my peers throughout our work at EarthTeam.” -Christina To</p> <p>“I have gained many skills such as creating professional relationships as well as communication.” -Christina To</p> <p>“Earth team gives students the opportunities to improve presentation skills. Last month, the interns and I spoke in front of Pinole Council about the issues emerging in Pinole Creek, neighborhood opinions and ways to implement ideas” -Christine Chinwuba</p>

		<p>“I've learned how to work with people as a team. I usually like to work alone but working with earth team showed me that working together gets the job done faster and I have taken away a life skill from that which will help me in my future work.” -Saloni Goswami</p> <p>“The internship would be more meaningful to me if we did more rather than staying at the school campus like going on field trips and such.” - Saloni Goswami</p> <p>“We should tackle more areas. Maybe trips to SF. to pick up trash because the environment is very dirty.”-Christine Chinwuba</p> <p>“I think the highlight of the program would be the sense of unity EarthTeam has. When we come together every week, I can see how we take our individual ideas and brainstorm ways to better our community. I like the idea of a small group from my high school gathering together to work towards a common goal that is beneficial to the city and environment.” -Rebecca Bui</p> <p>“Being a part of this internship had helped me understand the importance of commitment. Dedicating my time every Thursday after school had helped me learn to manage my time more wisely.” -Rebecca Bui</p> <p>“I wish we worked on more long term projects. I like seeing long term results.” -Rebecca Bui</p> <p>“Personally it was a really cool experience and I learned a lot of different things. I learned how to</p>
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		go up and present in front of people, and not be nervous. It was also really fun getting up there and making the crowd laugh and be entertained, but at the same time be able to see how serious they took what we were talking about and how much they liked the fact that there are young people that are also engaged in the community and are passionate for the environment. Perhaps the biggest lesson of the day, was that I learned that there are a lot of people with the same vision we have, it was cool to see that there are other people in our community that care about our environment but more specifically our creek. It was a really cool experience and I really enjoyed presenting and just having a great time with my fellow interns.” -Cristopher G
- Pinole's Annual Car Show, in partnership with "Recyclemore".	A public outreach booth was set up to help in the education of recycling used oil and protecting the waterways. The City of Pinole also teamed up with Recyclemore.	During this event the following items were distributed to the local community. All of the items below had a pollution prevention message 200 Oil funnels 406 Water Bottles 400 Re-usable tote-bags 25 Activity Books 68 coffee mugs
May 2015 – Supported “Bringing Back the Natives” Garden Tour	Refer to the C.7 Section of the CCCWP's FY 14-15 Annual Report	Refer to the C.7 Section of the CCCWP's FY 14-15 Annual Report
Supported – Our Water Our World	Refer to the C.7 Section of the CCCWP's FY 14-15 Annual Report	Refer to the C.7 Section of the CCCWP's FY 14-15 Annual Report
2016 Community Watershed Stewardship Grant Program	Refer to the C.7 Section of the CCCWP's FY 15-16 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level	Refer to the C.7 Section of the CCCWP's FY 15-16 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level

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:

The City of Pinole supported the following programs in FY 15-16:

- 1) 2016 Community Watershed Stewardship Program
- 2) Bring Back the Natives
- 3) Contra Costa Watershed Forum
- 4) Green Business Program
- 5) CCCleanWater.org Community Calendar

Refer to the CCCWP's FY 15-16 Annual Report, Section 7 Public Information and Outreach for a full description of the efforts and an evaluation of their effectiveness. All other efforts conducted locally or done on behalf of only local agencies should be reported by those agencies.

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
Development and initial implementation of "Be Classy Not Trashy" Youth Outreach Litter Campaign.	Refer to the C.7 Section of the CCCWP's FY 15-16 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level	Refer to the C.7 Section of the CCCWP's FY 15-16 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level	Refer to the C.7 Section of the CCCWP's FY 15-16 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level
Continuation of Mr. Funnelhead school, city/county events and	Refer to the C.7 Section of the CCCWP's FY 15-16 Annual Report for a description of School-age Children	Refer to the C.7 Section of the CCCWP's FY 15-16	Refer to the C.7 Section of the CCCWP's FY 15-16 Annual Report for a description of School-age Children Outreach efforts conducted at

TV ads.	Outreach efforts conducted at the countywide level	Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level	the countywide level
2016 Community Watershed Stewardship Grant Program	Refer to the C.7 Section of the CCCWP's FY 15-16 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level	Refer to the C.7 Section of the CCCWP's FY 15-16 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level	Refer to the C.7 Section of the CCCWP's FY 15-16 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level
<p>In the 2015/2016 school year, EarthTeam led an after-school internship at Pinole Valley High School with the goal of empowering students to investigate marine debris issues in their school and community, focusing on Pinole Creek. Under the direction of EarthTeam Campus Coordinator Devin Cormia, 13 students met weekly to plan activities to educate their school and community about Pinole Creek, and address threats to water quality.</p>	<ol style="list-style-type: none"> 1. Litter Surveys 2. Creek Cleanups & Adoption of Flood Control Channel 3. Water Quality Monitoring 4. Willow planting with EBMUD 5. Neighborhood Canvassing & working with City of Pinole 6. On Campus Education 	13	Please see Section C.7.d for Student Quotes that have been submitted as an evaluation of effectiveness.

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 checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	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 Used⁶¹							
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	~15oz.						
Carbamates	0						
Fipronil	~1.25oz.						
Indoxacarb	Reporting not required in FY 15-16						
Diuron	Reporting not required in FY 15-16						
Diamides	Reporting not required in FY 15-16						
IPM Tactics and Strategies used: Contract landscape crews are							

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, cypemethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.

Bay Friendly certified and follow Bay Friendly tactics and strategies.						
--	--	--	--	--	--	--

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.	4
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	4
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.	100%
Type of Training: Contract applicators take the Bay friendly course and are certified.	

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
If yes, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored Bay Friendly certified contractors must review with the City the list of pesticides and active ingredients used.				

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 type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If yes, summarize the communication. If no, explain.			
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"/>
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:
See the C.9 Pesticides Toxicity Control section of the CCCWP's 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:
See the C.9 Pesticides Toxicity Control section of the CCCWPs FY 15-16 Annual Report for information on pest control contracting 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 the CCCWP's FY 15-16 Annual Report for a summary of public outreach to pest control operators and landscapers.

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 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

For Population-based Permittees, provide an estimate of 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 estimate on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the trash estimate below, including whether the applicable trash reduction performance guideline or deadline was attained. If not attained, include a discussion of next steps (e.g., development of a detailed plan or report of non-compliance).

Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	17.2%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii)	0%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv)	0%
SubTotal for Above Actions	17%
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	4%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	N/A
Total Estimated % Trash Load Reduction in FY 15-16	21%

Discussion of Trash Load Reduction Estimate:
 Please see the attached plan for the City of Pinole titled "**City of Pinole Plan and Schedule for Implementation of Additional Trash Load Reduction Control Actions to Attain 70% by July 1, 2017**".

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.		
Type of System	# of Systems	Areas Treated (Acres)
Installed Prior to FY 15-16		
Connector Pipe Screens/Filters	31	79
Netting Devices	0	0
HDS Units	11	0
GSRDs	0	0
LID Facilities	2	3
Installed in FY 15-16		
Connector Pipe Screens/Filters	0	0
Netting Devices	0	0
HDS Units	1	0
GSRDs	0	0
LID Facilities	0	0
Other	0	0
Total for all Systems Installed To-date		82
Treatment Acreage Required by Permit (Population-based Permittees)		42
Total # of Systems Required by Permit (Non-population-based Permittees)		N/A

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

Provide the following:

- 1) Jurisdictional-wide trash reduction in FY 15-16 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) Since the effective date of MRP 2.0 (January 1, 2016), the percentage of systems 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	Summary of Maintenance Issues and Corrective Actions
1	1.6	45	\$i	Maintenance records indicate there were no issues.
2	6.5			
3	8.0			
4	0.0			
5	0.0			
6	1.1			
7	0.0			
Total	17.2			

Certification Statement: The City of Pinole maintains it's systems to meet the full trash capture requirements for maintenance.

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

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
N/A	None

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 (%)
N/A	N/A	N/A	N/A	N/A	N/A

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
Pinole Creek – City of Pinole	N	9/14/2015	0.8 Cubic Yard	1.25 Cubic Yards	1 Cubic Yard	< 1 Cubic Yard	1.5 Cubic Yards

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), 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
The City revised baseline trash generation rates during 2015-2016 to better depict accurate baseline trash generation. The performed assessments and used staff knowledge. An updated map has been included as an attachment to the report.	3 & 7
For this year public schools (K-12, community colleges, and public universities) have been reclassified as a non-jurisdictional land use. A revised Baseline Trash Generation Rate map to show this reclassification has been attached.	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 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)	<p>In the 2015/2016 school year, EarthTeam led an after-school internship at Pinole Valley High School with the goal of empowering students to investigate marine debris issues in their school and community, focusing on Pinole Creek. Under the direction of EarthTeam Campus Coordinator Devin Cormia, 13 students met weekly to plan activities to educate their school and community about Pinole Creek, and address threats to water quality. Please see Section C.7 for more details on this program.</p> <p>Locations listed in order of frequency. Site visits range from 1-3x/month from September - May</p> <ol style="list-style-type: none"> 1. Pedestrian trail adjacent to PVHS, between Pinole Valley Road and Sarah Ct. 2. Creek channel and adjacent bank, adjacent to Sarah Ct. (this is where our permit from Contra Costa Country Flood Control District allowed us to enter creek and remove debris) 3. Areas adjacent to Pinole Library, redwood grove behind the library, native garden adjacent to Pinole Tennis courts 4. Pedestrian trail behind the bowling alley 	3.71	4%
Direct Trash Discharge Controls (Max 15% Offset)	N/A	0	0

Appendix XX. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 15-16.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 15-16 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		
1	8	9	106	0	123	11	9	103	0	123	1.6	11	9	103	0	123	0.0	1.6
2	0	8	21	0	29	12	8	9	0	29	6.5	12	8	9	0	29	0.0	6.5
3	68	57	13	0	138	106	27	5	0	138	8.0	106	27	5	0	138	0.0	8.0
4	2	1	22	0	25	2	1	22	0	25	0.0	2	1	22	0	25	0.0	0.0
5	1	19	0	0	20	1	19	0	0	20	0.0	1	19	0	0	20	0.0	0.0
6	0	9	0	0	9	8	0	0	0	9	1.1	8	0	0	0	9	0.0	1.1
7	2709	1	1	0	2711	2709	1	1	0	2711	0.0	2,709	1	1	0	2,711	0.0	0.0
Totals	2789	104	162	0	3055	2851	65	140	0	3055	17.2	2,851	65	140	0	3,055	0.0	17.2

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 countywide and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of the CCCWP's FY 15-16 Annual Report and/or BASMAA regional reports.

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 Permittee, CCCWP and BASMAA regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of the CCCWP's FY 15-16 Annual Report and/or BASMAA regional reports.

Section 13 - Provision C.13 Copper Controls

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

<p><i>(For FY 15-16 Annual Report only)</i> 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?</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/> No
<p><i>(For FY 15-16 Annual Report only)</i> Provide a summary of how copper architectural features are addressed through the issuance of building permits.</p>				
<p>Summary: The City of Pinole uses its Stormwater Ordinance to enforce the discharge of any pollutant to the MS4.</p>				
<p><i>(FY 15-16 Annual Report and each Annual Report thereafter)</i> 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.</p>				
<p>Summary: Any illicit discharge related to architectural copper would be enforced in accordance with the City's Enforcement Response Plan.</p>				

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? Yes 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:
Pinole Municipal Code prohibits the release of non-stormwater discharges to the City stormwater system unless otherwise approved by the RWQCB.

(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:
There has been no enforcement activity during the reporting period.

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:
Vehicle Service Facility Program
 A site inspection was conducted on 9 vehicle service facilities. During these inspections we check that floor drains are sealed; verify how they handle spills; how they dispose of rinse water, old parts, chemicals, rags and uniforms; cleaning and storage methods. These facilities were found to be in compliance.
Bio-Rad Monitoring Program
 A copper monitoring program for the cooling towers at Bio-Rad Facilities was developed in 2012. Bio-Rad has done self-monitoring checks throughout the year, to reduce copper from entering the collection system. Bio-Rad has bi-monthly copper samples tested by Inserv Company on these systems. Inserv Company sends copies of Bio-Rads bi-monitoring reports to the Pinole-Hercules WPCP to show their progress. There is a noticeable reduction in copper from 0.5mg/L to 0.0mg/L since Bio-Rad’s self-monitoring program has begun. This is due to the change in the cleaning process of their copper tubing. They were using an aggressive condenser tube cleaner that etched the copper tubes in their chillers. The copper reduction that we now see is because of a new method of cleaning the tubes that involves a mild solution that gets the job done without any etching or damage to the inner tubes. Bio-Rad has continually had a decrease in their copper results.

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 City of Pinole through the CCCWP promotes and implements several programs and measures to minimize pollutant loading from excess irrigation including, but not limited to:

- **Stormwater C.3 Guidebook adopted by ordinance, which promotes to land development professionals landscaping designed to: 1) minimize irrigation and runoff; 2) promote infiltration of runoff where appropriate; and, 3) minimize use of fertilizers and pesticides using pest-resistant plants that are suited to site conditions (e.g., soil and climate).**
- **Green Business Program, which promotes to businesses a variety of measures such as using drought tolerant plantings, mulching, carefully monitoring irrigation schedules and needs, and implementing Integrated Pest Management.**
- **Our Water Our World (OWOW) Program, which promotes to consumers at the point of purchase less toxic alternatives to combating lawn and garden pests.**
- **Bay Friendly Landscaping and Gardening Training and Certification Program, which promotes to landscapers a variety of measures designed to reduce waste and prevent stormwater pollution.**

Attachment C.4
Inspections 15-16

Pinole Clean Water Inspections
Fiscal Year 2015-2016

Annual Report
7/1/2015-6/30/2016

	Name	Address	City	Last Inspection Date	Inspector1	Program Category	Inspection Type	Enforcement?	Ed Materials Distributed
1	Bay Cleaners & Laundromat	2580 APPIAN Way	Pinole	04/07/16	KO	Dry Cleaner	Routine	No	No
2	Bay Park Independent Living	2621 APPIAN WAY	Pinole	12/31/15	KO	Food Service	Routine	No	Yes
3	Bear Claw Bakery	2340 SAN PABLO AVE	Pinole	12/17/15	JE	Food Service	Routine	No	Yes
4	Big Kmart Stores	1500 FITZGERALD DRIVE	Pinole	07/14/15	KO	Retail	Routine	No	No
5	Big O Tires Inc.	700 BELMONT WAY	Pinole	05/23/16	KO	Vehicle Service	Routine	Verbal	Yes
6	Burger King	1571 FITZGERALD DRIVE	Pinole	07/14/15	KO	Food Service	Routine	No	No
7	Carl's Jr Restaurant	1550 FITZGERALD DRIVE	Pinole	07/14/15	KO	Food Service	Routine	No	No
8	Chase Bank	1541 FITZGERALD DRIVE	Pinole	07/30/15	KO	O&M	Routine	No	No
9	China Delights	1501 TARA HILLS DRIVE	Pinole	03/17/16	KO/JE	Food Service	Routine	No	No
10	Chuck E. Cheese	1470 FITZGERALD DRIVE	Pinole	09/08/15	KO	Food Service	Routine	No	No
11	Cortez Tires & Auto Repair	730 SAN PABLO. BLD #1 B	Pinole	07/14/15	KO	Vehicle Service	Routine	No	Yes
12	Dave's Auto Repair	720 SAN PABLO AVE A	Pinole	07/14/15	KO	Vehicle Service	Routine	No	Yes
13	Dickey's BBQ	1473 FITZGERALD DRIVE	Pinole	09/08/15	KO	Food Service	Routine	Verbal	Yes
14	EA Auto Performance	730 SAN PABLO AVE. BLD 4	Pinole	07/14/15	KO	Vehicle Service	Routine	Verbal	Yes
15	eeonyx	750 BELMONT WAY	Pinole	05/23/16	KO	Manufacturing	Routine	No	No
16	Green Lantern	1907 SAN PABLO AVE	Pinole	08/25/15		Food Service			
17	Grocery Outlet	1460 FITZGERALD DRIVE	Pinole	02/22/16	KO	Grocery Store	Routine	No	No
18	Haweli Indian Restaurant	2554 APPIAN WAY	Pinole	08/26/15	KO/JE	Food Service	Routine	No	No
19	Hunan Villa Chinese Restaurant	632 SAN PABLO AVE. A	Pinole	01/06/16	KO	Food Service	Routine	No	No
20	In-N-Out Burger	1417 FITZGERALD DRIVE	Pinole	09/08/15	KO	Food Service	Routine	No	No
21	Integrity Muffler	730 SAN PABLO AVE 2	Pinole	05/23/16	KO	Vehicle Service	Routine	No	Yes
22	Jack in the Box	2689 PINOLE VALLEY ROAD	Pinole	09/21/15	KO	Food Service	Routine	No	No
23	JV Shopping Center	2701 PINOLE VALLEY ROAD	Pinole	09/21/15	KO	Property Mngt	Routine	Verbal	No
24	Kentucky Fried Chicken	1544 FITZGERALD DRIVE	Pinole	07/14/15	KO	Food Service	Routine	No	No
25	Kragen Auto Parts / O'Reilly	1251 TARA HILLS DRIVE	Pinole	03/17/16	KO	Vehicle Service	Routine	No	Yes
26	Major Line Gas	1390 SAN PABLO AVE	Pinole	10/22/15	KO	Gas Station	Routine	No	No
27	McDonald's	1402 TARA HILLS DRIVE	Pinole	03/17/16	KO/JE	Food Service	Routine	No	No
28	Metric Motor Sports	517 SAN PABLO AVE.	Pinole	07/14/15	KO	Vehicle Service	Routine	No	Yes
29	New Deli	624 SAN PABLO AVE. A	Pinole	01/06/16	KO	Food Service	Routine	No	No

30	Ohana Hawaiian BBQ	1554 FITZGERALD DRIVE	Pinole	07/14/15	KO	Food Service	Routine	No	No
31	Orchard Supply Hardware	1440 FITZGERALD DRIVE	Pinole	02/22/16	KO	O&M	Routine	No	No
32	Panda Express	1460 FITZGERALD DRIVE	Pinole	02/22/16	KO	Food Service	Routine	No	No
33	Papa Murphy's Take 'n Bake Pizza	1502 FITZGERALD DRIVE A	Pinole	02/22/16	KO	Food Service	Routine	No	No
34	Peet's Coffee & Tea	2712 PINOLE VALLEY RD	Pinole	06/02/16	JE	Food Service	Routine	No	Yes
35	Pinole Cleaners	2701 PINOLE VALLEY RD	Pinole	04/07/16	KO	Dry Cleaner	Routine	No	No
36	Pinole Senior Village	2850 ESTATES AVE	Pinole	01/20/16	KO	Food Service	Routine	No	No
37	Pinole Shores Business Park	806-824 SAN PABLO AVE.	Pinole	12/07/15	KO	O&M	Routine	No	No
38	Pinole Shores Business Park	806-824 SAN PABLO AVE.	Pinole	05/31/16	KO	O&M	Routine	No	No
39	Pinole Valley Arco	2747 PINOLE VALLEY RD	Pinole	06/13/16	KO	Gas Station	Routine	No	No
40	Pinole Valley Lanes	1580 PINOLE VALLEY RD	Pinole	07/09/15	KO	Commercial	Routine	No	No
41	Pinole Valley Shopping Center	2690-2830 PINOLE VALLEY	Pinole	07/27/15	KO	O&M	Routine	No	No
42	Pump House	700 TENNENT AVE	Pinole	07/09/15	KO	Grocery Store	Routine	No	No
43	Rickshaw Chinese Restaurant	1560 FITZGERALD DRIVE	Pinole	02/22/16	KO	Food Service	Routine	No	No
44	Round Table Pizza	1409 FITZGERALD DRIVE	Pinole	02/22/16	KO	Food Service	Routine	No	No
45	Sabor Latino 17	2511 SAN PABLO AVE	Pinole	05/04/16	KO	Food Service	Routine	No	Yes
46	Sam's Dog House	2432 SAN PABLO AVE	Pinole	05/04/16	JE	Food Service	Routine	No	Yes
47	San Pablo Cleaners	610 SAN PABLO AVE	Pinole	04/07/16	KO	Dry Cleaner	Routine	No	No
48	S&L Body & Frame	730 SAN PABLO AVE	Pinole	07/14/15	KO	Vehicle Service	Routine	No	Yes
49	Soban	2701 PINOLE VALLEY ROAD	Pinole	11/30/15	KO/JE	Food Service	Routine	No	No
50	Square Deal Garage	2500 SAN PABLO AVE	Pinole	05/23/16	JE	Vehicle Service	Routine	No	Yes
51	Subway Sandwiches #25528	2768 PINOLE VALLEY RD	Pinole	06/02/16	KO	Food Service	Routine	No	No
52	Sugar City Building Materials, Inc.	800 SAN PABLO AVE	Pinole	05/19/16	KO	Manufacturing	Routine	Verbal	No
53	Super Car Wash/Bubbles Car Wash	1261 TARA HILLS DR.	Pinole	03/17/16	KO/JE	Car Wash/Det.	Routine	Verbal	No
54	Tachikawa Japanese Restaurant	632 SAN PABLO AVE	Pinole	01/06/16	KO	Food Service	Routine	No	No
55	Taqueira Sanchez	2400 SAN PABLO AVE	Pinole	11/30/15	JE	Food Service	Routine	No	Yes
56	Taqueria Morena	2576 APPIAN WAY	Pinole	08/26/15	KO/JE	Food Service	Routine	No	No
57	Target	1400 FITZGERALD DR.	Pinole	02/22/16	KO	Retail	Routine	No	No
58	The Alley Cafe	2265 PEAR ST.	Pinole	08/13/15	KO/JE	Food Service	Routine	No	Yes
59	The Red Onion	2870 PINOLE VALLEY ROAD	Pinole	03/04/16	KO	Food Service	Routine	No	No
60	Togo's Eatery	1356 FITZGERALD DR.	Pinole	02/22/16	KO	Food Service	Routine	No	No
61	Valero	2401 APPIAN WAY	Pinole	06/13/16	KO	Gas Station	Routine	No	No
62	Valley Produce Market	1588 SAN PABLO AVE	Pinole	10/22/15	KO	Grocery Store	Routine	No	No

63	Vista Shell	1401 FITZGERALD DR.	Pinole	06/13/16	KO	Gas Station	Routine	No	No
64	Wendy's Old Fashioned Hamburgers	1581 FITZGERALD DR	Pinole	07/14/15	KO	Food Service	Routine	No	No
65	Western Contra Costa Transit Authority (WESCAT)	601 WALTER AVE	Pinole	05/12/16	KO	Fleet Operations	Routine	No	No
66	Wheel Works	1251 TARA HILLS DR.	Pinole	03/17/16	KO/JE	Vehicle Service	Routine	No	Yes
67	99 cent Only Stores	620-G SAN PABLO AVE	Pinole	01/06/16	KO	Retail	Routine	No	No
New businesses inspected during fiscal year 2015-2016									
Problem Facilities reinspected during fiscal year 2014-2015									
Permit Facilities inspected yearly									
Out of Business									
O&M Device Inspections									

Pinole Clean Water Inspections

Annual Report

Fiscal Year 2016-2017

7/1/2016-6/30/2017

	Name	Address	City	Last Inspection Date	Inspector1	Program Category	Inspection Type	Enforcement?	Ed Materials Distributed
1	7-Eleven Stores	2869 PINOLE VALLEY Road	Pinole			Mini-Market			
2	99 cent Only Stores	620-G SAN PABLO Ave	Pinole			Retail			
3	A La Mode Donuts and Ice Cream	2801 PINOLE VALLEY Road	Pinole			Food Service			
4	Accutech Auto	550 SAN PABLO Ave	Pinole			Vehicle Service			
5	Appian 80 Express	1577 TARA HILLS Drive	Pinole			Dry Cleaner			
6	Applebee's	1369 FITZGERALD Drive	Pinole			Food Service			
7	BT Sandwich and Deli	1279 SAN PABLO Ave.	Pinole			Food Service			
8	Café Marron	701 BELMONT WAY #C	Pinole			Food Service			
9	Cheese Steak Shop, Inc.	1394 FITZGERALD Drive	Pinole			Food Service			
10	China House	1971 SAN PABLO Ave	Pinole			Food Service			
11	Clemes & Clemes, Inc.	650 SAN PABLO Ave	Pinole			Manufacturing			
12	Cold Stone Creamery	1460 FITZGERALD Drive 103	Pinole			Food Service			
13	Crocketts Premier Auto Body	900 San Pablo Ave	Pinole			Vehicle Service			
14	Del Monte Center	600-632 SAN PABLO Ave	Pinole			Property Mngt			
15	Dolan Lumber	990 SAN PABLO Ave	Pinole			Hardware			
16	Dream's Auto Collision Repair Center	720 SAN PABLO Ave D	Pinole			Body Shop			
17	Food Maxx	1370 FITZGERALD Drive	Pinole			Grocery Store			
18	Foster's Freeze	993 SAN PABLO Ave	Pinole			Food Service			
19	Four Mile Cleaners	1441 TARA HILLS Drive	Pinole			Dry Cleaner			
20	Goodyear Tire Center	1520 FITZGERALD Drive	Pinole			Vehicle Service			
21	Happy Shashimi	2718 PINOLE VALLEY Road	Pinole			Food Service			
22	Hometown Buffet	1579 FITZGERALD Drive	Pinole			Food Service			
23	Ice Cream Mania	1514 FITZGERALD	Pinole			Food Service			
24	Jack in the Box	2689 PINOLE VALLEY Road	Pinole			Food Service			
25	Jim Dandy Muffler	636 SAN PABLO Ave	Pinole			Vehicle Service			
26	Ken Betts Chevron	2695 PINOLE VALLEY Road	Pinole			Gas Station			
27	King Valley Restaurant	795 FERNANDEZ Ave.	Pinole			Food Service			
28	Kragen Auto Parts / O'Reilly	1442 FITZGERALD Drive	Pinole			Vehicle Service			
29	Lucky's	1530 FITZGERALD Drive	Pinole			Grocery Store			
30	Mels	1441 FITZGERALD Drive	Pinole			Food Service			

31	Michael's Art & Craft	1450 FITZGERALD Drive	Pinole			Retail			
32	Noah's Bagels	1552 FITZGERALD Drive	Pinole			Food Service			
33	Oasis Nails & Spa	1346 FITZGERALD Drive	Pinole			Commercial			
34	Outback Steak House	1361 FITZGERALD Drive	Pinole			Food Service			
35	Panera Bread #1623	1376 FITZGERALD DRIVE	Pinole			Food Service			
36	Pear Street Bistro	2395 SAN PABLO Ave	Pinole			Food Service			
37	Pinole Creek Café	2454 SAN PABLO Ave	Pinole			Food Service			
38	Pinole Express	2298 APPIAN Way	Pinole			Gas Station			
39	Pinole Service Center	730 SAN PABLO Ave	Pinole			Property Mngt			
40	Pizza Hut	1211 TARA HILLS Drive	Pinole			Food Service			
41	Prof SMOG	730 SAN PABLO Ave 3	Pinole			Vehicle Service			
42	Ristorante Due Rose	1596 FITZGERALD	Pinole			Food Service			
43	Sabor Latino 17	2511 SAN PABLO AVE.	Pinole			Food Service			
44	Sizzler Restaurant	1515 FITZGERALD Drive	Pinole			Food Service			
45	Smart Stop	1007 SAN PABLO Ave	Pinole			Gas Station			
46	Solar Car Wash	730 5TH Ave	Pinole			Car Wash/Det.			
47	Starbucks Coffee #5260	1540 FITZGERALD Drive	Pinole			Food Service			
48	Subway Sandwiches #28855	1460 FITZGERALD Drive 102	Pinole			Food Service			
49	Sugar City Building Materials, Inc.	800 SAN PABLO Ave	Pinole			Manufacturing			
50	Taco Bell	1561 FITZGERALD Drive	Pinole			Food Service			
51	Taqueria Aguillilla	1588 FITZGERALD Drive	Pinole			Food Service			
52	Thai Spice	2701 PINOLE VALLEY Road B	Pinole			Food Service			
53	The Embers	600 SAN PABLO Ave	Pinole			Food Service			
54	Tina's Place	2300 SAN PABLO Ave	Pinole			Food Service			
55	Trader Joe's	2742 PINOLE VALLEY Road	Pinole			Grocery Store			
56	Uncle Chung's Szechwan	2550 APPIAN Way	Pinole			Food Service			
57	Walgreens	2750 PINOLE VALLEY Road	Pinole			Retail			
58	Western Contra Costa Transit Authority (WESCAT)	601 WALTER Ave	Pinole			Fleet Operations	Routine		
58	Yummy Gurt	2701 PINOLE VALLEY Road	Pinole			Food Service			
New businesses inspected during fiscal year 2015-2016									
Problem Facilities reinspected during fiscal year 2014-2015									
Permit Facilities inspected yearly									
Out of Business									

Attachment C.10.a
Plan to meet 70% requirement

City of Pinole

Plan and Schedule for Implementation of Additional Trash Load Reduction Control Actions to Attain 70% by July 1, 2017

Submitted to the
California Regional Water Quality Control Board for the San Francisco Bay Region
September 30, 2016
in compliance with Provision C.10 of the Municipal Regional Stormwater Permit

A. Introduction

The following plan and schedule for implementation of additional trash load reduction control measures is intended to facilitate the City of Pinole in achieving 70% trash load reduction mandate by July 1, 2017.

This plan is being submitted to satisfy Provisions C.10.a.i and C.10.f.v.a of the Municipal Regional Stormwater Permit.¹

The City of Pinole intends to achieve compliance by doing the following:

1. Installing additional Full Trash Capture devices in strategic locations within the publicly owned storm drain collection system
2. Seeking participation from developed properties to install additional Full Trash Capture devices in strategic locations within the storm drain collection systems on private property which are linked to the publicly owned storm drain collection system.

B. Implementation of Additional Full Trash Capture - Public

The City of Pinole intends on installing additional Full Trash Capture Devices in strategic locations which are to be determined in multiple Trash Management Areas. Currently the City has a bid to install 60 Basket Type devices in TMA 1 and TMA 3. Additionally, TMA 2 will be treated with C.3 LID.

Table 1: Additional Full Trash Capture Devices to Be Installed

Types of Devices	Total Number of Devices Per Type to Be Installed in FY 2016-2017
Connector Pipe Screens	
Baskets (Top Hats, Crescents, etc.)	60
C.3 LID	8
Other	
Total	60

The installation of devices would treat a total of approximately 22 acres. The additional acres that would be treated per trash generation rate per TMA are provided in Table 2.

¹ 1 Order R2-2015-0049, issued by the California Regional Water Quality Control Board for the San Francisco Bay Region became effective on January 1, 2016 and applies to 76 cities, towns, counties, and flood control districts.

Table 2: Additional Acres Proposed to be Treated by Full Trash Capture Devices Per Trash Generation Rate Per Trash Management Area in 2016-2017 and Projected Jurisdiction-Wide Percent Reduction

TMA	Additional Acres Proposed to Be Treated by Full Trash Capture Devices					Projected Jurisdiction-Wide Percent Reduction
	Low	Mod	High	Very High	Total Acres	
1			12		12	29.1
2		7	3		10	
3		7	3		10	
4					0	
5					0	
6					0	
7					0	
8					0	
9					0	
10					0	
Total	0	14	16	0	32	

C. Implementation of Additional Full Trash Capture - Private

The City of Pinole intends to reach out to developed properties to participate in installing additional Full Trash Capture devices in strategic locations within the storm drain collection systems on private property which are linked to the publicly owned storm drain collection system. As the City seeks to increase participation from others in achieving 70% trash load reduction mandate by July 1, 2017, it may be necessary to revise the stormwater management and discharge control ordinance². The revised ordinance will seek to give the City the necessary authority to require installation of full trash capture devices in additional acres of moderate and high trash generation in the City, the majority of which are located on privately-owned property that do not necessarily drain directly, but are linked, to the City’s MS4. The updated ordinance will include language that the City may require installation and maintenance of full trash capture devices, within a time frame specified by the City to prevent the discharge of trash or other pollutants from private parking lots, streets, roads, and drainage facilities into the storm drain system. The ordinance will also include language that (1) failure or refusal to timely comply with such requirement is prohibited and shall

² The first hearing by the Town Council of the updated stormwater management and discharge control ordinance is scheduled for 2016.

constitute a violation of the ordinance, which may result in administrative citations being issued, and (2) requires the property owner to enter into a long-term covenant or agreement ensure the operation and maintenance of full trash capture devices.

D. Summary of Control Measures and Offsets with Anticipated Percent Reduction

The City of Pinole intends to achieve compliance by installing additional Full Trash Capture devices in strategic locations within the publicly owned storm drain collection system increasing the trash capture from 17.5% to 29.1%.

The City of Pinole intends to achieve compliance by requiring the installation of additional Full Trash Capture devices in strategic locations within the privately owned storm drain collection system increasing the trash capture from what is currently measured as 0% to 36.9%.

Offsets may increase as the City continues to reach out and educate citizens with letter control programs and community service opportunities. Additionally the City is considering adopting a single use plastic bag ban. Further, the City seeks to start a dialog about eliminating single use polystyrene food containers.

Table 4: Projected Percent Reduction in Trash Load Through FY 2016-2017

Totals	Current Percent Reduction as of July 1, 2016	Projected Percent Reduction Through July 1, 2017
<i>Actions</i>		
Full Trash Capture Devices	17.5%	29.1%
Other Measures	0.0	0%
Ordinance	0.0%	~36.9%
<i>Subtotal</i>	17.5%	~66%
<i>Offsets</i>		
Additional Creek and Shoreline Cleanups	4%	4%
Direct Discharge Program	0.0%	0.0%
<i>Subtotal</i>	4%	4%
Total	21.5%	~70%

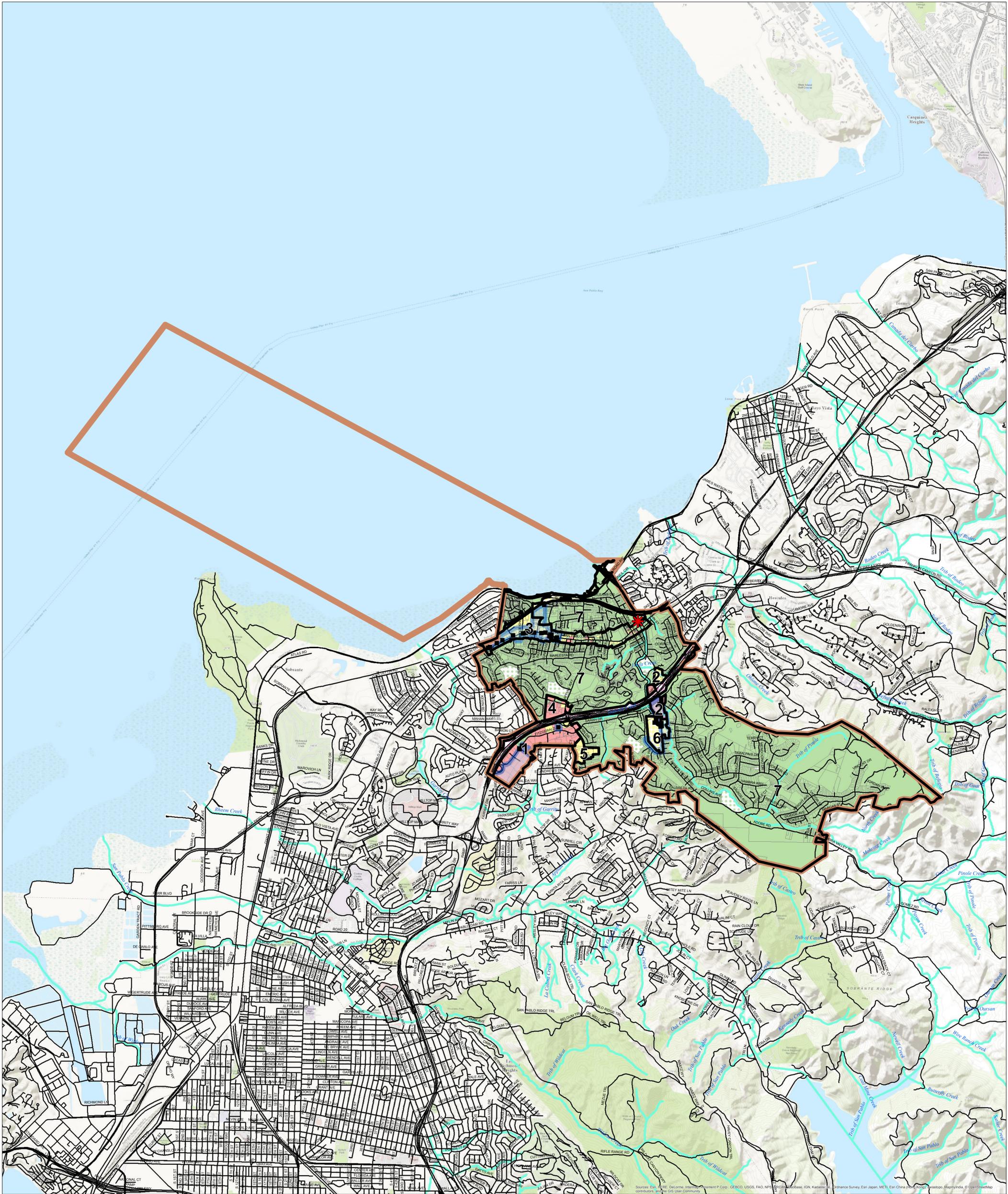
E. Plan and Schedule for Implementation Summary

The City of Pinole has begun the planning for installation of additional full trash capture devices. Locations have been located within the GIS system and vendors are being considered. Optimization of full trash capture devices is being carried out currently.

The City plans to reach out to private property owners in the targeted areas and seek increased participation in the installation of additional full trash capture devices. It is important to note that a large portion of the City's remaining high generation acreage is in large commercial centers that are privately owned. A revised ordinance may be necessary to enhance participation.

A revised ordinance is an important step and tool for achieving compliance. The process to update the current stormwater management and discharge control ordinance may take the City six to eight months to complete. Once the stormwater management and discharge control ordinance is revised, implementation of the revised requirements and installation of devices may take an additional 12-18 months.

Attachment C.10.d
Updated Baseline Trash Map



PINOLE Full Trash Capture and Trash Management Area Map

Trash Generation Category	Creek/Shoreline Hotspot	Streets
Low	Trash Management Area	Agency Boundary
Medium	Full-Capture Location	Creeks
High	Full Trash Capture	Parcel Boundary
Very High	Non-Jurisdictional (Dot color = Generation Category)	



Information contained on these maps is for the sole purpose of the Contra Costa Clean Water Program. Accuracy of the data is not guaranteed.

Map Created By CCCWP GIS

8/25/2016