



CITY OF SAN PABLO
City of New Directions



September 1, 2016

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

Dear Mr. Wolfe:

Enclosed is the 2015-16 Annual Report for the City of San Pablo, 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.

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,



Matt Rodriguez
City Manager

Enclosure

FY 2015-2016 Annual Report
Permittee Name: City of San Pablo

ATTACHMENT B

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Section 1 – Permittee Information

Background Information				
Permittee Name:	City of San Pablo			
Population:	30,215			
NPDES Permit No.:	CAS612008 (San Francisco Bay RWQCB Permit)			
Order Number:	R2-2015-0049 (San Francisco Bay RWQCB Permit)			
Reporting Time Period (month/year):	July/2015 through June/2016			
Name of the Responsible Authority:	Matt Rodriguez	Title:	City Manager	
Mailing Address:	13831 San Pablo Avenue, Building 1			
City:	San Pablo	Zip Code:	94806	County: Contra Costa
Telephone Number:	510-215-3016	Fax Number:	510-215-3011	
E-mail Address:	mattr@sanpabloca.gov			
Name of the Designated Stormwater Management Program Contact (if different from above):	Amanda Booth	Title:	Environmental Program Analyst	
Department:	Public Works			
Mailing Address:	13831 San Pablo Avenue, Building 3			
City:	San Pablo	Zip Code:	94806	County: Contra Costa
Telephone Number:	510-215-3066	Fax Number:	510-215-3013	
E-mail Address:	AmandaB@sanpabloca.gov			

Section 2 - Provision C.2 Reporting Municipal Operations

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

Summary:

The City of San Pablo performed the following activities regarding Municipal Operations:

- Attended weekly staff meetings with engineering staff, inspectors and maintenance staff where topics included new NPDES permit requirements, appropriate BMPs and other stormwater issues.
- Refer to the C.2 Municipal Operations section of the CCCWP'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: **None**

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.

Y	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: **None**

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: **None.**

C.2.e. ► Rural Public Works Construction and Maintenance					
Does your municipality own/maintain rural ¹ roads:		<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If your answer is No then skip to C.2.f.					
Place a Y in the boxes next to activities where applicable BMPs were implemented. If not applicable, type NA in the box and provide an explanation in the comments section below. Place an N in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.					
<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas				
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources				
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts				
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality				
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion				
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate				
<input type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings				
Comments including listing increased maintenance in priority areas: None.					

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):

- We do not have a corporation yard
- Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
- 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:

- Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
- Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
- Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
- 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
- Cover and/or berm outdoor storage areas containing waste pollutants

Comments:
None.

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
City of San Pablo Corporation Yard	9/16/2015	Site was clean and well kept, no violations found.	None.

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:

- **Legal Authority-** The City of San Pablo has the legal authority to implement the C.3 requirements through the City's Stormwater Ordinance: SPMC 8.40 Storm Water Management and Discharge Control, found here.
- **Development Review and Permitting Procedures-** The City has a checklist for all review and permitting procedures and this checklist includes the requirements for C3. When a project hits the C3 thresholds the plans are sent to Public Works (PW) for review, at this time an appropriately trained PW staff member will review the plans and provide comments for any conditions of approval such as C3 design requirements, source control measures and design control measures.
- **Environmental Reviews (CEQA) -** The Planning Department reviews the initial study (CEQA) and if required the City has their own study commissioned including findings and any mitigation that may be required. The review always includes potential effects on water quality.
- **C.3 training-** San Pablo uses the Contra Costa County-wide training and the CCCWP C3 Guidebook. Please refer to the CCCWP's FY 15-16 Annual Report for more information on this.
- **Outreach & Education to Staff and Others-** Contractors, staff, developers and others are consistently educated about C3 requirements through access to the CCCWP website (<http://www.cccleanwater.org/stormwater-c-3-guidebook/>) where there are tips and access to the C3 Guidebook. In addition, for many C3 regulated projects the City has a meeting with the applicant where we review and discuss requirements for C3 and other aspects.
- **Site design measures for unregulated projects-** design measures are encouraged through the conditions of approval process
- **Source control measures for unregulated projects-** source control measures are encouraged through the conditions of approval process.
- **General Plan revisions-** Chapter 7.3 of the San Pablo General Plan 2030 (Adopted April 2011) discusses water quality for both surface water and ground water. The General Plan has maps with the watershed boundaries, discusses the types of creeks located with their water quality ratings (IBI ratings) and creates guiding and implementing policies to help protect and improve water quality in San Pablo.

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.

See attachment C.3.b.i.v.(2) on pages 3-8, 3-9 and 3-10.

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 of San Pablo 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 checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
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Comments (optional): **At this time all regulated projects are required to perform 100% LID treatment onsite. No alternative compliance projects have been approved.**

C.3.e.v ► Special Projects Reporting

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

If you answered "Yes" to either question,
 1) Complete Table C.3.e.v.
 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.

No special projects have been received, reviewed or approved in the City of San Pablo during the 2015-2016 reporting year.

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) on page 3-11 for list of newly installed Stormwater Treatment Systems/HM Controls. The information in this table will be provided to the local mosquito and vector control agency by the CCCWP.

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)	8
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)	13
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)	2
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 15-16)	25%²
Option 2 – Reporting Stormwater Treatment System Inspections	
Total number of stormwater treatment and HM systems in your agency's database or tabular format at the end of the previous fiscal year (FY 14-15)	N/A
Total number of stormwater treatment systems in your agency's database or tabular format at the end of the reporting period (FY 15-16)	N/A

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).

Total number of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	N/A
Percentage of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	N/A %³

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

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:

The main issue in this year’s O&M Verification inspections were the absence of maintenance logs; this was also an issue last year. Another minor issue was trash in a bio-swale, however that was cleaned within 24 hours.

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:

In general the current O&M program is effective. To correct the lack of logs for the City, a training session was held on March 9th to help the maintenance staff. This is much more difficult to enforce for private companies. To try and change this, the City is recording O&M agreements at the County Clerk’s office and in the 2016-2017 reporting year City staff intends to provide additional notice and information to businesses that they will be inspecting.

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 San Pablo’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:

The following aspects summarize the City of San Pablo's outreach and education efforts pertaining to Green Infrastructure planning and implementation.

- **Informational presentation to the San Pablo City Council on July 6, 2015. Titled: "Reissuance of the Municipal Regional Stormwater Permit."**
- **Environmental staff held an informational meeting on November 4, 2015 with the following departments on the potential new GI requirements: Planning, Building, Public Works and Engineering.**
- **Information presentation to the San Pablo City Council on February 16, 2016. Titled: "City of San Pablo Environmental Programs Overview." A copy of the presentation can be found here: <http://www.sanpabloca.gov/index.aspx?nid=1400>**
- **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.

Summary of Planning or Implementation Status of Identified Projects:

The process used by the City of San Pablo to identify projects with potential for green infrastructure is explained in the BASMAA May 6, 2016 document "Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Projects". Attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B on pages 3-14 and 3-15 provide the information on the projects that are being assessed by the City.

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											
Shell Gas Station	2876 El Portal Drive, San Pablo CA 94806	AU Energy LLC	N/A	Re-development of commercial gas station	San Pablo Creek	1.80	0.87	2,808	29,878	35,595	32,686
Public Projects											
Plaza San Pablo Roads	Gateway Ave, San Pablo CA 94806 (near Chattelton Ln.)	City of San Pablo	Phase 4	Re-development to roads for mixed use retail, office and residential	Wildcat Creek	0.48	0.48	0	0.29	0.29	0.29
Plaza San Pablo Roads	Chattelton Ln, San Pablo CA 94806 (near Luna Ln and Gateway Ave.)	City of San Pablo	Phase 3	Re-development to roads for mixed use retail, office and residential	Wildcat Creek	0.37	0.37	0	0.24	0.24	0.24
Comments: None.											

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										
Shell Gas Station	January 21, 2015	May 19, 2015	Properly designed drain covers, covered wash area, covered trash enclosure, appropriate landscaping that will minimize runoff and pollutants, storm drain stenciling or signage & efficient landscape irrigation systems.	Minimized runoff by direct run-off to vegetated areas, limited the compaction to soils where possible and minimized impervious surface area.	Bioretention facilities	O&M agreement with private landowner	2.C	None.	No.	Not required due to no net increase in impervious surface area.

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).O:\NPDES\Clean Water Program\Annual Report\1516\Final Report and Letter\3 MRP FY 15-16 Annual Report Form V5.docx

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)										
Project Name Project No.	Approval Date³⁰	Date Construction Scheduled to Begin	Source Control Measures³¹	Site Design Measures³²	Treatment Systems Approved³³	Operation & Maintenance Responsibility Mechanism³⁴	Hydraulic Sizing Criteria³⁵	Alternative Compliance Measures^{36/37}	Alternative Certification³⁸	HM Controls^{39/40}
Public Projects										
Plaza San Pablo Roads Phase 4	6-21-2016	September 2016	Properly designed drain covers, appropriate landscaping that will minimize runoff and pollutants, storm drain stenciling or signage & efficient landscape irrigation systems.	Minimized runoff by direct run-off from sidewalk to vegetated area, limited the compaction to soils where possible and minimized impervious surface area.	Bioretention Facility	City of San Pablo- Maintenance schedule	2.C	None.	No.	Not required due to no net increase in impervious surface area.
Plaza San Pablo Roads Phase 3	6-21-2016	September 2016	Properly designed drain covers, appropriate landscaping that will minimize runoff and pollutants, storm drain stenciling or signage & efficient landscape irrigation systems.	Minimized runoff by direct run-off from sidewalk to vegetated area, limited the compaction to soils where possible and minimized impervious surface area.	Bioretention Facility	City of San Pablo- Maintenance schedule	2.C	None.	No.	Not required due to no net increase in impervious surface area.
Comments: Plaza San Pablo phases 3 &4 were only a road project with no buildings, therefore there was no need for plumbing to sanitary sewer for various discharges or trash enclosures as a source control requirement. In addition, this area was previously a mobile home park so there were no natural areas or drainage ways to preserve.										

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).O:\NPDES\Clean Water Program\Annual Report\1516\Final Report and Letter\3 MRP FY 15-16 Annual Report Form V5.docx

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)
Rumrill Sports Park	1509 Rumrill Blvd, San Pablo, CA 94806	City of San Pablo	Bio-retention Facilities
Plaza San Pablo Walgreens	13613 San Pablo Avenue, San Pablo, CA 94806	Site Owner- Art & Mehrzad Pakpour	Bio-retention Facilities
Abella Vista	Abella Vista Subdivision 9049 & 9270	Site Owner- Abella Vista HOA	Bio-retention Facilities
Plaza San Pablo Roads (Phase 1&2)	Chattleton Lane & Luna Lane, San Pablo, CA 94806	City of San Pablo	Bio-retention Facilities
Lao Family Parking Lot	1869 Rumrill Blvd, San Pablo, CA 94806	Site Owner- Lao Family Community Development	Bio-retention Facilities

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

⁴²State 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
None- There were no special projects in San Pablo in the 2015-2016 reporting year.	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

None- There were no special projects in San Pablo in the 2015-2016 reporting year.

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure				
Project Name and Location⁴⁴	Project Description	Status⁴⁵	GI Included?⁴⁶	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement⁴⁷
Rumrill Blvd. Complete Streets, Rumrill Blvd. from Costa Ave to San Pablo Ave.	This is a “Complete Streets” project that will overhaul Rumrill Boulevard to encourage multiple modes of transportation by creating a bike lane, underground utility lines and revitalize the street.	Funding has been received from Active Transport Program (ATP) and the City will be releasing the RFP for design in Fall 2016.	Likely- If funding agreement is reached between USEPA and the City.	The City submitted a grant proposal to USEPA for funding to include 11,500 Sf of LID facilities. The LID aspects will likely be bio-retention facilities along Rumrill Blvd. and Sutro Ave. in San Pablo.
Davis Park Bathroom Upgrades	New bathrooms at Davis Park.	Design to begin Winter 2016	Potential	The City will explore the potential for best practice, such as the disconnection of a roof down spout. The City will continue to review this opportunity as the project moves forward.
City-Wide Fiber Optics	This is an ongoing City project to install fiber optics throughout the City. Work will be done by micro tunneling	Ongoing- various parts of the city are in design	Unlikely	It is likely that most of this work will be done through micro-tunneling so that will be minimal opportunity to include GI. However, it and opportunity presents where a different situation occurs the City will investigate potential GI further.
Pavement Rehabilitation Project	This is an ongoing road resurfacing project.	Ongoing- various parts of the city are in design and/or construction	No	This project only maintenance of roads involves resurfacing the current roads in that City that are in poor condition. The project does not have the funding or the capability to include GI as it is currently structured.
San Pablo Ave. Complete Streets Project	This is a “Complete Streets” project that will overhaul San Pablo Ave. to encourage multiple modes of transportation by creating a bike lane.	Currently at 90% Design, will bid for construction in October.	No	The project did not have the funding to include GI and the area located in San Pablo is not an area of water quality concern so it believed the City would be better to spend the limited funds on the Rumrill Complete Streets Project.

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.

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
San Pablo Spine- 13613 San Pablo Ave, San Pablo CA 94806	This project is part of a wider green infrastructure grant project being implemented by the San Francisco Estuary Partnership.	Expected construction completion in 2017	This project will include bio-retention facilities on San Pablo Ave that will treat 0.56 acres of roadway.

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:

Summary:
 Over the 2015-2016 reporting year the City of San Pablo reviewed and updated the Business Inspection Plan and Enforcement Response Plan. These documents were updated to ensure compliance with the NPDES Permit and include new City contact information. The City also reviewed and updated the facility inspection list with the assistance of West County Wastewater District (since they perform the business inspections on behalf of the City through the CCCWP). A representative from the City of San Pablo and West County Wastewater District attended the CCCWP's Stormwater Inspection Workshop in May of 2016. For additional activities please refer to the C.4. Industrial and Commercial Site Controls section of the CCCWP's FY 15-16 Annual Report for a description of activities of the countywide program.

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 attachment C.4.b.iii (1) in the Annual Report 15-16 for the City of San Pablo's list of commercial facilities.

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	30	
Total number of inspections conducted	54	
Number of violations (excluding verbal warnings)	19	
Sites inspected in violation	15	50%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	19	100%

Comments:
 For the 15-16 reporting year the City and West County Waste District had scheduled 34 businesses, however 4 of the businesses scheduled for inspection closed. Therefore only 30 businesses were inspected. Sites that were inspected in violations are the number businesses that received written warnings from our business inspector. Fifteen business required re-inspection due to a written warning and were therefore a "site

inspected in violation.” All but four business rectified the issues without further inspection. The four business that required more than 1 re-inspection still rectified the issue within 10 business days or otherwise deemed resolved in a longer but still timely manner.

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	15
Comments: A discharge is counted as one discharge per source of discharge per inspection per site. All discharges were potential in reporting year 15-16.	

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	19	100%
Level 2	Notice of Violation	0	0%
Level 3	Formal Enforcement	0	0%
Level 4	Legal Action or Referral	0	0%
Total		19	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 Services	0	9
Vehicle Service	0	4
Grocery Store	0	1
Healthcare	0	1

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 were identified as non-filers during scheduled inspections during this fiscal year.

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 	3- One San Pablo Staff member and two West County Waste Water District (WCWD) employee. San Pablo contracts WCWD for their business inspections.	100%	N/A	N/A
CWEA – P3S Conference	Fe. 29 – Mar. 2, 2016	<ul style="list-style-type: none"> Stormwater management and public outreach Stormwater BMPs 	2- Two West County Waste Water District (WCWD) employee. San Pablo contracts WCWD for their business inspections	100%	N/A	N/A

Comments: **None.**

⁵¹List your Program's standard business categories.

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:

San Pablo has a very aggressive illicit discharge program where any discharger that allows a pollutant to enter the stormdrain system is automatically issued a \$1,000 administrative fine. We have found that this level of enforcement has decreased the number of violations. 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.

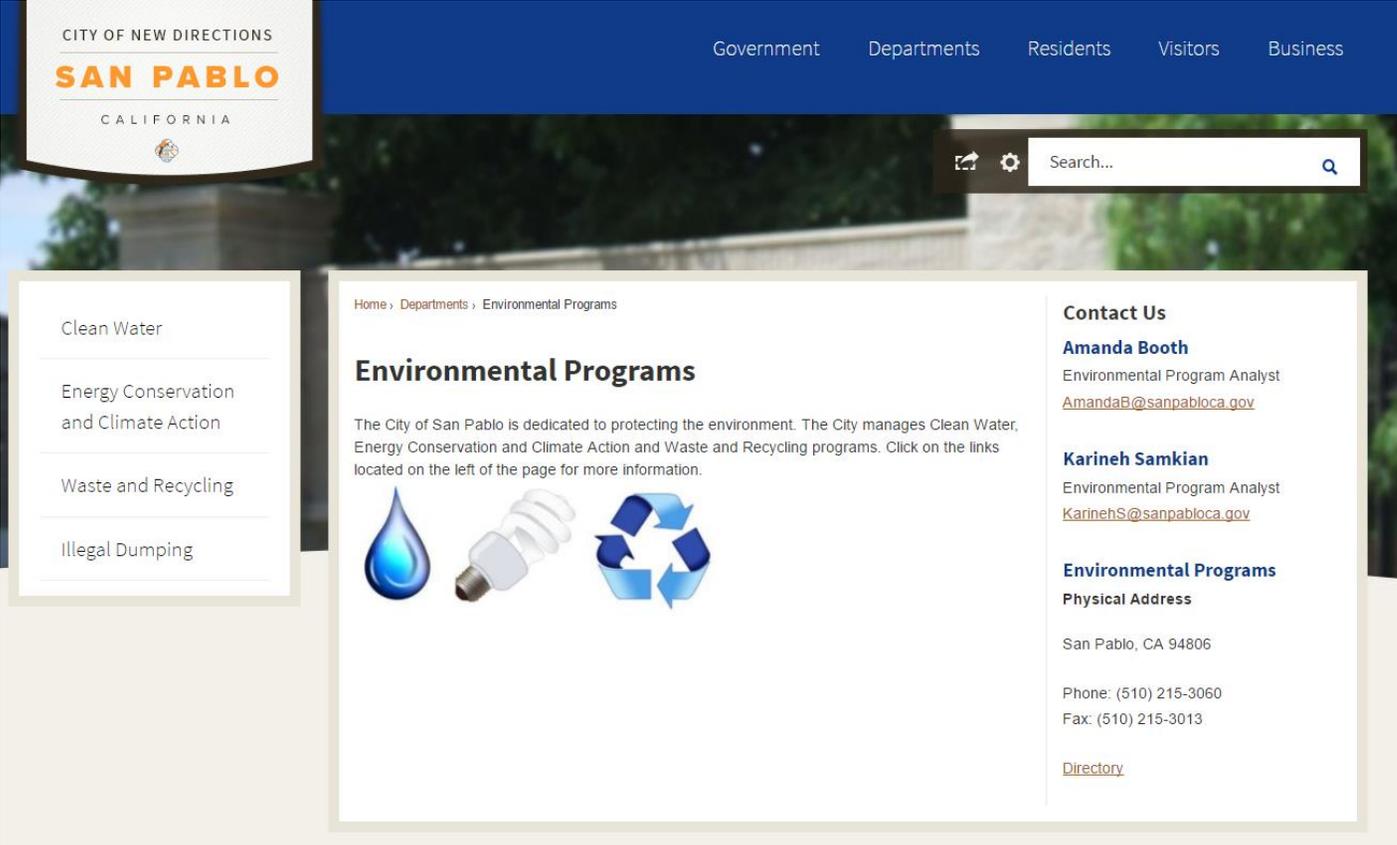
C.5.c.iii ► Complaint and Spill Response Phone Number

List below or attach your complaint and spill response phone number

The City of San Pablo has two complaint and spill response phone numbers advertised:

- (510) 215-3060 for during business hours
- (510) 233-1214 to reach San Pablo Police after hours

The screenshot shows the City of San Pablo website. The header includes the city logo and navigation links for Government, Departments, Residents, Visitors, and Business. A search bar is located in the top right. The main content area is titled 'Stormwater Pollution Prevention Tips' and includes a breadcrumb trail: Home > Departments > Environmental Programs > Clean Water > Stormwater Pollution Prevention Tips. The page lists four categories of tips: a. Report Illegal Dumping, b. Discourage Littering, c. Follow Car Wash Tips, and d. Clean Up Spills Properly. Each category includes a brief description and specific instructions. A sidebar on the left contains links for Construction Requirements, Stormwater Pollution Prevention Tips, and Creek Stewardship. A puzzle piece icon is visible on the right side of the page.

	
Provide your complaint and spill response web address, if used http://ca-sanpablo2.civicplus.com/1139/Stormwater-Pollution-Prevention-Tips http://www.sanpabloca.gov/index.aspx?NID=1139	
Is a screen shot of your website showing the central contact point attached?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If No, explain:	

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.

The central contact point is publicized through the City of San Pablo website, the CCCWP website, informational flyers, informational pamphlets, letters, warnings and notices.

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))	20	
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	10	10%
Discharges resolved in a timely manner (C.5.d.iii.(3))	17	85%

Comments:

Over the 2015-2016 reporting year the City’s Stormwater staff have been educating maintenance staff and inspectors regarding illicit discharge violations. With more staff aware of potential and actual discharge violations there have been more illicit discharges reported. All discharges and complaints are logged, investigated and reported in accordance with our ERP.

There were 10 complaints or discharges that were reported that did not reach the stormdrain or receiving waters. All of these incidents can be described in three general categories:

1. **Construction Activities (3 incidents) - The City received a complaint regarding track-out or poor BMPs at a construction site. The City was able to contact the responsible party and get the potential discharged cleaned and removed prior to entering the stormdrain system or receiving body. These incidents are included in the C.6 reporting.**
2. **Commercial Business (6 incidents) - The City received a complaint regarding inappropriate storage of items or a leaky rubbish area. The City was able to contact the responsible party and get the potential discharged cleaned and removed prior to entering the stormdrain system or a receiving body.**
3. **Other- The remaining potential discharge was a site power washing the sidewalk. The water from the site was not entering the Storm Drain system but the site was sent a warning and informed of the appropriate BMPs required.**

There were three unresolved illicit discharge situations in the 2015-2016 reporting year.

1. **On November 20, 2015 our maintenance crew reported a “milky white substance” in Rheem Creek. OES and authorities were notified, however the responsible party or origins of the substance was never able to be determined.**

2. In February of 2016 a resident reported a van dumping a “green substance” (likely to be antifreeze) into the stormdrain system. The City responded to the site however the van left prior to the City’s arrival and the resident requested to remain anonymous therefore Fish and Wildlife was unable to investigate further. OES was notified.
3. In May of 2016 Contra Costa College notified Richmond Fire Department of a “white substance” (likely to be paint) in Rheem Creek. OES and authorities were notified, however the responsible party or origins of the substance was never able to be determined. Since this was the second time a similar incident had occurred the City spoke with Richmond Fire, Fish and Wildlife and Contra Costa College. Contra Costa College will be including the City of San Pablo in their notification of a spill in the creek because many times we are able to respond faster to find the responsible party.

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.

The City’s MS4 Map is made available to the public by request. On the website the City advertises that a MS4 map can be made available to the public by contacting Amanda Booth at AmandaB@SanPabloCA.gov or by visiting City Hall at: 13831 San Pablo Ave. Building #3 San Pablo, CA 94806.

<http://ca-sanpablo2.civicplus.com/1139/Stormwater-Pollution-Prevention-Tips>

ca-sanpablo2.civicplus.com/1139/Stormwater-Pollution-Prevention-Tips

Create an Account - Increase your productivity, customize your experience, and engage in information you care about. Sign In

Storm Drain Map
For a hard copy of the City of San Pablo's Municipal Separate Storm Sewer System (MS4) Map please contact Amanda Booth at AmandaB@SanPabloCA.gov or visit:

13831 San Pablo Avenue
Building #3
San Pablo, CA 94806

e. Volunteer – Volunteer to clean your local creeks or join a workday restoring a natural area. The City hosts an annual Wildcat Creek Cleanup event in October. Check the website or the newsletter for more information. In addition, visit the links below for other volunteer opportunities:

- [Kids for the Bay](#)
- [SPAWNERS](#)
- [The Watershed Project](#)
-

f. Implement Responsible Gardening Practices – Maintaining a nice garden is important but by implementing responsible gardening practices, residents can significantly help prevent stormwater pollution. Here are some tips:

- **Minimize the Use of Chemicals** by only using pesticides only when non-chemical methods are ineffective. Choose the least toxic material and do not apply chemicals to your garden or lawn in excess, especially before irrigation or an anticipated rain event. View information about [pesticide alternatives](#) and for [managing specific pests](#).



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 uses the permit's definition of projects on site with ≥ 15% slope				

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)
# 2	# 5	# 31
Comments: Two of the seven projects listed above were from private development and one is a Cal-Trans project. Most of the violations were minor and rectified that day. One additional project outside of the ones listed above was inspected. This project was inspected seven times over the reporting year.		

C.6.e.iii.2.d ► Construction Activities Storm Water Violations		
BMP Category	Number of Violations⁵² excluding Verbal Warnings	% of Total Violations⁵³
Erosion Control	9	35%
Run-on and Run-off Control	0	0%
Sediment Control	12	46%
Active Treatment Systems	0	0%
Good Site Management	5	19%
Non Stormwater Management	0	0%
Total⁵⁴	26	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 Issued⁵⁶
Level 1 ⁵⁷	Verbal Warning/Warning Notice/Education	26	100%
Level 2	Notice of Violation	0	0%
Level 3	Formal Enforcement	0	0%
Level 4	Legal Action or Referral	0	0%
Total		26	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)	26	100%⁵⁸
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0%⁵⁹
Total number of violations (excluding verbal warnings) for the reporting year⁶⁰	26	100%
Comments: None.		

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: Compared to last year, there were fewer construction violations. This is believed to be due to increased communication between the environmental staff and project site managers. The staff are constantly sending reminder emails and speaking to sites prior to upcoming weather events that could cause issues.

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 program is working well. Monthly reminders are emailed to all inspectors of high priority sites to make sure inspection reports are completed correctly and on-time. All inspection reports are provided to the City's Environmental Program Analyst, who tracks the information in a spreadsheet. The C.6 training provided by the Contra Costa Clean Water program was particularly helpfully for some of the City inspectors. In the next reporting year, the City could improve by providing specific training to inspectors regarding hillside properties and effective erosion and sediment control. Refer to the C.6 Construction Site Control section of the CCCWP's FY 15-16 Annual Report for a description of activities conducted at the countywide and regional level.

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	<ol style="list-style-type: none"> 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 	1

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

Local stormwater phone number(s)	510-215-3060
Local/Regional stormwater website(s)	Local: http://www.sanpabloca.gov/index.aspx?nid=1100 Regional: www.cccleanwater.org
<p>Outreach:</p> <p>The City promotes the stormwater contact through the environmental section of the City's website and any notices or violations that are sent out. The City of San Pablo promotes the stormwater points of contact in two areas on the website; the main environmental page (http://www.sanpabloca.gov/index.aspx?nid=882) and the stormwater information page (http://www.sanpabloca.gov/index.aspx?nid=1100).</p>	

The City of San Pablo certifies that the City has a website that provides information and/or links to information on stormwater issues, watershed characteristic and stormwater pollution prevention.

Note: The City of San Pablo is in the process of updating the City's Website and this is expected to be completed in October 2016. Some current links that are listed in this report may no longer work once the new website is launched. <http://ca-sanpablo2.civicplus.com/1100/Clean-Water>

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.

- Point of Contact: <http://www.cccleanwater.org/contact/>
- Stormwater Issues: <http://www.cccleanwater.org/stormwater-issues-101/>
- Watershed Characteristics: <http://www.cccleanwater.org/watersheds/watershed-maps/>
- Stormwater Pollution Prevention Alternatives: <http://www.cccleanwater.org/prevent-pollution/landscaping/>

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
2016 Community Watershed Stewardship Grant Program	The CCCWP reviews applications from local creek groups for project funding and recommends projects to the County Watershed Council who then awards the grant. Please refer to CCCWP's C.7 Public Information and Outreach section of FY 15-16 Annual Report, Section C.7, for further details describing the program.	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 15-16 Annual Report, Section C.7, for further details regarding the effectiveness of this event.
May 2016 "Bring Back the Natives" Garden Tours	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 15-16 Annual Report, Section C.7, for further details describing the event. Please refer to CCCWP's C.7 Public Information and Outreach section of FY 15-16 Annual Report, Section C.7, for further details describing the program.	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 15-16 Annual Report, Section C.7, for further details regarding the effectiveness of this event.
CCCWP/BASMAA Websites	Provides CCCWP as a Point of Contact and websites on Stormwater Issues, Watershed Characteristics and Stormwater Pollution Prevention Alternatives. Please refer to CCCWP's C.7 Public Information and Outreach section of FY 15-16 Annual Report, Section C.7, for further details describing the program.	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 15-16 Annual Report, Section C.7, for further details regarding the effectiveness of this program.
Our Water Our World (OWOW)	This program involves tabling/outreach events at stores. Please refer to CCCWP's C.7 Public Information and Outreach section of FY 15-16 Annual Report, Section C.7, for further details describing the program.	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 15-16 Annual Report, Section C.7, for further details regarding the effectiveness of this program.
CCCleanWater.org Community Calendar, countywide	Website cities or organizations can advertise their creek or stormwater related events. Please refer to CCCWP's C.7 Public Information and Outreach section of FY 15-16 Annual Report, Section C.7, for further details describing the program.	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 15-16 Annual Report, Section C.7, for further details regarding the effectiveness of this program.
MyGreenGarden.org, countywide	Website with tips on green gardening that is interactive. Please refer to CCCWP's C.7 Public Information and	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 15-16 Annual

	Outreach section of FY 15-16 Annual Report, Section C.7, for further details describing the program.	Report, Section C.7, for further details regarding the effectiveness of this program.
Wildcat Creek Cleanup, October 10, 2015 Davis Park.	Annual creek cleanup at Davis Park. The City contracts with Kids for the Bay who visit local schools to teach about stormwater issues and promote the event.	20 participants collected trash adjacent to creek. 6 x 30-gallon trash bags, 1 recycling bags, and 1 compost bag were collected.
Wildcat Creek Earth Day with EarthTeam and San Pablo Rotary Club, April 16, 2016	For Earth Day, the City of San Pablo teamed up with EarthTeam and Rotary to weed non-native species along Wildcat Creek and plant 20 native trees. During the event citizens learned about Wildcat Creek, native plant species and how trash and pesticides are harmful to the creeks.	19 participants attended this event that planted 20 trees and removed non-natives species along approximately 80 feet of the creek bank.
Healthy Building Pilot Program, Ongoing from September 2015-Current	This is a pilot program implemented in multiple apartment buildings across the Bay area with the intention of reducing pests and pesticides through education and good house cleaning. Currently three buildings in San Pablo are participating in the program with a total of 18 units. The program has hosted multilingual educational sessions for buildings owners and tenants about how to reduce or eliminate pests with limited or no use of pesticides. These buildings are receiving free pest inspections for one year with an IPM certified company.	The program is ongoing, however initial results have shown a decrease in pests and no very limited used.

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 San Pablo was involved in the regional efforts for public information and outreach, please see described in 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. The City also participated in one additional school program described below (Bye, Bye Basura) and attends the local Watershed Council meetings that occur quarterly.

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
Bye Bye Basura, Elementary	Bye Bye Basura is an environmental education program that uses hands-on science, outdoor exploration, and an international exchange component to reduce litter in the community and raise awareness about marine debris. Third grade students in San Pablo are taught a lesson in their classroom, attend a field trip to a local creek or shoreline, and reflect on their experience by writing postcards to their peers in San Pablo's sister city - Manzanillo, Mexico. Educators from The Watershed Project then teach the same program to students in	In the 2015-16 school year, there were six 3rd grade classes involved from two San Pablo schools: Lake and Downer Elementary Schools. Bye Bye Basura served 150 students and 6 teachers in San Pablo. In Manzanillo, two classes participated in Bye Bye Basura, reaching 68 elementary school students and 15 high school student volunteers. We also trained 7 university students who will continue the program in Manzanillo.	No effectiveness evaluation has been done yet but teachers are trained in the topics. During the field trips, students participated in trash clean-ups, removing over 200 pounds of trash from the shoreline. Students wrote to their peers in their sister city about what they had learned. Over 60% of the students wrote about the importance of cleaning up trash, picking up litter, and recycling.

	Manzanillo, bringing the San Pablo students' postcards and facilitating the pen pal relationship.		
"Be Classy No Trashy", middle and high school.	Development and implementation youth outreach litter campaign. Please refer to CCCWP's C.7 Public Information and Outreach section of FY 16-15 Annual Report, Section C.7, for further details of this program.	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 16-15 Annual Report, Section C.7, for further details and numbers.	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 15-16 Annual Report, Section C.7, for further details regarding the effectiveness of this event.
Mr. Funnelhead School, City/County Events and TV Ads	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 16-15 Annual Report, Section C.7, for further details of this program.	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 16-15 Annual Report, Section C.7, for further details and numbers.	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 16-15 Annual Report, Section C.7, for further details regarding the effectiveness of this event

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: N/A								
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.								
Trends in Quantities and Types of Pesticides Used ⁶¹								
Pesticide Category and Specific Pesticide Used	Amount ⁶²							
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21		
Organophosphates	0							
Product or Pesticide Type A	0							
Product or Pesticide Type B	0							
Pyrethroids	0							
Product or Pesticide Type X	0							
Product or Pesticide Type Y	0							
Carbamates	0							
Product or Pesticide Type X	0							
Product or Pesticide Type Y	0							
Fipronil	0							
Product or Pesticide Type X	0							
Product or Pesticide Type Y	0							

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

⁶²Weight or volume of the product or preferably its active ingredient, using same units for the product each year. Please specify units used. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.

Indoxacarb	Reporting not required in FY 15-16					
Diuron	Reporting not required in FY 15-16					
Diamides	Reporting not required in FY 15-16					

The City of San Pablo included two IPM tactics over the reporting year. The first was reminding employees (especially over holidays) to remove or secure any food products to prevent encouraging pests in the buildings. The second IMP tactics was for the maintenance crew to remove, cut, pull and mow weeds prior to seeding to prevent them from spreading rather than using pesticides.

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.	2
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	2
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: <p>The City of San Pablo performed an IMP review on June 27, 2016, for this training, staff members that use or apply pesticides for the City were required to review the City's IMP Policy, were presented materials on how pesticides effect stormwater and there was a review of all IPM NPDES permit requirements. Two additional staff members attended the April 6, 2016 Bay Friendly Training Workshop for Municipalities, these employees are not currently using pesticides for the City however they are working on their certifications.</p>	

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				
<p>The City ensures that our pest contractor is following our compliance requirements by reviewing the list of pesticides that they use, informing them about our IMP policies and we have conversations to make sure they are meeting our standards.</p>				

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
<p>If yes, summarize the communication. If no, explain.</p> <p>Refer to the CCCWP's FY 15-16 Annual Report, Section C.9 Pesticide Toxicity Controls for a summary of the CCCWP's communication with Contra Costa County Agricultural Commissioner.</p>				
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<p>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.</p> <p>N/A</p>				

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:
<p>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.</p>

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)	40.7%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii)	0.0%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv)	10.0%
Sub Total for Above Actions	50.7%
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	10.0%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	0.0%
Total Estimated % Trash Load Reduction in FY 15-16	60.7%
Discussion of Trash Load Reduction Estimate:	
None.	

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 Screen (CPS) Units	76	407.38
Bioretention Facilities	8	39.51
Installed in FY 15-16		
Connector Pipe Screen (CPS) Units	0	0
Bioretention Facilities	5	13.96
Total for all Systems Installed To-date	89	461.14
Treatment Acreage Required by Permit (Population-based Permittees)		39
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) Jurisdiction-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	11.3	89	12%	Summary of Maintenance Issues and Corrective Measures: <ul style="list-style-type: none"> • 7 FTC devices were more than 50% full of trash <ul style="list-style-type: none"> ○ These devices have been recorded and will be maintained at a more frequent interval. • 3 FTC devices were recorded as “blocked” or “plugged”. These devices were blocked due to either plastic bags or dried sediment. <ul style="list-style-type: none"> ○ These devices will be monitored and if required maintained at a more frequent interval. • 5 inlets needed new “Drains to Creek” curb marker <ul style="list-style-type: none"> ○ These inlet locations have been recorded and new markers have been installed.
2	20.8			
3	3.4			
4	0.2			
5	0.6			
6	0.0			
7	0.0			
8	0.1			
9	2.5			
10	0.0			
11	1.4			
12	0.2			
13	0.1			
14	0.1			
Total	40.7			
Certification Statement:				
The City of San Pablo certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable systems in manner that meets the full capture system requirements included in the Permit.				

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
1	No New Actions in the 2015-2016 reporting year.
2	In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups in April 2012 and installed 3 ARS devices. No New Actions in the 2015-2016 reporting year.
3	No New Actions in the 2015-2016 reporting year.
4	No New Actions in the 2015-2016 reporting year.
5	No New Actions in the 2015-2016 reporting year.
6	In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups. No New Actions in the 2015-2016 reporting year.
7	No New Actions in the 2015-2016 reporting year.
8	In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups. No New Actions in the 2015-2016 reporting year.
9	In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups. No New Actions in the 2015-2016 reporting year.
10	In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups. No New Actions in the 2015-2016 reporting year.
11	In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups in April 2012 and installed 3 ARS devices. No New Actions in the 2015-2016 reporting year.
12	In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups. No New Actions in the 2015-2016 reporting year.
13	In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups. No New Actions in the 2015-2016 reporting year.
14	No New Actions in the 2015-2016 reporting year.

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

Provide the following:

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

TMA ID <i>or (as applicable)</i> Control Measure Area	Total Street Miles or Acres Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles or Acres Assessed	% of Applicable Street Miles or Acres Assessed	Avg # of Assessments Conducted at Each Site	
None.	None.	None.	None.	None	None.
Total		N/A	N/A	N/A	N/A

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 (%)
Single-use Plastic Bag Ordinance	<p>As reported in the City’s Long-Term Trash Load reduction Plan, the City of San Pablo adopted a plastic bag ordinance on January 1, 2014, which became enforceable on July 1, 2014.</p> <p>For more information or to view the ordinance in its entirety please visit: http://www.sanpabloca.gov/index.aspx?nid=1319</p>	<p>Surveys, inspections, and field monitoring were used to assess the effectiveness of the control measure in reducing trash from entering the municipal stormwater conveyance device.</p> <p>In January 2016, the price of single use paper or reusable bags in San Pablo increased to 10 cents per bag.</p>	<p>Over the 2015-2016 reporting year 24% of the retail and restaurant businesses registered in the City of San Pablo were inspected for plastic bag checks. Inspections were performed to check the effectiveness of the control measure. Zero businesses were out of compliance.</p>	8%	10%
Polystyrene Food Service Ware Ordinance	<p>The City adopted a polystyrene ban with an effective date of January 1, 2015. The ordinance became enforceable on April 1, 2015.</p> <p>For more information or to view the ordinance in its entirety please visit: http://www.sanpabloca.gov/index.aspx?nid=1401</p>	<p>Surveys, inspections, and field monitoring were used to assess the effectiveness of the control measure in reducing trash from entering the municipal stormwater conveyance device.</p>	<p>Over the 2015-2016 reporting year 31% of the retail and restaurant businesses registered in the City of San Pablo were inspected for the polystyrene food service ban. Inspections were performed to check the effectiveness of the control measure. Six businesses were out of compliance, but all corrected the violation within 10 business days.</p>	5%	

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
Davis Park from Footbridge to Culvert	N	9/16/2015	1	1	3.75	1	5.5- The increase in trash is believed to be associated with the new summer lunch program at the park adjacent to the creek. Staff are working with the program to reduce trash.

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

<p>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.</p>	
Description of Significant Revision	Associated TMA
<p>After visual confirmation, one parcel was deemed as “low” trash generation (Parkview Terrace Town Homes). This was a miss classification during the initial baseline assessment. This was revised and the new Baseline Map is Attached at the end of this Annual Report.</p>	<p>13</p>
<p>Public schools (K-12, community colleges, and public universities) have been reclassified as a non-jurisdictional land use. This was revised and the new Baseline Map is Attached at the end of this Annual Report.</p>	<p>1, 2, 7, 11, 12</p>

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>The City of San Pablo performed the following Creek and Shoreline Clean-ups during the 2015-2016 annual reporting year:</p> <ul style="list-style-type: none"> • Wildcat Creek Between Rumrill Blvd. and the City’s jurisdictional boundary <ul style="list-style-type: none"> • November 17, 2015- 26.6 cubic yards (4 truckloads) of trash was removed from Wildcat Creek. • February 9, 2016- 54.9 cubic yards (9 truckloads) of trash was removed from Wildcat Creek during this clean-up. 	81.5 Cubic Yards	10%
Direct Trash Discharge Controls (Max 15% Offset)	None.	None.	None.

Attachment C.10. 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	3	91	118	53	266	70	73	89	34	266	11.3	70	73	89	34	266	0.0	11.3
2	4	23	178	15	221	176	3	33	8	221	20.8	176	3	33	8	221	0.0	20.8
3	0	18	88	2	109	30	14	62	2	109	3.4	30	14	62	2	109	0.0	3.4
4	0	0	28	0	28	2	0	26	0	28	0.2	2	0	26	0	28	0.0	0.2
5	0	0	18	0	18	5	0	13	0	18	0.6	5	0	13	0	18	0.0	0.6
6	0	0	8	0	8	0	0	8	0	8	0.0	0	0	8	0	8	0.0	0.0
7	0	1	0	0	1	0	1	0	0	1	0.0	0	1	0	0	1	0.0	0.0
8	10	29	0	0	39	14	25	0	0	39	0.1	14	25	0	0	39	0.0	0.1
9	0	83	0	0	83	83	0	0	0	83	2.5	83	0	0	0	83	0.0	2.5
10	5	49	0	1	55	5	49	0	1	55	0.0	5	49	0	1	55	0.0	0.0
11	8	245	1	1	255	45	210	1	0	255	1.4	45	210	1	0	255	0.0	1.4
12	3	50	0	0	53	11	42	0	0	53	0.2	11	42	0	0	53	0.0	0.2
13	61	44	0	0	105	65	40	0	0	105	0.1	65	40	0	0	105	0.0	0.1
14	234	13	1	0	248	235	12	0	0	248	0.1	235	12	0	0	248	0.0	0.1
Totals	330	645	440	72	1488	740	470	232	45	1488	40.7	740	470	232	45	1,488	0.0	40.7

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. This includes our list of watersheds and management areas where control measures are currently being implemented or will be implemented during the term of the permit in accordance with Provision C.11.a.iii.(2).

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. This includes our list of watersheds and management areas where control measures are currently being implemented or will be implemented during the term of the permit in accordance with Provision C.12.a.iii.(2).

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:</p> <p>Due to issues with theft of copper products in the San Pablo area, it is highly unlikely that a structure would install copper architectural features. However, if an applicant was to propose copper architectural features the Development Services Department would inform Public Works who would make contact with the applicant to explain the potential social and environmental issues with copper features. The applicant would also be sent the BMPs for Architectural Copper Sheet that was developed by the CCCWP. Conditions of approval would be included in the permit that would require the appropriate BMPs.</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:</p> <p>Due to issues with theft of copper products in the San Pablo area, it is highly unlikely that a structure would install copper architectural features. However, if an applicant was to install copper architectural features the City would require the applicant to call for inspection during installation and the City would develop an O&M agreement for maintenance of the features.</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?

X	Yes	No
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(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:

There are very few pools and spas in the City of San Pablo. The owners of pools have access and/or have been sent the CCCWP “Draining Pools and Spas” information pamphlet. This pamphlet also has a sticker to put on the pumping equipment to remind owners to discharge to sanitary sewer. If any discharges do occur then staff would follow the illicit discharge protocols.

(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 have been no enforcement activities related to copper-containing discharges.

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:

Inspectors have been trained to identify potential users or sources of copper in facilities inspected through the BASMAA POC inspector training and materials.

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 Council has adopted the 7 Principles of Bay Friendly gardening and staff promote native and Bay Friendly gardening in our newsletter, at public events, and by example (replacing City owned areas with Bay Friendly gardening and drip irrigation). The City in collaboration with The Watershed Project, labeled the plants and placed an informational kiosk at the Senior Center native garden explaining the importance of native gardening. The Watershed Project received another grant which was used to develop a kiosk for the Wanlass Park creek restoration and informs locals about the importance of native plants. During C.3 plan reviews, the City requires drip irrigation. In addition, if landscaping water does enter the street or stormdrain system from private property, proper enforcement and education is conducted to correct the violation.

Additionally, the CCCWP promotes 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.b.iii (1) - City of San Pablo's list of commercial facilities.

Food Retail

Business Name	Street Number	Street	Industrial General Permit
Alba Restaurant	14417	San Pablo Avenue	No
Americana Pizza & Taqueria	13350	San Pablo Avenue	No
Asian Delight Chinese Food	13350	San Pablo Avenue	No
Bismillah Restaurant	102	San Pablo Town Ctr.	No
Blue Bay Thai Cuisine	13501	San Pablo Avenue	No
Café De Soliel	3550	San Pablo Dam Road	No
Champa Thai	3550	3550 San Pablo Dam Road	No
China Express	1841	1841 23rd Street	No
Delhi Dhaba & Chaat	13112 B	13112 B San Pablo Ave	No
Denny's	2526	2526 San Pablo Dam Rd	No
Der Wienershenitzel	14260	San Pablo Avenue	No
Donut King	2250	Broadway	No
El Pollo Loco	13139	13139 San Pablo Avenue	No
El Sitio	1811	23rd Street	No
El Tazumal	14621	San Pablo Avenue	No
Empire Buffet	700	San Pablo Town Ctr.	No
Fina's Pizza Restaurant	1873	23rd Street	No
Gou Bu Li	3340	San Pablo Dam Road	No
Gyoza Express	14350	Laurie Lane	No
Home Town Donuts	1811	23rd Street	No
HS Fish and Chips	3550	San Pablo Dam Road	No
Jack in the Box	50	San Pablo Town Ctr.	No
Jack in the Box	14395	San Pablo Avenue	No
Jamba Juice	30	San Pablo Town Ctr.	No
Jennifer and Todd's Café de Soliel	3550	3550 San Pablo Dam Road Space C	No
KFC	14400	San Pablo Avenue	No
Kin Sen Thai Cuisine	2229	Dover Ave.	No
Korean BBQ	13350	San Pablo Avenue	No
La Casa Del Pollo	1890	23rd Street	No
La Loma #11	1313	1313 Road #20	No
La Loma Inc.	1992	23rd Street	No
La Palmera Restaurant & Commissary	3300	Giant Road	No
La Plazuela	2022	23rd Street	No
La Strada Restaurant	2215	Church Lane	No
Lee's Garden	2300	El Portal Drive	No
Lee's Garden #2, Town Center	107	San Pablo Town Ctr.	No
Little Ceasars Pizza	2071	23rd Street	No
Los Compadres Taqueria	1742	1742 Rumrill Blvd.	No
Mariscos La Playita	2031	23rd Street	No
McDonalds	14480	San Pablo Avenue	No
McDonald's Restaurant	3320	San Pablo Dam Road	No
Mercado La Hacienda	2100	23rd Street	No
Nations	13296	San Pablo Avenue	No
Noya	14350	Laurie Lane	No
O'Henry Donuts	13501	San Pablo Avenue	No

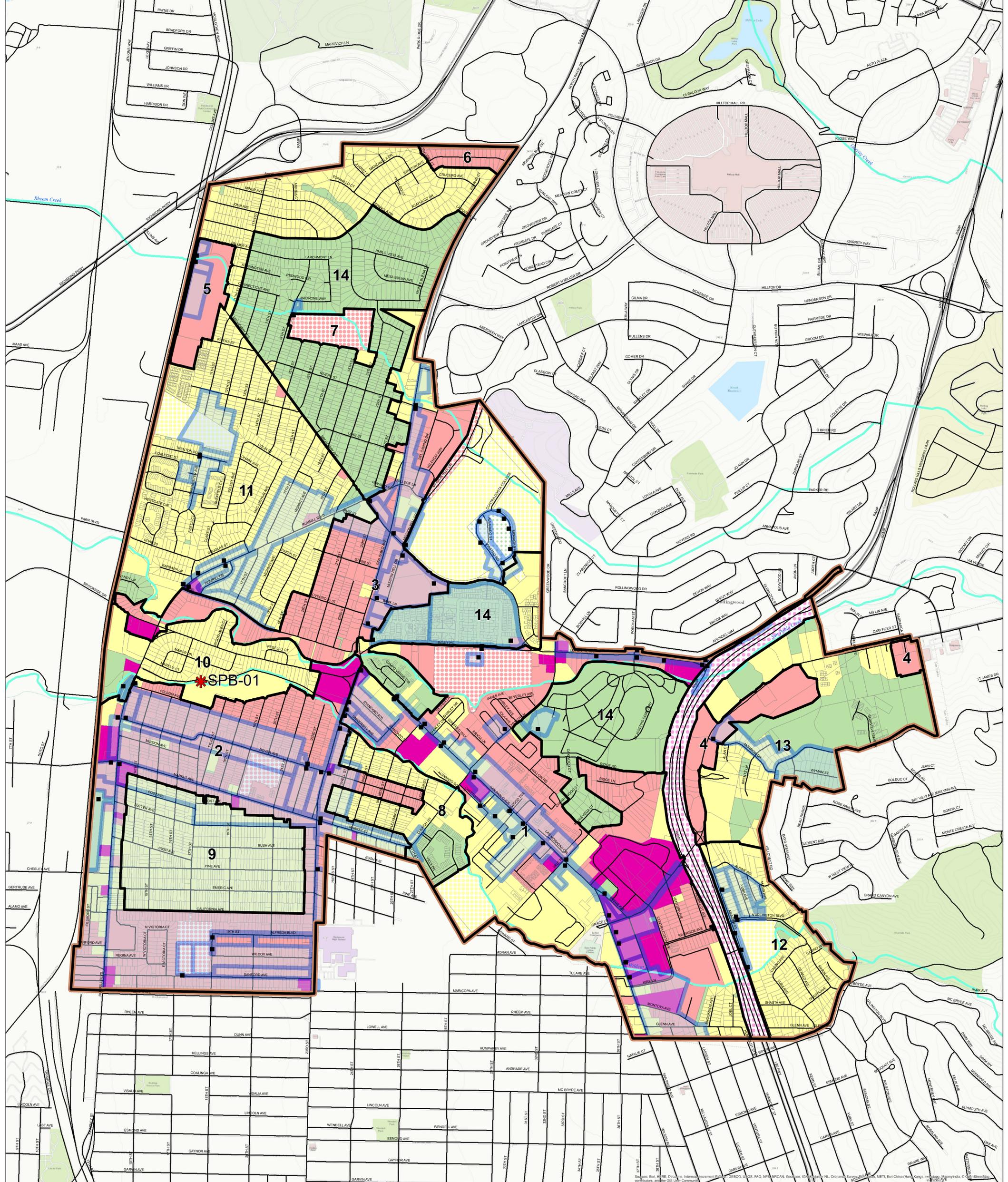
Business Name	Street Number	Street	Industrial General Permit
Pizza Guys	501	San Pablo Town Ctr.	No
Pizza Hut (Pac Pizza, LLC)	14501	San Pablo Avenue	No
Popeye's Chicken	10	San Pablo Town Ctr.	No
Ran Kanom Thai	2300	El Portal Drive	No
Rose Garden Restaurant	1811	1811 23rd Street	No
Round Table Pizza	13100	San Pablo Avenue	No
Royal Palace Restaurant	3550	3550 San Pablo Dam Road	No
San Juan Taqueria	13501	13501 San Pablo Ave	No
San Pablo Billiards and Mexican Restaurant	1500	23rd Street	No
San Pablo Burrito Shop	2300	El Portal Drive	No
Star Bread	13501	San Pablo Avenue	No
Starbucks Coffee	30	San Pablo Town Ctr.	No
Starbucks Coffee #8851	14330	14330 San Pablo Avenue	No
Sukie's Country Kitchen	2400	El Portal Drive	No
Susy's Bakery	14520	San Pablo Avenue	No
Taco Bell	40	San Pablo Town Ctr.	No
Taqueria Amigo	14401	San Pablo Avenue	No
Taqueria Dona Maria	3550	San Pablo Dam Road	No
Taqueria San Juan	13501	San Pablo Avenue	No
The Villa	13993	San Pablo Avenue	No
Tortas Y Taqueria	13830	San Pablo Avenue	No

Auto Repair Shops and Manufacturing

Business Name	Address	Industrial General Permit
A+ Smog	2750 Rumrill Blvd.	No
ACS Smog	2550 Mission Bell	No
Amaya Auto Repair	225 Center Court	No
BA Auto Repair	1441 Broadway Ave	No
Castrol Premium Lube Express	3220 San Pablo Dam Road	No
CCS - Complete Car Service	1960 23rd St	No
CCS Auto Body	1868 Rumrill	No
Cernas Tire	1291 Rumrill Blvd.	No
Cheng Auto	1454 Rumrill Blvd	No
Colima Auto Repair	1752 Rumrill Blvd	No
Collision Craft	1055 Broadway	No
Complete Automotive Repair Service	13052 San Pablo Avenue	No
D.C. Auto Repair	14673 San Pablo Ave	No
Daytona Motors	2697 El Portal Drive	No
Express Lube Center	2700 El Portal Drive	No
Fahrenheit Auto Performance	1405 23rd St	No
J & M Quality Tire	2145 Rumrill Blvd.	No
JHS Automotive Repair Services	1200 Rumrill	No
Midas	14640 San Pablo Avenue	No
Poncho's Auto Body	1620 Rumrill	No
Richmond Tire	1608 Market Avenue	No
Rivas Auto Repair	1441 Broadway Ave	No
Ron's Translaxes	1009 Broadway Avenue	No
S & R Starters	2050 Muir Avenue	No

Business Name	Address	Industrial General Permit
Shell	2876 El Portal Drive	No
Speed Lube	14641 San Pablo Avenue	No
Texas Gas Services Co	3363 San Pablo Dam Road	No
Top Gas & Grocery	1522 Rumrill Blvd.	No
Union 76 Gas Station	2500 San Pablo Dam Road	No
USA Gasoline	2601 Road 20	No
West Coast Shipping		No
Giron Auto Repair	1015 Broadway	No
East Bay Brass Foundry	1200 Chesley Ave	No

Attachment C.10.d- Revised Baseline Trash Map 2016



SAN PABLO Full Trash Capture and Trash Management Area Map

Trash Generation Category Low Medium High Very High	* Creek/Shoreline Hotspot Trash Management Area Full-Capture Location Full Trash Capture Non-Jurisdictional (Dot color = Generation Category)	 Streets Agency Boundary Creeks Parcel Boundary
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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 8/23/2016