



Scenic Pacifica
Incorporated Nov. 22, 1957

CITY OF PACIFICA

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September 27, 2016

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

Subject: **City of Pacifica**
FY 2015/16 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the City of Pacifica pursuant to Permit Provision C.17.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2015-0049, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of compliance activities conducted during FY 2015/16 and related accomplishments.

Please contact Raymund Donguines at (650) 738-3768 regarding any questions or concerns.

Very truly yours,

Van Dominic Ocampo, PE
Director of Public Works/City Engineer

**CITY OF PACIFICA
FY 2015/16 ANNUAL REPORT**

Certification Statement

"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Duly Authorized Representative:



Van Dominic Ocampo, DPW Director/City Engineer

9/27/16
Date

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Section 1 – Permittee Information

Background Information				
Permittee Name:	City of Pacifica			
Population:	38,606			
NPDES Permit No.:	CAS612008			
Order Number:	R2-2015-0049			
Reporting Time Period (month/year):	July 2015 through June 2016			
Name of the Responsible Authority:	Van Dominic Ocampo	Title:	DPW Director/City Engineer	
Mailing Address:	170 Santa Maria Avenue			
City:	Pacifica	Zip Code:	94044	County: San Mateo
Telephone Number:	(650) 738-3767	Fax Number:	(650) 738-3003	
E-mail Address:	ocampov@ci.pacifica.ca.us			
Name of the Designated Stormwater Management Program Contact (if different from above):	Raymund Donguines	Title:	Acting Senior Civil Engineer	
Department:	Public Works			
Mailing Address:	170 Santa Maria Avenue			
City:	Pacifica	Zip Code:	94044	County: San Mateo
Telephone Number:	(650) 738-3768	Fax Number:	(650) 738-3003	
E-mail Address:	donguinesr@ci.pacifica.ca.us			

Section 2 - Provision C.2 Reporting Municipal Operations

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

Summary:

Participated in the countywide program's Municipal Operations Subcommittee.

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

C.2.a. ► Street and Road Repair and Maintenance

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

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

Comments:

All construction BMPs are practiced during all roadway projects and repair. Construction BMPs are included in project bid documents and daily operating procedures. The City of Pacifica has an ongoing street sweeping program and all commercial and residential roadways. Vacuum truck and other equipment's are used on large projects.

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:
All wash water is contained and disposed of properly. BMPs are implemented to protect storm drains and water ways. Vacuum trucks are used on large projects. The City of Pacifica complies with BASMAA Surface Cleaner Program BMPs.

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:
Proper BMPs are implemented in all bridge/structure maintenance and graffiti removal projects to contain all wash water and protect storm drains and water ways. Vacuum truck and other equipment are used to capture discharges from bridge/structure maintenance as well as graffiti removal operations.

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.	
NA	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
NA	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
NA	No impact to creek functions including migratory fish passage during construction of roads and culverts
NA	Inspection of rural roads for structural integrity and prevention of impact on water quality
NA	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
NA	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
NA	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: Not Applicable	

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):

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

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

Comments:
The City of Pacifica currently utilizes a Corporation Yard BMP check list that meets all of the MRP requirements. The BMP checklist is constantly monitored and reviewed. All public works employees are trained on all aspects of the corp. yard BMPs. We utilize the CASQA handbook for our BMP standard for corp. yard management.

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 Pacifica	9/3/2015	When we completed our inspection this year our findings were similar to last year. We had very little visible signs of accumulated trash and no large deposits of other debris. There were no visible signs of leaking fluids from parked vehicles. The vehicle wash pad area is cleaned 1 X a week at a minimum, or as needed to keep the area clean and free of debris. As a requirement of the MRP it is plumbed to the sanitary sewer system. We continue to utilize indoor spill proof containment systems for our solvents, small gasoline	The City of Pacifica has looked into covering our wash pad area but is limited by budget constraints. We do contract with a local facility for car washes.

		<p>cans and what we generate from off the street pickups.</p> <p>Trash dumpsters have attached lids on them and are serviced 2X a week. We also have indoor recycling containers provided by our local waste hauler.</p> <p>No regular fuel dispensing occurs at our facility and the Corporation yard is swept weekly or as needed. City wide street sweeping continues to be contracted out at this time.</p>	
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Section 3 - Provision C.3 Reporting New Development and Redevelopment

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

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

Summary:

(1) Municipality’s legal authority to implement C.3

The City of Pacifica’s Stormwater Management and Discharge Control ordinance (PMC Title 6, Chapter 12) provides the City legal authority to regulate non-stormwater discharges into the storm sewer. Additionally, the City has legal authority to impose conditions of approval on projects requiring discretionary permits. However, the City’s Stormwater Management and Discharge Control ordinance does not specifically address new LID requirements and project size thresholds effective December 1, 2011, or explicitly provide authorization to regulate installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs.

(2) Municipality’s development review and permitting procedures, including use of conditions of approval or other enforceable mechanisms

The City of Pacifica requires discretionary review for all project types likely to be classified as regulated projects under the MRP. The City requires, as part of the application process, completion of the C.3/C.6 Development Review checklist, and requires project compliance with the LID measures and treatment areas identified in the checklist by conditions of approval. The City will incorporate the updated model language for conditions of approval developed by SMCWPPP in future project approvals, where appropriate.

(3) How water quality effects and mitigation measures are addressed in environmental reviews (e.g., CEQA)

The City of Pacifica has approved only projects categorically exempt from CEQA during FY 2015-2016, or projects for which CEQA review was completed one or more fiscal years prior to the current reporting period. The City will incorporate SMCWPPP guidance for CEQA review when reviewing future projects subject to CEQA which are not categorically or statutorily exempt.

(4) C.3 training for appropriate departments (Program will report on training at the countywide level)

All planners assigned to the Planning Division of the Planning Department attended the Annual C.3 Workshop held by SMCWPPP staff in July 2016. Additionally, Planning Department staff has attended SMCWPPP New Development Subcommittee quarterly meetings.

	Staff has also discussed C.3 requirements periodically at staff meetings and during impromptu project discussions.
(5)	<p>Outreach/education efforts to staff, developers, contractors, construction site operators and owner/builders</p> <p>Planning Department staff discusses C.3 requirements with applicants considering regulated projects and refers them to Flowstobay.org website. Staff also encourages applicants for non-regulated projects to incorporate as many stormwater management measures as possible.</p>
(6)	<p>How your municipality encourages site design measures at unregulated projects subject to Planning/Building Department review</p> <p>Whenever possible, Planning Department staff explains to applicants the importance of managing stormwater discharges even when constructing small projects. Staff not only explains the requirements of C.3.i for certain projects, but explains the environmental benefits of detaining and/or infiltrating stormwater from low-intensity storm events. Most interactions with applicants occur at the Planning Department counter while discussing plan check comments with applicants.</p>
(7)	<p>How your municipality encourages source control measures at unregulated projects subject to Planning/Building Department review</p> <p>Whenever possible, Planning Department staff explains to applicants the importance of preventing contact of stormwater with potential runoff sources. Staff not only explains the requirements of C.3.i for certain projects, but explains the environmental benefits of covering trash storage areas and ensuring adequate on-site landscaping to prevent soil and pollutant runoff. Most interactions with applicants occur at the Planning Department counter while discussing plan check comments with applicants.</p>
(8)	<p>General Plan revisions (if needed) to integrate water quality/watershed protection with water supply, flood protection, habitat protection, groundwater recharge, and other sustainable development principles and policies. Include dates of General Plan revisions</p> <p>The City will consider integrating such policies in its next comprehensive General Plan update. The current General Plan was enacted in 1980, prior to either the 2009 or 2015 MRP. Staff is unable to predict when the current General Plan update process will be completed, but it has been ongoing since 2009.</p>

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

Fill in attached table **C.3.b.iv.(2)** or attach your own table including the same information.

C.3.c.ii ▶ Design Specifications for Pervious Pavement Systems

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

Summary:

The City of Pacifica is following the design specifications included in the SMCWPPP C.3 Stormwater Technical Guidance, revised draft June 2016.

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

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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Comments (optional): N/A

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
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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.

There were no special projects in FY15-16.

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

On an annual basis, before the wet season, provide a list of newly installed (installed within the reporting year) stormwater treatment systems and HM controls to the local mosquito and vector control agency and the Water Board. The list shall include the facility locations and a description of the stormwater treatment measures and HM controls installed.

N/A

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)	1
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)	1
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)	1
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 15-16)	100%
Option 2 – Reporting Stormwater Treatment System Inspections	
Total number of stormwater treatment and HM systems in your agency's database or tabular format at the end of the previous fiscal year (FY 14-15)	N/A
Total number of stormwater treatment systems in your agency's database or tabular format at the end of the reporting period (FY 15-16)	N/A
Total number of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	N/A
Percentage of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	N/A

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:

Only one site within the City of Pacifica requires annual operation and maintenance (O&M) inspection. The site – Cypress Walk – has two treatment systems: an extended detention basin and infiltration basin. Both systems exhibited good maintenance. Overall the treatment system was found to be functioning properly.

Provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:

The O&M Program is effective in the City of Pacifica's experience. The limited number of sites/treatment systems requiring inspection does not create a burden on staff. No changes in prioritization plan or frequency of O&M inspections.

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:

- **BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. The City of Pacifica has incorporated into its plan review procedures and forms/checklists the requirement to implement at least one site design measure into small projects during the building permit or discretionary review processes in accordance with C.3.i.**
- **Additionally, 100% of the City's planners attended the SMCWPPP's "Annual C.3 Stormwater Workshop: Low Impact Development and Green Infrastructure" on June 14, 2016.**

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:

City's planners attended the SMCWPPP's "Annual C.3 Stormwater Workshop: Low Impact Development and Green Infrastructure" on June 14, 2016.

Please refer to the SMCWPPP FY 15-16 Annual Report for a summary of outreach efforts implemented by the Program.

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:

City to use BASMAA “Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Program Projects” (May 6, 2016) for guidance on identifying and reviewing potential green infrastructure projects.

Summary of Planning or Implementation Status of Identified Projects:

N/A

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

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

On an annual basis, report progress on development and implementation of methods to track and report implementation of green infrastructure

measures and provide reasonable assurance that wasteload allocations for TMDLs are being met.

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

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

Project Name Project No.	Project Location ⁸ , Street Address	Name of Developer	Project Phase No. ⁹	Project Type & Description ¹⁰	Project Watershed ¹¹	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ff ²) ¹²	Total Replaced Impervious Surface Area (ff ²) ¹³	Total Pre- Project Impervious Surface Area ¹⁴ (ff ²)	Total Post- Project Impervious Surface Area ¹⁵ (ff ²)
Private Projects											
None											
Public Projects											
None											
Comments: N/A											

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

⁸Include cross streets

⁹If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

¹⁰Project 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.

¹¹State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

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

¹³All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁴For redevelopment projects, state the pre-project impervious surface area.

¹⁵For redevelopment projects, state the post-project impervious surface area.

Project Name Project No.	Application Deemed Complete Date ¹⁶	Application Final Approval Date ¹⁷	Source Control Measures ¹⁸	Site Design Measures ¹⁹	Treatment Systems Approved ²⁰	Type of Operation & Maintenance Responsibility Mechanism ²¹	Hydraulic Sizing Criteria ²²	Alternat ive Compli ance Measur es ^{23/24}	Alternative Certification ²⁵	HM Controls ^{26/27}
Private Projects										
None										

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

¹⁷For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁸List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹⁹List 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.

²⁰List 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.).

²¹List 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.

²²See 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).

²³For 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.

²⁴For 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.

²⁵Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁶If HM control is not required, state why not.

²⁷If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)										
Project Name Project No.	Approval Date ²⁸	Date Construction Scheduled to Begin	Source Control Measures ²⁹	Site Design Measures ³⁰	Treatment Systems Approved ³¹	Operation & Maintenance Responsibility Mechanism ³²	Hydraulic Sizing Criteria ³³	Alternative Compliance Measures ^{34/35}	Alternative Certification ³⁶	HM Controls ^{37/38}
Public Projects										
None										
Comments: N/A										

²⁸For public projects, enter the plans and specifications approval date.

²⁹List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

³⁰List 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.

³¹List 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.).

³²List 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.

³³See 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).

³⁴For 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.

³⁵For 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.

³⁶Note whether a third party was used to certify the project design complies with Provision C.3.d.

³⁷If HM control is not required, state why not.

³⁸If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.h.v.(2). ► Table of Newly Installed³⁹ 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 ⁴⁰ For Maintenance	Type of Treatment/HM Control(s)
None			

³⁹ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

⁴⁰ State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v. Special Projects Reporting Table												
Reporting Period – July 1 2015 - June 30, 2016												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴¹	Status ⁴²	Description ⁴³	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁴⁴	LID Treatment Reduction Credit Available ⁴⁵	List of LID Stormwater Treatment Systems ⁴⁶	List of Non-LID Stormwater Treatment Systems ⁴⁷
No Special Projects approved during FY 2015-2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

⁴¹ Date that a planning application for the Special Project was submitted.

⁴² 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.

⁴³ Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴⁴ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴⁵ For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

⁴⁶: 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.

⁴⁷ List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

Special Projects Narrative

No Special Projects approved during FY 2015-2016

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure				
Project Name and Location ⁴²	Project Description	Status ⁴³	GI Included? ⁴⁴	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁵
2212 Beach Boulevard Project	Planning and design for development of the City property located at 2212 Beach Boulevard	Beginning planning phase	TBD	Bioretention cells and other GI measures will be considered
Calera Parkway/Highway 1 Transportation Improvement Project	Traffic and Safety improvements to Highway1	Planning phase	TBD	GI measures will be considered
San Pedro Headlands Multi-Purpose Bike Trail	Multi-purpose trail	Planning phase	TBD	GI measures will be considered
Police Department Additional Parking	Additional parking area at the Police station	Planning phase	TBD	GI measures will be considered
Frontierland Park Parking Lot and Turn Around Improvements	New asphalt parking lot at the existing parking area at Frontierland Park	Planning and design phase	TBD	Bioretention cells and other GI measures will be considered
Fire Station 71 and 72 Replacement	Construct new Fire Stations	Beginning planning phase	TBD	GI measures will be considered
Old County Road Parking	New asphalt parking area along Old County Road	Planning phase	TBD	GI measures will be considered
New Pacifica Library Planning and Construction	Planning and design for new Library at City property located at 2212 Beach Boulevard	Beginning planning phase	TBD	Bioretention cells and other GI measures will be considered

⁴² List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁴³ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁴ 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.

⁴⁵ 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 Location ⁴⁶	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
None			

⁴⁶ 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:

We continue to work closely with the San Mateo County Environmental Health Department: Inspection Division to ensure all businesses are categorized correctly and are inspected at the appropriate frequency. We continue to share inspection related information and track such, including necessary follow up action on both the inspectors as well as the businesses to make sure all reportable data is captured in a timely and efficient manner. We are working on updating our business inspection plan, facilities lists, Enforcement Response Plans and inspection frequencies and priorities. We review the list annually or more frequently based on the number of business licenses and type that open within the City of Pacifica. Staff attends the CII Subcommittee and staff participate in the countywide municipal operations subcommittee meetings.

Refer to the C.4. Industrial and Commercial Site Controls section of the SMCWPPP FY 15-16 Annual Report for a description of Program activities.

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.

See Attached List (Attachment A)

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	69	
Total number of inspections conducted	76	
Number of violations (excluding verbal warnings)	6	
Sites inspected in violation	6	9.0%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	3	42.8%

Comments:
County Environmental Health (CEH): Food and Haz Mat program inspectors conduct routine Stormwater inspections at inventoried sites based on High, Medium, and Low priorities.
CEH transitioned during the FY from paper inspection forms to an electronic reporting system. This is the first Annual Report completed with the new system. CEH is continuing to work with the database contractor to refine reporting tools.

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	6
Comments: Discharges are counted as one discharge per inspection per site.	

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) ⁴⁷	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ⁴⁸
Level 1	Verbal Warning	1	14%
Level 2	Warning Notice or Administrative Action	6	86%
Level 3	Administrative Action with Penalty &/or Cost Recovery	0	0%
Level 4	Legal Action/Referral	0	0%
Total		7	100%

⁴⁷ Agencies to list specific enforcement actions as defined in their ERPs.

⁴⁸ Percentage 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 ⁴⁹	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Haz Mat	0	2
Food Facilities	0	2
School	0	1
Mobile Home Park	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 facilities have been identified as requiring Industrial General Permit coverage that has not filed for coverage.

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 Workshop	6/1/2016	MRP Reissue, County Environmental Health Inspections and Common BMP's, Illicit Discharge Inspection Basics, and Inspection Scenarios.	1	100%	1	50%

Comments:
Attended the June 1, 2016 Commercial/Industrial Stormwater Inspection Workshop. Topics included MRP Reissue, County Environmental Health Inspections and Common BMP's, Illicit Discharge Inspection Basics, and Inspection Scenarios.

⁴⁹List 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:
City staff has emphasized contractor education during site inspections and improved response time to illicit discharge complaints in order to minimize the frequency and severity of illicit discharges. The number of illicit discharges reported decreased 20% from FY 2014-2015, and the number reaching a storm drain or receiving waters decreased to 50% from 86% in FY 2014-2015.

Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 15-16 Annual Report for description of activities at the countywide or regional level.

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

List below or attach your complaint and spill response phone number

(650) 738-7343

Provide your complaint and spill response web address, if used

N/A

Is a screen shot of your website showing the central contact point attached? **Yes** **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 City maintains contact information for stormwater and stormdrain complaints/requests for service in several places on its website.

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))	12	
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	6	50%
Discharges resolved in a timely manner (C.5.d.iii.(3))	12	100%

Comments:
Members of the public can report illicit discharges by contacting City staff in-person, by phone, or by e-mail. Reports are recorded by Code Enforcement staff during normal business hours and Police Department staff after normal business hours. Complaints are then assigned to either Code Enforcement staff or Public Works staff for response depending on the violation location (private or public property, respectively). Code Enforcement staff documents the outcomes of illicit discharge responses utilizing GreenVue, a web-based permit and complaint tracking system.

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 maps are available to the public as hard copies at the Engineering Division counter.

MS4 maps are available to the public on the Oakland Museum Creek Mapping Project website (<http://explore.museumca.org/creeks/crkmap.html>). These maps include municipal storm drains that measure 24 inches or greater in diameter.

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?	X	Local criteria such as maps of hillside development areas or other written criteria
		The permit definition of projects on sites with ≥ 15% slope
Attach a copy of hillside development area maps or provide your written criteria below, if applicable.		
Description: Title 9, Chapter 4, Article 22.5 of the Pacifica Municipal Code. It is the intent of the Hillside Preservation District to place special controls on any proposed development, public or private, within hillside areas of the City in order to: (a) Preserve and enhance their use as a prime resource; (b) Help protect people and property from all potentially hazardous conditions particular to hillsides; (c) Assure that any development be economically sound; and (d) Encourage innovative design solutions.		
The maximum allowable land coverage for any development within the Hillside Preservation District shall be per Sec. 9-4.2257		

C.6.e.iii.2.a, b, c ► Site/Inspection Totals		
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
0	2	9
Comments: N/A		

C.6.e.iii.2.d ► Construction Activities Storm Water Violations		
BMP Category	Number of Violations⁵⁰ excluding Verbal Warnings	% of Total Violations⁵¹
Erosion Control	2	33.3
Run-on and Run-off Control	2	33.3
Sediment Control	2	33.3
Active Treatment Systems	0	0
Good Site Management	0	0
Non Stormwater Management	0	0
Total⁵²	6	100%

⁵⁰Count 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.

⁵¹Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

⁵²The 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) ⁵³	Number Enforcement Actions Issued	% Enforcement Actions Issued⁵⁴
Level 1 ⁵⁵	Informal Violation (Including verbal notice)	2	11
Level 2	Written Warning/NOV	16	89
Level 3	Notice to Comply	0	0
Level 4	Legal Action	0	0
Total		18	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

⁵³Agencies should list the specific enforcement actions as defined in their ERPs.

⁵⁴Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁵For 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)	16	100% ⁵⁶
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0% ⁵⁷
Total number of violations (excluding verbal warnings) for the reporting year⁵⁸	16	100%
Comments: N/A		

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: Illicit discharges during Fiscal Year 15-16 involved poor site management and failure to implement best management practices (BMPs) specified on the information sheet attached to all building permits.
City will continue to inform contractors how to properly implement BMPs to prevent future discharges from occurring.

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 City of Pacifica's program strengths include the ability to respond promptly upon receipt of illicit discharge complaints. The City enjoys a productive and cooperative relationship between the various departments involved in illicit discharge reporting and response, namely the Planning Department (Code Enforcement Division), Public Works Department (Engineering and Field Services Divisions), Waste Water Department, and Police Department.
Refer to the C.6 Construction Site Control section of SMCWPPP FY 15-16 Annual Report for a description of Program and regional activities.

⁵⁶Calculated 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.
⁵⁷Calculated 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.
⁵⁸The 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	
Stormwater Construction Site Inspection	5/3/2016	Construction General Permit, MRP Reissue, Compost BMP's and Group Exercise.	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.

We continue to promote events such as Coastal Clean Up Day and Local Earth Day Event (Eco Fest) by placing posters and other informational materials at counters, in windows and by informing applicants and others that come to the counter about such events.

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

C.7.c. Stormwater Pollution Prevention Education

Local stormwater phone number(s)

Raymund Donguines (Associate Civil Engineer, NPDES Coordinator) - (650) 738-3768
Code Enforcement - (650) 738-7343

Local/Regional stormwater website(s)

City of Pacifica
http://www.cityofpacifica.org/depts/pw/streets/storm_drains.asp
San Mateo County
<http://flowstobay.org/>

The City publicizes Stormwater contacts and promotes the County’s Flowstobay website through the City Web site. We locally promote Stormwater pollution prevention through several local events.

See The C.7 Public Information and Outreach section of SMCWPPP 15-16 Annual Report.

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

See the C.7 Public Outreach and Citizen Involvement Events section of SMCWPPP FY 15-16 Annual Report for a summary of activities.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
<p>Coastal Cleanup Day: September 19, 2015, Statewide/County Event</p>	<p>The audiences were coastal clean-up attendees.</p> <p>The City works with the Beach Coalition Annually to coordinate the CCD event.</p> <p>See the C.7 Public Information and Outreach section of Countywide Program's FY 14-15 Annual Report for more information.</p>	<p>Hundreds of people participated again this year and worked with other coastal communities to create a more collaborative effort, sending people down the coast if they could not locate any more trash at various sites here in Pacifica.</p> <p>Multiple city staff participated.</p> <p>See the C.7 Public Information and Outreach section of Countywide Program's FY 14-15 Annual Report for more information.</p>
<p>Fog Fest 2014: September 26-27, 2015 Local Event</p>	<p>The audiences were Fog Fest attendees. The Pacific Coast Fog Fest each year promotes the City of Pacifica, attracts visitors, celebrates our community and includes Arts and Crafts booths, Food and Beverage booths, Musical Entertainment, Family Fun Fest and a variety of other activities.</p> <p>The Fog Fest is a great opportunity to really work the crowd which is made up of people from all over the Bay Area. Many people wanted various brochures and information and this triggered interesting discussions about how to better protect ourselves and our environment.</p>	<p>Over the weekend hundreds upon hundreds of people participated with the interactive storm drainage booth and both adults and children just enjoy the experience. Every year staff walks away with tired voices because of talking so much during this weekend event.</p> <p>Many people return to the booth various times, gathering more info, asking more questions, and signing up for different Mateo County programs.</p>

<p>Earth Day 2016: Pacifica State Beach, Local Event, April 23, 2016</p>	<p>The audiences were Eco Fest and Earth Day clean-up attendees. Each year in honor of Earth Day the Pacifica Beach Coalition mobilizes thousands of volunteers. This citywide day of action and education highlights our coastal environment in partnership with the City of Pacifica.</p> <p>Eco Fest and Earth Day is always well attended and includes a City Wide clean up prior to the Eco Fest and Earth Day Celebration. Many locations throughout the City were cleaned when this event concluded.</p>	<p>We utilized the various program materials to engage children and adults in discussions about the various environmental issues. The most popular topic was the pet waste bags, too toxic guides, children coloring booklets and pocket ashtrays.</p> <ul style="list-style-type: none"> • This event continues to grow annually. This year we had more than 1000 people at the celebration with about 200 people stopping by the SMCWPPP booth. Many more participated at the clean-up sites throughout the City. • We continue to hand out numerous educational materials. • The public is clearly becoming more aware of the need to protect our resources. • New and updated materials as well as the variety of water issues that could be addressed made for a successful time engaging the public.
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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:

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

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.

We locally provided school-age children outreach and promote Stormwater pollution prevention through several local events such as Fog Fest and Eco Fest (Earth Day).

See the C.7 School-Age Children Outreach section of SMCWPPP FY 15-16 Annual Report for a summary of activities.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
See the C.7 School-Age Children Outreach section of SMCWPPP FY 15-16 Annual Report for a summary of activities.	See the C.7 School-Age Children Outreach section of SMCWPPP FY 15-16 Annual Report for a summary of activities.	See the C.7 School-Age Children Outreach section of SMCWPPP FY 15-16 Annual Report for a summary of activities.	See the C.7 School-Age Children Outreach section of SMCWPPP FY 15-16 Annual Report for a summary of activities.

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 Used⁵⁹								
Pesticide Category and Specific Pesticide Used	Amount⁶⁰							
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21		
Organophosphates	None Used							
Product or Pesticide Type A								
Product or Pesticide Type B								
Pyrethroids	None Used							
Product or Pesticide Type X								
Product or Pesticide Type Y								
Carbamates	None Used							
Product or Pesticide Type X								
Product or Pesticide Type Y								
Fipronil	None Used							
Product or Pesticide Type X								
Product or Pesticide Type Y								
Indoxacarb	Reporting not required in FY 15-16							

⁵⁹Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁶⁰Weight 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.

Diuron	Reporting not required in FY 15-16					
Diamides	Reporting not required in FY 15-16					
<p>IPM Tactics and Strategies used:</p> <p>The City of Pacifica started to do more weed mowing on a larger scale approach such as mowing our outlying park areas, road shoulders and medians. We have also started to use mulch and cardboard on some of our landscaped islands for weed control which also reduces watering.</p>						

C.9.b ▶ Train Municipal Employees	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	5
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	5
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%
<p>Type of Training:</p> <p>Annual SMCWPPP Landscape IPM training held on 3/9/2016; ongoing PAPA seminars, and annual in house training program using training materials provided by local Agriculture Commissioner.</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			
We review our contractor's certifications annually and discuss what types of products are being suggested for use so we can be sure that the lowest or no impact product is selected.			

C.9.d ▶ Interface with County Agricultural Commissioners			
Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No
If yes, summarize the communication. If no, explain.			
We met with the Agricultural Commissioner to discuss our use plan to what and where we plan to use herbicide.			
See Section 9 of the SMCWPPP FY 15-16 Annual Report for summary of communication with the San Mateo County Agricultural Commissioner.			
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.			
N/A			

C.9.e.ii (1) ▶ Public Outreach: Point of Purchase	
Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); OR reference a report of a regional effort for public outreach in which your agency participates.	
Summary:	
See the C.9 Pesticides Toxicity Control section of the SMCWPPP FY 15-16 Annual Report for information on point of purchase public outreach conducted countywide and regionally.	

C.9.e.ii (2) ► Public Outreach: Pest Control Contracting Outreach

Provide a summary of outreach to residents who use or contract for structural pest control and landscape professionals); **AND/OR** reference a report of a regional effort for outreach to residents who hire pest control and landscape professionals in which your agency participates.

Summary:

See the C.9 Pesticides Toxicity Control section of the SMCWPPP FY 15-16 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

C.9.e.ii.(3) ► Public Outreach: Pest Control Operators

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); **AND/OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:

See the C.9 Pesticides Toxicity Control section of SMCWPPP FY 15-16 Annual Report for a summary of outreach to pest control operators and landscapers to reduce pesticide use.

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

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

Summary:

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

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ► Trash Load Reduction Summary	
For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage, including whether the 60% trash reduction performance guideline 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)	14.7%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ⁶¹	37.5%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv) ¹	10.0%
SubTotal for Above Actions	62.2%
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	0%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	N/A
Total (Jurisdictional-wide) % Trash Load Reduction in FY 15-16	62.2%
Discussion of Trash Load Reduction Calculation:	
<p>The City attained and reported a 44% trash load reduction in its FY 14-15 Annual Report, exceeding the trash load reduction target of 40% by 2014. The reissued MRP contains a revised calculation methodology that eliminates or caps past trash load reduction offsets or credits. Based on the new calculation methodology, as of July 1, 2016, the City has attained a 62% trash load reduction. The reissued MRP also added a non-mandatory performance guideline of attaining 60% trash reduction by July 1, 2016. Based on the new calculation methodology and the information provided in this Annual Report, the City has achieved the 60% performance guideline.</p>	

⁶¹ See Appendix XX for changes between 2009 and FY 15-16 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

C.10.a.iii ► Mandatory Trash Full Capture Systems		
Provide the following:		
1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 15-16, during FY 15-16, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.		
2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.		
Type of System	# of Systems	Areas Treated (Acres)
Installed Prior to FY 15-16		
Connector Pipe Screens	25	71.3
Installed in FY 15-16		
Connector Pipe Screens	107	209.5
Total for all Systems Installed To-date		280.8
Treatment Acreage Required by Permit (Population-based Permittees)		30
Total # of Systems Required by Permit (Non-population-based Permittees)		N/A

*Areas treated include jurisdictional and non-jurisdictional lands (e.g., public K-12 schools and colleges, and freeways)

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

Provide the following:

- 1) Jurisdictional-wide trash reduction in FY 15-16 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) Since the effective date of MRP 2.0 (January 1, 2016), the percentage of systems that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full	Summary of Maintenance Issues and Corrective Actions
1	10.6%	132	10%	All trash capture devices are inspected and cleaned prior to the rainy season typically in September and after each major rain event. We have had minor issues with the devices getting clogged with leaves from nearby trees during heavy downpours.
2	0.2%			
3	1.5%			
4	0%			
5	0%			
6	0.7%			
7	0.9%			
Total	14.7%			

Certification Statement:

The City of Pacifica 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.

*The Total jurisdiction-wide reduction reported for full capture systems includes 0.8% reduction for treatment of 4.7 acres of non-jurisdictional public K-12, college and university school land areas.

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	Streets within the food retail land use areas continue to receive enhanced street sweeping at a frequency greater than 1x/week. The majority of streets fronting these areas have no parking zones; therefore street sweeping is effective in reaching the curb and removing trash. Continue with City led clean up on specific high trash generating areas weekly or 4 times a month.
2	No new control measures implemented in this TMA for FY 15-16.
3	Streets within the retail land use areas continue to receive enhanced street sweeping at a frequency greater than 1x/week. The majority of streets fronting these areas have no parking zones; therefore street sweeping is effective in reaching the curb and removing trash.
4	Commenced City led clean up on specific high trash generating areas weekly or 4 times a month.
5	No new control measures implemented in this TMA for FY 15-16.
6	No new control measures implemented in this TMA for FY 15-16.
7	Commenced providing trash related public information at local events.

**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 or (as applicable) 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	
1	1.10	0.62	56.1%	3.7	29.9%
2	1.55	0	0%	0	0%
3	2.92	1.02	34.8%	3.6	7.5%
4	0.56	0	0%	0	0%
5	0.09	0	0%	0	0%
6	0.48	0	0%	0	0%
7	0.29	0	0%	0	0%
Total		1.64			37.5%

*Each on-land visual assessment site is approximately 1,000 feet (on average) in length. Average number of assessments represents those conducted in FYs 14-15 and 15-16.

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

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

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

Single Use Bag Ordinance	<p>The City of Pacifica has promoted the San Mateo County Reusable Bag Ordinance, which took effect on April 22, 2013, through our outreach efforts during several City events and Earth Day.</p> <p>Link to San Mateo County Ordinance: http://smchealth.org/sites/default/files/docs/EHS/Final_15_Plastic%20Bag_Ord_04637.pdf</p>	<p>On behalf of all SMCWPPP Permittees, the County of San Mateo conducted assessments evaluating the effectiveness of the single use plastic bag ban in municipalities within San Mateo County. Assessments conducted by the County included audits of businesses and surveys of customer bag usage at many businesses in San Mateo County. Additionally, the number of complaints by customers was also tracked by the County. The results of assessments conducted by these cities are assumed to be representative of all SMCWPPP Permittees, given the consistency between the scope, implementation, and enforcement of the ordinances among the municipalities.</p> <p>The City of Pacifica developed its % trash reduced estimate using the following assumptions:</p> <ol style="list-style-type: none"> 1) Single use plastic bags comprise 8% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA; 2) 95% of single use plastic bags distributed in the City of Pacifica are affected by the implementation of the ordinance, based on the County of San Mateo’s Environmental Impact Report; and 3) Of the bags affected by the ordinance, there are now 90% less bags being distributed, based on customer complaints received by the County of San Mateo’s Department of Environmental Health Services. This is conservative estimate given that in FY 13-14 Environmental Services only received complaints about 4 of the over 1900 businesses in San Mateo County that are affected by the single-use plastic bag ordinances. 	<p>Results of assessments conducted by the County of San Mateo on behalf of all municipalities in San Mateo County indicate that the ordinance is effective in reducing the number of single use plastic bags in stormwater discharges. This preliminary conclusion is based on the very small number of complaints received from customers about businesses in San Mateo County that are continuing to use single use plastic bags after ordinances were adopted. Assuming single use bags are 8% of the trash observed in stormwater discharges, the City of Pacifica concludes that there has been a 7% (i.e., 8% x 86% effectiveness in reducing bags) reduction in trash in stormwater discharges as a result of the ordinance.</p>	7%	10% (Max.)
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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.

<p>Expanded Polystyrene Food Service Ware Ordinance</p>	<p>The City of Pacifica adopted an ordinance effective January 10, 2010 banning polystyrene foam food service ware at the point-of-sale. Food vendors are prohibited from providing prepared food to customers in foam polystyrene or solid polystyrene disposable food service ware. Potential vendors are provided information during Planning and Building permit review.</p> <p>Link to City of Pacifica Municipal Code: http://library.municode.com/HTML/16544/level3/TIT6SAHE_CH5GACORE_ART4SUFOWSEWA.html#TOPTITLE</p>	<p>Although the City of Pacifica has adopted and implemented an ordinance prohibiting the distribution of EPS food ware by food vendors, evaluations of the effectiveness of the ordinance have not yet been conducted. For the purpose of estimating trash reductions in stormwater discharges associated with the ordinance, the results of assessments conducted by the cities of Los Altos and Palo Alto were used to represent the reduction of trash associated with the City's ordinance. Assessments conducted by these cities were conducted prior to and following the effective date of their ordinances, and include audits of businesses and/or assessments of EPS food ware observed on streets, storm drains and local creeks. The results of assessments conducted by these cities are assumed to be representative of the effectiveness of the City's ordinance because the implementation (including enforcement) of the City's ordinance is similar to the City of Los Altos' and Palo Alto's.</p> <p>The City Of Pacifica developed its % trash reduced estimate using the following assumptions:</p> <ol style="list-style-type: none"> 1) EPS food ware comprises 6% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA; 2) 80% of EPS food ware distributed by food vendors or sold via stores in the City of Pacifica is affected by the implementation of the ordinance; and 3) There is now 95% less EPS food ware being distributed, sold and/or observed in the environment, based on assessments conducted by the City of Palo Alto and City of Los Altos. 	<p>Results of assessments that are representative of the City, but were conducted by the cities of Los Altos and Palo Alto, indicate that City's ordinance is effective in reducing EPS food ware in stormwater discharges. This conclusion is based on the following assessment result - an average of 95% of businesses affected by the ordinance are no longer distributing EPS food ware post-ordinance. Based on these results, the estimated average reduction of EPS food ware in stormwater discharges is 90%. Assuming EPS food ware is 6% of the trash observed in stormwater discharges, the City/County concludes that there has been a 5% (i.e., 6% x 90%) reduction in trash in stormwater discharges as a result of the ordinance.</p>	<p>5%</p>	
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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
PAC-01	N	6/9/2016	0.5	0.2	0.08	0.05	0.1

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

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

Description of Significant Revision	Associated TMA
<p>In FY 15-16, consistent with all MRP Permittees, all public K-12 schools, college and university parcels were made non-jurisdictional on the City's baseline trash generation maps. Under California Government Code Sections 4450 through 4461, the construction, modification, or alteration of facilities and/or structures on these parcels are under the jurisdiction of the California Division of State Architect and not the City. The public right-of-way (e.g., streets and sidewalks) surrounding these parcels remain as jurisdictional on the City's baseline trash generation maps. The City's revised baseline trash generation map is included as Appendix 10-2.</p>	<p>All applicable</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)	Not Applicable	0	0
Direct Trash Discharge Controls (Max 15% Offset)	Not Applicable	0	0

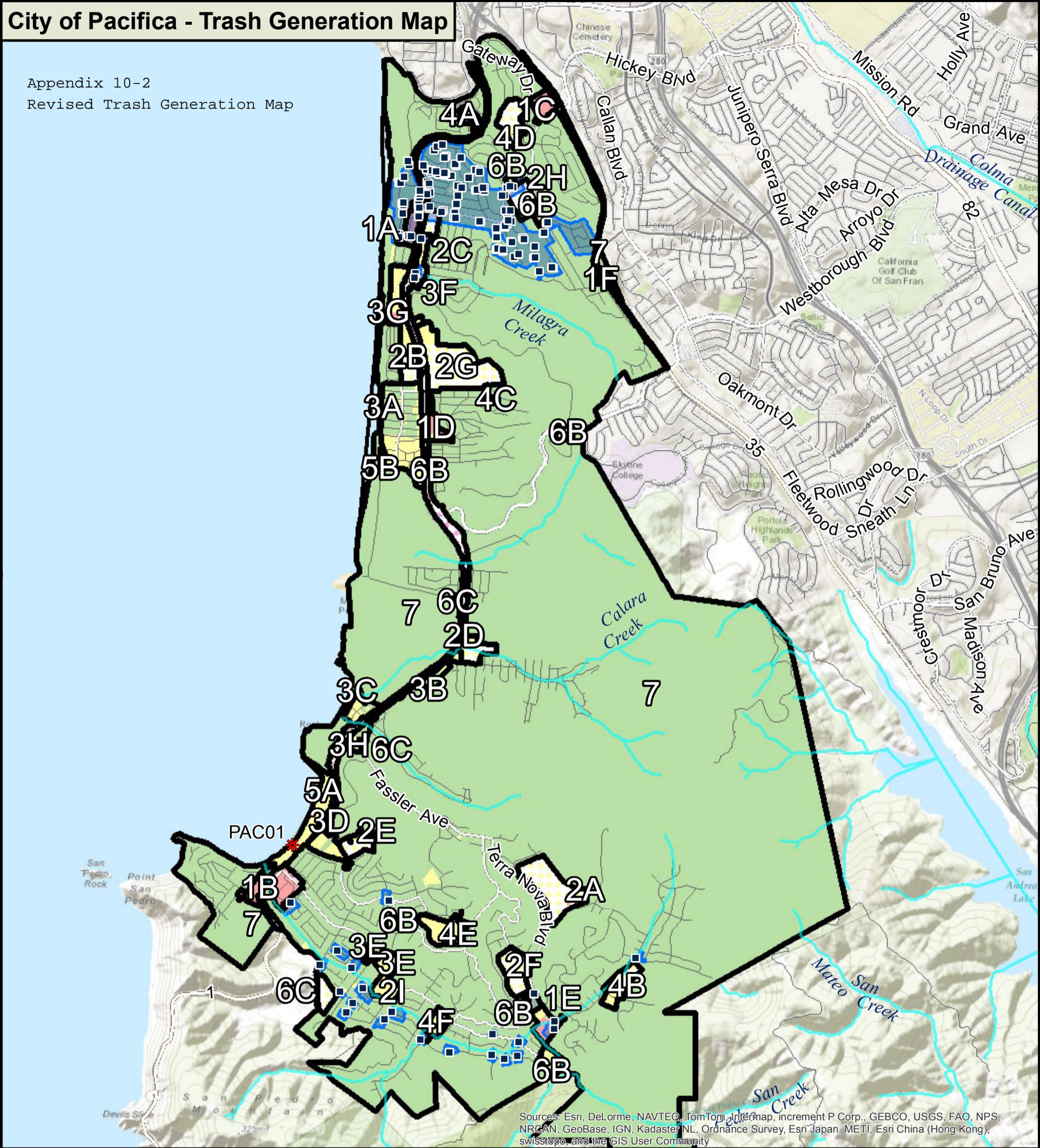
Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 15-16.

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 and Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture AND Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	2	5	69	0	76	18	4	54	0	76	10.6	35	41	0	0	76	29.9	40.5
2	0	47	0	0	47	1	46	0	0	47	0.2	1	46	0	0	47	0.0	0.2
3	51	111	5	0	167	56	107	4	0	167	1.5	106	56	5	0	167	7.5	9.1
4	0	50	0	0	50	0	50	0	0	50	0.0	0	50	0	0	50	0.0	0.0
5	0	35	0	0	35	0	35	0	0	35	0.0	0	35	0	0	35	0.0	0.0
6	1	29	0	0	30	5	25	0	0	30	0.7	5	25	0	0	30	0.0	0.7
7	7266	13	1	0	7280	7269	11	1	0	7280	0.9	7269	11	1	0	7280	0.0	0.9
Totals	7319	291	76	0	7686	7350	278	58	0	7686	14.7*	7416	263	6	0	7686	37.5	52.2*

*The jurisdiction-wide reduction reported for full capture systems includes 0.8% reduction for treatment of 4.7 acres of non-jurisdictional public K-12, college and university school land areas.

City of Pacifica - Trash Generation Map

Appendix 10-2
Revised Trash Generation Map



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

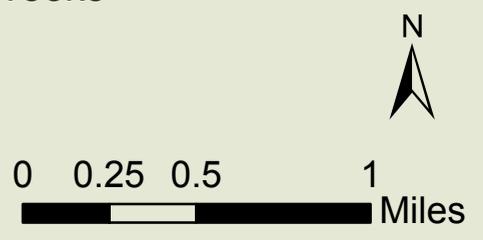
Legend

Trash Generation Category

- Low
- Moderate
- High
- Very High

- * Creek/Shoreline Hotspot
- Full-Capture Location
- Full Trash Capture
- Trash Management Area
- Non-Jurisdictional (Dot color = Generation Category)

- Streets
- Freeway
- Creeks



Section 11 - Provision C.11 Mercury Controls

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

Summary:

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

Section 12 - Provision C.12 PCBs Controls

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

Summary:

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

Section 13 - Provision C.13 Copper Controls

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

(For FY 15-16 Annual Report only) Do you have adequate legal authority to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs?

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
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(For FY 15-16 Annual Report only) Provide a summary of how copper architectural features are addressed through the issuance of building permits.

Summary:

The City provides the SMCWPPP “Requirements for Architectural Copper” Fact Sheet (www.flowstobay.org/files/newdevelopment/flyersfactsheets/ArchitecturalcopperBMPs.pdf) to building permit applicants for roof replacement or new buildings and reviews building permit applications specifically for the use of copper architectural features, and provides guidance on the installation and maintenance of these features.

(FY 15-16 Annual Report and each Annual Report thereafter) Provide summaries of permitting and enforcement activities to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction.

Summary:

During construction, municipal construction stormwater inspectors are responsible for identifying copper architectural features and if appropriate BMPs are implemented. Any issues noted are documented and enforcement actions recorded in the Provision C.6 inspection records. Post-construction municipal illicit discharge inspectors are responsible for responding to, investigating and identifying illegal discharge of wash water from washing copper architectural features. Any enforcement actions or reported discharges are recorded in the Provision C.5 inspection records. The SMCWPPP “Requirements for Architectural Copper” Fact Sheet is made available to the public, construction inspectors and illicit discharge inspectors on the SMCWPPP website (www.flowstobay.org/files/newdevelopment/flyersfactsheets/ArchitecturalcopperBMPs.pdf). Inspectors are made aware of the concerns with copper architectural features at SMCWPPP Training Workshops and internal municipal trainings.

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

<p><i>(For FY 15-16 Annual Report only)</i> Do you have adequate legal authority to prohibit the discharge to storm drains of water containing copper-based chemicals from pools, spas, and fountains?</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-containing discharges from pools, spas, and fountains are addressed to accomplish the prohibition of the discharge.</p>				
<p>Summary:</p> <p>City provides the OWOW “Maintenance Tips for Pools, Spas, and Fountains” Fact Sheet, available on the SMCWPPP website (http://www.ourwaterourworld.org/Portals/0/documents/pdf/Maintenance%20Tips%20for%20Pools%20%20Spas%20and%20Fountains.pdf) to educate the public, responds to discharges from pools through our illicit discharge detection and elimination program and requires all regulated projects to discharge pools, spas, and fountain water to the sanitary sewer.</p>				
<p><i>(FY 15-16 Annual Report and each Annual Report thereafter)</i> Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.</p>				
<p>Summary:</p> <p>Upon review of our Provision C.5 illicit discharge inspection data we found no enforcement activities related to copper-containing discharges from pools, spas, and fountains.</p>				

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

<p>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.</p>
<p>Summary:</p> <p>No facilities inspected resulted in the need for BMPs to be provided to businesses that describe methods of reducing copper in the environment.</p>

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

C.15.b.vi.(2) ► Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:

- Promote conservation programs
- Promote outreach for less toxic pest control and landscape management
- Promote use of drought tolerant and native vegetation
- Promote outreach messages to encourage appropriate watering/irrigation practices
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

Summary:

The City of Pacifica Planning and Building Departments assist developers and builders to comply with the State Water Efficient Landscape ordinance and the City's web site promotes efficient landscaping. The City has adopted policies and guidelines within the City of Pacifica Design Guidelines to address water conservation for new development.

See Section C.9.e.ii of SMCWPPP's FY 15-16 Annual Report for a description of SMCWPPP's activities related to point-of-purchase outreach which promotes less toxic pest control and landscape management. See Section C.7 of SMCWPPP's FY 15-16 Annual Report for a description of outreach conducted to promote water conservation programs, such as promoting rain barrel use. Information on water conservation, less-toxic pest control and appropriate watering/irrigation practices is also posted on SMCWPPP's website (www.flowstobay.org).

**NPDES Permit # CAS612008
FY 15-16 MRP Annual Report**

Address Location	am/Element	Facility ID	Record ID	Street Number	Street Name	City	Name	Permit Status
PACIFICA	3090	FA0060527	PR0083039	5430	CABRILLO HGWY	PACIFICA	THE POINT	NEW PERMIT
PACIFICA	3090	FA0060029	PR0082985	700	HICKEY	PACIFICA	7-ELEVEN INC. STORE #37265	(none)
PACIFICA	3090	FA0060029	PR0082483	700	HICKEY	PACIFICA	7-ELEVEN INC. STORE #37265	(none)
PACIFICA	3090	FA0059954	PR0082381	1237	LINDA MAR SHOPPING CENTER	PACIFICA	TABLE WINE MERCHANT LLC	(none)
PACIFICA	3090	FA0059850	PR0082255	580	CRESPI	PACIFICA	FOG CITY JAVA	(none)
PACIFICA	3090	FA0059265	PR0082026	5550	COAST HWY	PACIFICA	PACIFICA GROCERY OUTLET	(none)
PACIFICA	3090	FA0058239	PR0080735	1121	PALMETTO	PACIFICA	THE TRIPP DISTILLERY	(none)
PACIFICA	3090	FA0008074	PR0044569	1249	LINDA MAR CENTER	PACIFICA	CHEERS OF PACIFICA	(none)
PACIFICA	3090	FA0001840	PR0044548	580	CRESPI	PACIFICA	KANI KOSEN	(none)
PACIFICA	3090	FA0052928	PR0073476	404	SAN PEDRO	PACIFICA	TOAST CATERING EVENT MANAGEMENT	(none)
PACIFICA	3090	FA0022302	PR0081669	751	SAN PEDRO	PACIFICA	LINDA MAR REHABILITATION	(none)
PACIFICA	3090	FA0003767	PR0044575	1301	PALMETTO	PACIFICA	MITSU	(none)
PACIFICA	3090	FA0054697	PR0075414	683	MANOR	PACIFICA	RICE N ROLL	(none)
PACIFICA	3090	FA0014320	PR0044603	67	AURA VISTA	PACIFICA	VIVA ITALIANO RESTAURANT	(none)
PACIFICA	3090	FA0055585	PR0076625	90	EUREKA SQUARE	PACIFICA	JEFF FOOD TEA WORLD	(none)
PACIFICA	3090	FA0001964	PR0044529	1710	FRANCISCO	PACIFICA	EL GRANO DE ORO	(none)
PACIFICA	3090	FA0014015	PR0044583	220	PALOMA	PACIFICA	SALADA BEACH CAFE	(none)
PACIFICA	3090	FA0034557	PR0065705	1041	TERRA NOVA	PACIFICA	GOODFELLAS PIZZA	(none)
PACIFICA	3090	FA0002621	PR0044541	1023	TERRA NOVA	PACIFICA	UPPER CRUST DELICATESSEN	(none)
PACIFICA	3090	FA0001061	PR0044546	1015	TERRA NOVA	PACIFICA	SUN VALLEY FINE FOODS	(none)
PACIFICA	3090	FA0006985	PR0044635	4455	HWY 1	PACIFICA	PACIFICA TIRE	(none)
PACIFICA	3090	FA0011474	PR0044640		HWY 1	PACIFICA	SHARP PARK GOLF COURSE	(none)
PACIFICA	3090	FA0000078	PR0044513	1427	PALMETTO	PACIFICA	INGRID B LACY MIDDLE SCHOOL	(none)
PACIFICA	3090	FA0047906	PR0067380	95	BILL DRAKE	PACIFICA	PACIFICA SHELL	(none)
PACIFICA	3090	FA0011438	PR0044632	375	REINA DEL MAR	PACIFICA	PACIFICA SCHOOL DISTRICT	(none)
PACIFICA	3090	FA0000082	PR0044495	1283	TERRA NOVA	PACIFICA	ORTEGA ELEMENTARY SCHOOL	(none)
PACIFICA	3091	FA0046290	PR0062713	1046	PALMETTO	PACIFICA	RECOLOGY OF THE COAST	(none)

**NPDES Permit # CAS612008
FY 15-16 MRP Annual Report**

Address Location	am/Element	Facility ID	Record ID	Street Number	Street Name	City	Name	Permit Status
PACIFICA	3090	FA0056848	PR0078850	773	HICKEY	PACIFICA	FAIRMONT CLEANERS	(none)
PACIFICA	3090	FA0027575	PR0044620	411	OCEANA	PACIFICA	OCEAN SHORE SCHOOL	(none)
PACIFICA	3090	FA0000081	PR0044514	830	ROSITA	PACIFICA	LINDA MAR SCHOOL/ BUILDING KIDZ	(none)
PACIFICA	3090	FA0027284	PR0044619	340	INVERNESS	PACIFICA	SUNSET RIDGE SCHOOL	(none)
PACIFICA	3090	FA0023327	PR0044606	761	HICKEY	PACIFICA	AMERICAN SUSHI HOUSE	(none)
PACIFICA	3090	FA0027441	PR0044616		HWY 1 & SHARP PARK	PACIFICA	SHARP PARK RESTAURANT	(none)
PACIFICA	3090	FA0028848	PR0049366	1709	PALMETTO	PACIFICA	RAYMONDS CHINESE CUISINE	(none)
PACIFICA	3090	FA0027770	PR0044849	1050A	PALMETTO	PACIFICA	TONY'S MOBILE AUTO REPAIR	(none)
PACIFICA	3090	FA0028016	PR0064279	1030	LINDA MAR	PACIFICA	ALMA HEIGHTS CHRISTIAN ACADEMY	(none)
PACIFICA	3090	FA0000074	PR0044493	601	CRESPI	PACIFICA	CABRILLO ELEMENTARY SCHOOL	(none)
PACIFICA	3090	FA0054452	PR0075098	444	MANOR PLAZA	PACIFICA	THE GREEN ENCHILADA	(none)
PACIFICA	3090	FA0000530	PR0044496	446	MANOR PLAZA	PACIFICA	KAY HEUNG RESTAURANT #2	(none)
PACIFICA	3090	FA0054373	PR0075031	455	OCEANA	PACIFICA	OCEAN FISH JAPANESE CUISINE	(none)
PACIFICA	3090	FA0044466	PR0074790	555	OCEANA	PACIFICA	24 HOUR FITNESS	(none)
PACIFICA	3090	FA0050958	PR0070710	1049	TERRA NOVA	PACIFICA	CITY GRILL	(none)
PACIFICA	3090	FA0023367	PR0044664	2400	FRANCISCO	PACIFICA	NORTH COAST COUNTY WATER DIST	(none)
PACIFICA	3090	FA0001064	PR0044527	74	MANOR	PACIFICA	SAVE MORE MEAT MARKET	(none)
PACIFICA	3090	FA0029146	PR0050064	1319	LINDA MAR CENTER	PACIFICA	COLDSTONE CREAMERY	(none)
PACIFICA	3090	FA0025353	PR0044600	1328	LINDA MAR CENTER	PACIFICA	PALM CITY FAST FOOD RESTAURANT	(none)
PACIFICA	3090	FA0047943	PR0066595	1320	LINDA MAR	PACIFICA	SUBWAY SANDWICH	(none)
PACIFICA	3090	FA0025088	PR0044608	1227	LINDA MAR CENTER	PACIFICA	STARBUCKS COFFEE	(none)
PACIFICA	3090	FA0054484	PR0075140	2470	SKYLINE	PACIFICA	8 SUSHI	(none)
PACIFICA	3090	FA0053258	PR0074081	164	REINA DEL MAR	PACIFICA	GUERRERO TAQUERIA	(none)
PACIFICA	3090	FA0040902	PR0064276	152	REINA DEL MAR	PACIFICA	P-TOWN CAFE	(none)
PACIFICA	3090	FA0025289	PR0044599	2095	CABRILLO HIGHWAY	PACIFICA	CHEVRON	(none)
PACIFICA	3090	FA0001015	PR0044500	4625	HWY 1	PACIFICA	SEA BOWL PACIFICA INC	(none)
PACIFICA	3090	FA0048765	PR0066812	230	REINA DEL MAR	PACIFICA	SUN VALLEY MARKET	(none)

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Address Location	am/Element	Facility ID	Record ID	Street Number	Street Name	City	Name	Permit Status
PACIFICA	3090	FA0000080	PR0044504	377	REINA DEL MAR	PACIFICA	VALLEMAR SCHOOL	(none)
PACIFICA	3090	FA0002421	PR0044540	2125	HWY 1	PACIFICA	VALLEMAR STATION SPORTS BAR	(none)
PACIFICA	3090	FA0046149	PR0064135	679	HICKEY	PACIFICA	Gateway Shell #146	(none)
PACIFICA	3090	FA0000083	PR0044505	1450	TERRA NOVA	PACIFICA	TERRA NOVA HIGH SCHOOL	(none)
PACIFICA	3090	FA0028855	PR0049172	1231	LINDA MAR CENTER	PACIFICA	L & L HAWAIIAN BBQ	(none)
PACIFICA	3090	FA0023658	PR0044607	749	HICKEY	PACIFICA	LEDU RESTAURANT	(none)
PACIFICA	3090	FA0026676	PR0044612	791	HICKEY	PACIFICA	STARBUCKS COFFEE	(none)
PACIFICA	3090	FA0056125	PR0077396	2480	SKYLINE	PACIFICA	QUICK MART	(none)
PACIFICA	3090	FA0053831	PR0074369	81	AURA VISTA	PACIFICA	PACIFICA U SAVE	(none)
PACIFICA	3090	FA0001029	PR0044511	70	MANOR	PACIFICA	CAMELOT FISH & CHIPS #1	(none)
PACIFICA	3090	FA0001034	PR0044522	484	MANOR PLAZA	PACIFICA	COLOMBOS DELICATESSEN	(none)
PACIFICA	3090	FA0001049	PR0044534	12	Plaza	Pacifica	Safeway 3008	(none)
PACIFICA	3090	FA0027706	PR0067657	133	MANOR	PACIFICA	O'Reilly Auto Parts #3562	(none)
PACIFICA	3090	FA0014931	PR0044594	450	DONDEE	PACIFICA	ROCK N ROBS	(none)
PACIFICA	3090	FA0017527	PR0044646	1518	FRANCISCO	PACIFICA	SIMONS AUTO WERKS	(none)
PACIFICA	3090	FA0051910	PR0073117	986	LINDA MAR	PACIFICA	BEACH MONKEY CAFE	(none)
PACIFICA	3090	FA0025875	PR0054195	950	LINDA MAR	PACIFICA	LUIGI THE PIZZERIA	(none)
PACIFICA	3090	FA0001022	PR0044510	996	LINDA MAR	PACIFICA	NEW SUN VALLEY	(none)
PACIFICA	3090	FA0055553	PR0076588	1522	FRANCISCO	PACIFICA	WINTERS TAVERN	(none)
PACIFICA	3090	FA0050772	PR0070488	2017	PALMETTO	PACIFICA	SEAHORSE SALOON	(none)
PACIFICA	3090	FA0000996	PR0044507	100	CLARENDON	PACIFICA	SEVEN ELEVEN STORE #14318	(none)
PACIFICA	3090	FA0026975	PR0044618	2100	BEACH	PACIFICA	CHIT CHAT CAFE AT THE PIER	(none)
PACIFICA	3090	FA0025308	PR0044609	100	MILAGRA	PACIFICA	PACIFICA CHEVRON	(none)
PACIFICA	3090	FA0049461	PR0067635	640	CRESPI	PACIFICA	PACIFICA ATHLETIC CENTER	(none)
PACIFICA	3090	FA0052592	PR0073862	525	CRESPI	PACIFICA	PUERTO 27	(none)
PACIFICA	3090	FA0056084	PR0077301		Hickey & Skyline Blvd	Pacifica	Verizon Wireless Hwy 35 Hickey	(none)
PACIFICA	3090	FA0047037	PR0064131	1339	LINDA MAR	PACIFICA	CIGARS PLUS	(none)

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Address Location	am/Element	Facility ID	Record ID	Street Number	Street Name	City	Name	Permit Status
PACIFICA	3090	FA0029634	PR0050622	4700	Fassler	Pacifica	Verizon Wireless San Pedro Valley	(none)
PACIFICA	3090	FA0022995	PR0044596	1357	LINDA MAR CENTER	PACIFICA	EL GRAN AMIGO #2	(none)
PACIFICA	3090	FA0053941	PR0074519	713	HICKEY	PACIFICA	GUERRERO TAQUERIA 2	(none)
PACIFICA	3090	FA0022417	PR0044663			PACIFICA	PG&E: PACIFICA SUBSTATION	(none)
PACIFICA	3090	FA0001052	PR0044525	100	ROCKAWAY BEACH	PACIFICA	NICKS ROCKAWAY	(none)
PACIFICA	3090	FA0013772	PR0044582	494	MANOR PLAZA	PACIFICA	TAMS RESTAURANT	(none)
PACIFICA	3090	FA0031324	PR0053589	2145	HWY 1	PACIFICA	GORILLA BARBEQUE, LLC	(none)
PACIFICA	3090	FA0056012	PR0077192	5460	CABRILLO HWY	PACIFICA	LA PLAYA TAQUERIA	(none)
PACIFICA	3090	FA0044849	PR0064270	5500	HWY 1	PACIFICA	HIGH TIDE	(none)
PACIFICA	3090	FA0006166	PR0044568	793	HICKEY	PACIFICA	SAMS CHINESE KITCHEN	(none)
PACIFICA	3090	FA0025964	PR0044667	700	HWY 1	PACIFICA	CALERA CREEK WASTEWATER PLANT	(none)
PACIFICA	3090	FA0023840	PR0044671	675	OCEANA	PACIFICA	PACIFICA CORP YARD	(none)
PACIFICA	3090	FA0045224	PR0071708	4627	COAST HIGHWAY	PACIFICA	SURF SPOT	(none)
PACIFICA	3090	FA0029561	PR0073224	1275	DANMANN	PACIFICA	PEDRO POINT CREATIVE	(none)
PACIFICA	3090	FA0045652	PR0076026	520	PALMETTO	PACIFICA	WALGREENS 11261	(none)
PACIFICA	3090	FA0056038	PR0077339	125	MONTEREY	PACIFICA	MCDONALDS	(none)
PACIFICA	3090	FA0001042	PR0064274	520	PALMETTO	PACIFICA	WALGREENS-PACIFICA	(none)
PACIFICA	3090	FA0002656	PR0044532	101	MANOR	PACIFICA	MAZZETTIS BAKERY	(none)
PACIFICA	3090	FA0058488	PR0081051	1715	PALMETTO	PACIFICA	BUNNY	(none)
PACIFICA	3090	FA0058072	PR0080562	330	PALMETTO	PACIFICA	SUSHI KOKO	(none)
PACIFICA	3090	FA0011178	PR0044630	66	MANOR	PACIFICA	SEAVIEW TIRE & BRAKE CENTER	(none)

SCREEN SHOT OF CITY WEBSITE SHOWING THE CENTRAL CONTACT POINT

The screenshot shows a web browser window with the address bar displaying www.cityofpacifica.org/depts/planning/stormwater_compliance/default.asp. The page content includes several links: [Guide to Creek and Wetland Project Permitting](#), [Flows To Bay Community Webpage](#), [Flows To Bay Business Webpage](#), and [Additional forms and handouts](#). A section titled "Stormwater Points of Contact:" lists Raymond Donguines (Associate Civil Engineer, NPDES Coordinator) with email donguinesr@ci.pacifica.ca.us and phone (650) 738-3768, and Code Enforcement with email codeenforcement@ci.pacifica.ca.us and phone (650) 738-7343. Below this is an Adobe Acrobat Reader logo and a button to download the latest version. The footer features the City of Pacifica logo, contact address (1800 Francisco Blvd. Pacifica, CA 94044), phone numbers, and navigation links for Residents, Business, Visitors, Services, FAQs, Contact Us, City Hall Listens, For the Record, and Maps / Directions. The Civica logo is also present. The Windows taskbar at the bottom shows the date and time as 12:42 PM on 9/22/2016.