



**CITY OF ALAMEDA**

**FISCAL YEAR 2014/2015 ANNUAL REPORT**

**OF STORMWATER PROGRAM IMPLEMENTATION**



Submitted to:

California Regional Water  
Quality Control Board, San  
Francisco Bay Region

September 15, 2015



## City of Alameda, California

September 15, 2015

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

Re: City of Alameda Clean Water Program, Fiscal Year 2014/2015 Annual Report

Dear Mr. Wolfe:

Enclosed is the City of Alameda's Fiscal Year 2014/2015 Annual Report of Clean Water Program activity under the Municipal Regional Stormwater NPDES Permit No. CAS612008. Program activities are discussed in detail in this attached report.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed 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.

If you have any questions or comments regarding this submittal, or require further information, please contact City Clean Water Program staff at (510) 747-7930.

Sincerely,

A handwritten signature in blue ink, appearing to read "Liam Garland", is written over a horizontal line.

Liam Garland  
Acting Public Works Director

LG:jn

enclosure

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**ATTACHMENT B**

**Table of Contents**

<b>Section</b>	<b>Page</b>
Section 1 – Permittee Information.....	1-1
Section 2 – Provision C.2 Municipal Operations .....	2-1
Section 3 – Provision C.3 New Development and Redevelopment.....	3-1
Section 4 – Provision C.4 Industrial and Commercial Site Controls.....	4-1
Section 5 – Provision C.5 Illicit Discharge Detection and Elimination .....	5-1
Section 6 – Provision C.6 Construction Site Controls.....	6-1
Section 7 – Provision C.7 Public Information and Outreach .....	7-1
Section 8 – Provision C.8 Water Quality Monitoring.....	8-1
Section 9 – Provision C.9 Pesticides Toxicity Controls .....	9-1
Section 10 – Provision C.10 Trash Load Reduction.....	10-1
Section 11 – Provision C.11 Mercury Controls .....	11-1
Section 12 – Provision C.12 PCBs Controls .....	12-1
Section 13 – Provision C.13 Copper Controls.....	13-1
Section 14 – Provision C.14 PBDE, Legacy Pesticides and Selenium Controls.....	14-1
Section 15 – Provision C.15 Exempted and Conditionally Exempted Discharges .....	15-1

Section 1 – Permittee Information

Background Information			
<b>Permittee Name:</b>	City of Alameda		
<b>Population:</b>	76,419 (2013 U.S. Census estimate)		
<b>NPDES Permit No.:</b>	CAS612008		
<b>Order Number:</b>	R2-2009-0074R		
<b>Reporting Time Period (month/year):</b>	July 2014 through June 2015		
<b>Name of the Responsible Authority:</b>	Liam Garland	<b>Title:</b>	Acting Public Works Director
<b>Mailing Address:</b>	950 West Mall Square, Room 110		
<b>City:</b>	Alameda	<b>Zip Code:</b>	94501
		<b>County:</b>	Alameda
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<b>E-mail Address:</b>	<a href="mailto:pw@alamedaca.gov">pw@alamedaca.gov</a>		
<b>Name of the Designated Stormwater Management Program Contact (if different from above):</b>	Jim Barse Patrizia Guccione	<b>Title:</b>	Clean Water Program Specialist Clean Water Program Specialist
<b>Department:</b>	Public Works Department		
<b>Mailing Address:</b>	950 West Mall Square, Room 110		
<b>City:</b>	Alameda	<b>Zip Code:</b>	94501
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## Section 2 - Provision C.2 Reporting Municipal Operations

### Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary: See Section C.2 - Municipal Operations - of the Alameda Countywide Clean Water Program's (ACCWP) FY 14-15 Annual Report for a summary of Program activities.

The following is a summary of accomplishments, evaluations, and training not otherwise summarized in this Report:

#### Street Sweeping Program

The City continues to implement its street sweeping program. Street-sweeping frequency in commercial areas and high-traffic corridor areas varies from daily to weekly, and residential areas are swept weekly. This reporting year, maintenance staff swept 24,123 miles of roadway and removed approximately 11,085 cubic yards of debris and 330 cubic yards of leaves from city streets.

#### Storm Drain Infrastructure Maintenance Program

This reporting year City maintenance staff cleaned 3799 storm drainage structures during routine inspection and maintenance efforts and removed approximately 276 cubic yards of debris. This volume total is in addition to the trash/debris totals removed during the maintenance efforts of full-trash capture devices detailed in Section C.10.a. Staff continues to evaluate strategies to efficiently implement the storm drainage facility inspection and cleaning program.

#### Alameda County Clean Water Program Municipal Maintenance Subcommittee Participation

City staff chairs and actively participates in the Alameda County Clean Water Program's Municipal Maintenance Subcommittee and associated work groups. Please refer to the C.2 Municipal Operations section of the Alameda County Program's FY 14/15 Annual Report for a description of activities implemented at the countywide level and/or regional level.

#### Alameda County Clean Water Program Municipal Maintenance Subcommittee Workshop

One Public Works Department Clean Water Program Specialist and three Maintenance staff attended the "Innovations in Municipal Maintenance" Workshop held on October 29, 2014 in San Leandro. The workshop focused on custom equipment used to reduce pollutants in stormwater runoff, the use of artwork to combat graffiti vandalism, and an update on stormwater treatment pilot studies for tree wells and street sweeping. Additionally, the workshop included a field demonstration of power washing equipment that utilizes water recycling.

**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.

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

Comments:  
 The City of Alameda's street and road repair and maintenance program implements effective BMPs to prevent impacts to water quality during construction activity. City contracts specify the need to implement effective BMPs consistent with local and State standards for sediment and erosion control and site management practices. City inspectors and project managers/engineers are knowledgeable of BMP standards, provide field oversight, and work to ensure efforts are undertaken to prevent ineffective BMP implementation.

**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.

<b>Y</b>	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
<b>Y</b>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:  
 City Clean Water Program staff closely worked with the City project manager in charge of beautifying the Park Street Business District's sidewalks and plazas to ensure that the selected contractor adheres to BASMAA's Surface Cleaning BMPs. Also, Clean Water Program staff routinely distributes model contract specification regarding the BASMAA Mobile Surface Cleaner Program and BMPs to City department personnel for contract implementation.

**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.

<b>Y</b>	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
<b>Y</b>	Control of discharges from graffiti removal activities
<b>Y</b>	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
<b>Y</b>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
<b>Y</b>	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
<b>Y</b>	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments:  
 City maintenance personnel do not conduct any bridge maintenance activities. City maintenance personnel are trained in and implement proper BMPs for graffiti removal activities.

**C.2.d. ► Stormwater Pump Stations**

Does your municipality own stormwater pump stations:  **Yes**  **No**

If your answer is **No** then skip to **C.2.e.**

Complete the following table for dry weather DO monitoring and inspection data for pump stations<sup>1</sup> (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt .

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
Arbor Street	7/14/14	5.15	8/12/14	4.30
Northside( Marina Village)	7/14/14	3.70	8/12/14	7.29
Webster Street	7/14/14	4.28	8/12/14	5.50
Main Street	7/14/14	5.15	8/12/14	5.22
Eastshore at Central	7/14/14	4.51	8/12/14	6.52
Golf Course	7/14/14	9.40	8/12/14	5.54

<sup>1</sup> DO monitoring is exempted where all discharge from a pump station remains in a stormwater collection system or infiltrates into a dry creek immediately downstream.

Comments:  
 The City stormwater pump stations at both Bayport and 3<sup>rd</sup> @ Atlantic discharge back into the municipal stormwater collection system and are therefore exempt from DO monitoring.

Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:  
 The City did not need to take any corrective actions. No additional inspection records were recorded.

Summary:  
 The City completed all dry weather pump station DO monitoring this reporting period. All of the collected DO level data was above the 3 mg/L value. The sampling program was led by the City Clean Water Program staff in collaboration with maintenance personnel responsible for the operations and maintenance of the pump stations in both sampling rounds. Maintenance personnel were also briefed on basic dissolved oxygen water chemistry and causes of potential low DO values in the stormwater pump station to ensure that operational activities continue to protect water quality.

Attachments:  
 The City maintains its DO monitoring field records that substantiate the data above, but has not provided any additional documentation in this report. As indicated above, the City did not need to undertake any corrective actions, so no additional inspection records were generated.

Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):

<b>Pump Station Name and Location</b>	<b>Date</b> (2x/year required)	<b>Presence of Trash</b> (Cubic Yards)	<b>Presence of Odor</b> (Yes or No)	<b>Presence of Color</b> (Yes or No)	<b>Presence of Turbidity</b> (Yes or No)	<b>Presence of Floating Hydrocarbons</b> (Yes or No)
Arbor Street	10/27/14	Low (covers 1% to 10% of wetwell)	No	No	No	No
Arbor Street	2/9/15	Low (covers 1% to 10% of wetwell)	No	Light/milky	Cloudy	No
Northside (Marina Village)	10/27/14	Low (covers 1% to 10% of wetwell)	No	Light/milky	Cloudy	No
Northside (Marina Village)	2/9/15	Low (covers 1% to 10% of wetwell)	No	No	Trace	No
Webster Street	10/27/14	No	No	No	Trace	No

Webster Street	2/9/15	No	No	No	No	No
Bayport	10/27/14	Low (covers 1% to 10% of wetwell)	No	No	Trace	No
Bayport	2/9/15	No	No	No	No	No
Main Street	10/27/14	No	No	No	No	No
Main Street	2/9/15	No	No	No	No	No
3 <sup>rd</sup> and Atlantic	10/27/14	No	No	Slightly discolored	Trace	No
3 <sup>rd</sup> and Atlantic	2/9/15	Medium (covers 10% to 50% of wetwell)	No	Slightly discolored	Trace	No
Golf Course	10/27/14	No	No	Light green	Opaque	No
Golf Course	2/9/15	No	No	Slightly discolored	Trace	No
Central and Eastshore	10/27/14	Low (covers 1% to 10% of wetwell)	No	No	No	No
Central and Eastshore	2/9/15	Low (covers 1% to 10% of wetwell)	No	No	No	No

**Comments:** Stormwater pump stations are cleaned monthly as part of the City's Storm Drain Infrastructure Maintenance Program. The table below summarizes the trash/debris (in cubic yards) removed from individual pump stations during fiscal year 2014/2015.

	AMOUNT OF TRASH AND DEBRIS REMOVED PER MONTH (in cubic yards)												Yearly Total in cubic yards
	2014						2015						
Pump Stations	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	
Main Street	0.0	0.1	0.1	0.0	0.0	0.0	0.00	0.25	0.0	0.0	0.0	0.0	0.5
Third Street	0.0	0.1	1.5	0.0	0.1	0.2	Trace	0.00	0.0	0.0	0.0	0.0	0.4
Bayport	0.2	0.2	0.2	0.0	6.0	9.0	0.0	2.00	0.0	0.0	1.0	0.0	18.6
Webster Street	0.0	0.1	0.0	0.0	0.0	0.0	0.00	0.50	0.0	0.0	0.0	0.0	0.6
North Side (Marina Village)	0.3	0.2	0.1	0.0	4.0	8.0	2.0	2.00	0.0	0.0	1.5	0.0	18.1
Arbor Street	0.2	0.1	0.1	0.0	2.0	no access due to construction	0.0	no access due to construction	0.0	0.0	no access due to construction	0.0	2.4
Eastshore (trash screen)	0.0	0.1	0.1	0.0	0.3	0.3	Trace	0.00	0.0	0.0	Trace	0.0	0.8
Golf Course Slough (no trash screen or rack)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
<b>TOTAL</b>	<b>0.7</b>	<b>0.9</b>	<b>2.1</b>	<b>0.0</b>	<b>12.4</b>	<b>17.5</b>	<b>2.00</b>	<b>4.75</b>	<b>0.0</b>	<b>0.0</b>	<b>2.5</b>	<b>0.0</b>	<b>42.9</b>

C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural <sup>2</sup> roads:		<input type="checkbox"/>	Yes
		<input checked="" type="checkbox"/>	No
If your answer is <b>No</b> then skip to <b>C.2.f.</b>			
Place a <b>Y</b> in the boxes next to activities where applicable BMPs were implemented. If not applicable, type <b>NA</b> in the box and provide an explanation in the comments section below. Place an <b>N</b> in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.			
<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas		
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources		
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts		
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality		
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion		
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate		
<input type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings		
Comments including listing increased maintenance in priority areas: As indicated above, the City of Alameda does not own/maintain any rural roads, so this section has been otherwise left blank.			

<sup>2</sup>Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

**C.2.f. ► Corporation Yard BMP Implementation**

Place an **X** in the boxes below that apply to your corporations yard(s):

<input type="checkbox"/>	We do not have a corporation yard
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We have a <b>Stormwater Pollution Prevention Plan (SWPPP)</b> for the Corporation Yard(s)

Place an **X** in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:  
 City maintenance personnel perform regular, routine duties and inspections to keep the municipal corporation yard and other storage/maintenance facilities in good order throughout the year. City CWP staff also performs annual inspections with maintenance personnel to double check on BMP implementation and document inspections consistent with requirements under Provision C.4.

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 Garage 2040 Grand Street	9/16/2014	No non-stormwater discharges were detected. The facility is generally orderly and SWPPP BMPs are being implemented. The inspection report called for the following corrective actions: <ul style="list-style-type: none"> <li>Cleaning of all litter from outside areas including perimeters of building by 9/18/14.</li> </ul>	Inspector stopped by on 9/18/14 and confirmed implementation of all corrective actions.

		<ul style="list-style-type: none"> <li>Coordinate with maintenance staff to schedule cleaning of the storm drain inlet and trench drains prior to October 1st.</li> </ul>	
<p>Chuck Corica Golf Course Maintenance Yard          – 1 Clubhouse Memorial Road          (Note: This municipal facility is not a corporation yard, but is an active site subject to routine municipal stormwater inspection)</p>	9/16/2014	<p>No non-stormwater discharges detected. Facility is very orderly and SWPPP practices and controls are being implemented. The inspection report called only for a few spot corrections in the landscape mix storage area: Pick up few littered items, dispose of scrap metal, and contain sand.</p>	<p>No follow up was necessary. Inspector received verbal confirmation that spot corrections have been implemented.</p>
<p>City Corporation Yard          1616 Fortmann Way</p>	9/18/2014	<p>No non-stormwater discharges detected. Facility is very orderly and SWPPP practices and controls are being implemented. The inspection report called for the following spot corrections:</p> <ul style="list-style-type: none"> <li>Cleanup chalk-like material from "meter parking area"</li> <li>Cleanup broken car wash scrubbers next to carwash facility</li> </ul>	<p>No follow up needed. All corrective actions were implemented by the end of inspection.</p>
<p>Alameda Municipal Power Service Center, 2000 Grand Street</p>	9/25/14	<p>Facility is generally orderly. SWPPP practices and controls are being implemented in all areas of activity. Facility inspection report identified three necessary spot corrections, including the correction of an illicit connection of an ice maker drainage line to an on-site drain inlet. The three spot corrections are as follows, one of which was completed by the end of the inspection:</p> <ul style="list-style-type: none"> <li>Disconnect staff ice maker melt water drainage line connection to storm drain inlet and prevent further discharge.</li> <li>Relocate large auger with sediment residues to a storage area effectively protected from elements and cleanup incidental sediment on pavement.</li> <li>Cleanup loose green waste and loose metal waste residues on pavement in dumpster area – all of these minor spot sweeping activities were completed prior to end of inspection.</li> </ul>	<p>Staff provided written confirmation that the ice maker connection had been removed and capped and the auger had been relocated to a more protected storage area (and trace sediments cleaned up) by 11/3/14.</p>
<p>City Corporation Yard          1616 Fortmann Way</p>	6/18/2015	<p>The inspection was prompted by Green Business Program certification audit: Corporation Yard is clean and orderly. The following spot housekeeping corrections were needed:</p>	<p>Follow-up inspection was conducted on 6/22/15</p>

		<ul style="list-style-type: none"> <li>• Cleanup of small oily grime spot in rear drive aisle.</li> <li>• Clean and remove accumulated litter and debris in Alameda Fire Department's (AFD) hazardous waste storage area.</li> <li>• Clean and remove loose trash, debris, and leaves in tree storage area.</li> <li>• Clean loose pipe cuttings and plaster dust debris in pipe area.</li> <li>• Remove mulch from parking lot and spread mulch in landscaped area.</li> <li>• Re-install spill kit by catch basin 1.</li> </ul>	
City Corporation Yard 1616 Fortmann Way	6/22/2015 Follow-up inspection	Follow-up to green business inspection/audit confirmed that all corrective actions have been completed except the cleaning of AFD's hazardous waste storage enclosure.	Received photos on 6/23/15 indicating that AFD's hazardous waste storage enclosure was cleaned and all leaf and soil accumulation had been removed.

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

**C.3.b.v.(2)(a) ► Green Streets Status Report**

(All projects to be completed by December 1, 2014)

On an annual basis (if applicable), report on the status of any pilot green street projects within your jurisdiction. For each completed project, report the capital costs, operation and maintenance costs, legal and procedural arrangements in place to address operation and maintenance and its associated costs, and the sustainable landscape measures incorporated in the project including, if relevant, the score from the Bay-Friendly Landscape Scorecard.

Summary:

There were not any pilot green street projects active within the City of Alameda this reporting period. However, please see the C.3 New Development and Redevelopment section of the Alameda Countywide Clean Water Program's recent Annual Reports that include descriptions of the Provision C.3.b. activities conducted at the countywide and regional levels. The three Green Streets Pilot Projects located in Alameda County (in Albany, Emeryville, Unincorporated Alameda County) have been completed. The Green Street Pilot Project Summary Report submitted by BASMAA, on behalf of the MRP permittees, in BASMAA's MRP FY 12-13 Regional Supplement – New Development and Redevelopment included available information on the green street projects constructed within Alameda County, including capital costs, O&M costs, legal and procedural arrangements to address O&M and its associated costs, and sustainable landscape measures.

**C.3.b.v.(1) ► Regulated Projects Reporting**

Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information.

The City of Alameda has completed the C.3.b.v.(1) Reporting Table to summarize Regulated Projects activity for FY 2014-15. Best efforts have been made to maintain naming-consistency for the various facility/project names and phases through the City's recent annual reports. Regulated Projects are listed in the same order in both Part One and Part Two of this Table and are listed chronologically based on the "Application Deemed Complete Date" data column (or, for Public Projects, the "Approval Date" data column) in Part Two of this Table.

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

<i>(For FY 11-12 Annual Report and each Annual Report thereafter)</i> Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?	<input checked="" type="checkbox"/>	<b>Yes</b>	<input type="checkbox"/>		<b>No</b>
Comments (optional): Yes, this has continued to be the method of implementation for Regulated Projects in the City of Alameda this reporting period.					

**C.3.e.vi ► Special Projects Reporting**

1. 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"/>	<b>Yes</b>	<input checked="" type="checkbox"/>		<b>No</b>
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2015 report? If yes, include the project in both the C.3.b.v.(1)Table, and the C.3.e.vi. Table.	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/>		<b>No</b>
If you answered "Yes" to either question, 1) Complete Table C.3.e.vi .below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.  No (potential) Provision C.3.e.vi. Special Projects were identified in the City of Alameda this reporting period. The responses in Table C.3.e.vi also indicate this and there are no project-specific narratives included here.					

**C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

<b>(1)</b> Fill in attached table <b>C.3.h.iv.(1)</b> or attach your own table including the same information. The City of Alameda has completed the C.3.h.iv.(1) Reporting Table, attached, to summarize the City's Provision C.3.h.iv.(1) activities for FY 2014-15.
<b>(2)</b> On an annual basis, 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: City staff performed a total of 16 (sixteen) C.3.h verification inspections at fourteen distinct facilities this reporting period, all of which are summarized in Table C.3.h.iv below. City staff completed a total of ten (10) routine, maintenance verification inspections, one follow-up maintenance inspection, and five (5) "45-day" post-construction verification inspections this reporting period. All five of these post-

construction verification inspections were performed in close association with the construction wrap-up and well within a 45-day window of construction completion and indicated that these facilities were completed in accordance with the approved plans and specifications.

The only commonly-observed maintenance issue this reporting period was the existence of vegetative and/or weedy overgrowth within the landscape-based bioretention areas at two separate facilities. No chronic accumulations of trash, litter or other debris (other than vegetative overgrowth) were encountered at any landscape-based treatment measures this reporting period.

As also accounted for in the City's FY 2013/14 Annual Report, the Bayport Stormwater Pond was subject to a C.3.h inspection in August 2014 (at that time to provide a timely update to Water Board staff inquiring about the status of that facility); there was a separate, routine inspection at this facility in January 2015, in further support of the on-going maintenance and management oversight of this facility.

Recent increases in development and construction activity with the City (as exemplified by trend increases in the number of Provision C3 Regulated Projects and Provision C6 inspections over the past three reporting periods) has resulted in an increase in Provision C3h inspections this reporting period in comparison to FY 2013-14. The number of maintenance problems and Provision C3h enforcement actions remain small however, consistent with the previous year's results. Private development landscape-based treatment areas in general continue to receive regular and consistent maintenance oversight. And, public treatment measures continue to be subject to municipal maintenance oversight.

**(3)** On an annual basis, 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 C3h inspections totals summarized above and detailed in the table below indicate that City staff remained actively engaged this reporting period with private facility operators and Municipal Service District management and maintenance personnel concerning on-going oversight of post-construction stormwater treatment measures. The City's project/permit approval process includes a condition for the project representative to submit an O&M Plan for review and approval by the City. City staff thus interacts with facility/project representatives concerning the development of the O&M Plan to ensure that the Plan is consistent with City and countywide program expectations. City staff continues to meet facility personnel responsible for post-construction oversight and discuss O&M plan expectations on routine and regular bases. Staff continues to aim to perform an initial inspection of new treatment measures within one year of the execution of a development project's stormwater treatment measures maintenance agreement and typically during the first autumn post-construction. City staff continued routine, annual, pre-rainy season correspondence with parties subject to a stormwater treatment measures maintenance agreement to remind responsible facility personnel about O&M inspection obligations and the annual end-of-calendar-year reporting requirement that the City includes within our standard treatment measure maintenance agreement. Staff continues efforts to efficiently coax the preparation of thorough O&M Plans, the execution of the maintenance agreements, and the submission of complete, annual O&M summary reports from facility representatives responsible for facility O&M implementation oversight.

The annual self-reporting required of private facility operators by the City provides an additional mechanism for the City to both ensure that treatment measures maintenance remains on facility operators' "to-do" lists and to review the status of facilities' on-going and routine O&M oversight of their Provision C.3 stormwater treatment measures.

<b>(4)</b> During the reporting year, did your agency:						
• Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation?	X	Yes		No		<b>Not applicable. No new facilities were installed.</b>
• Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls? <sup>3</sup>	X	Yes		No		<b>Not applicable. No treatment measures</b>
• Inspect at least 20 percent of the total number of installed vault-based systems?	X	Yes		No		<b>Not applicable. No vault systems.</b>
If you answered "No" to any of the questions above, please explain: The City of Alameda actively implemented its stormwater treatment systems inspection program, as indicated above and in the Table below.						

**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:

As also indicated in the City's previous annual report, BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Co-permittees. The City uses the BASMAA site design fact sheets to provide guidance for C.3.i implementation. The Alameda Countywide Clean Water Program developed a project application Stormwater Requirements Checklist to assist member agencies with Provision C3 implementation efforts with developers and other project applicants; the City implements the use of this Stormwater Requirements Checklist. City staff modified the project application stormwater requirements forms/checklists for use after December 1, 2012, articulating the requirement that all applicable projects shall implement at least one of the site design measures listed in Provision C.3.i. City staff also uses the C.3 Technical Guidance Manual Appendix M reference.

<sup>3</sup>If there is only 1 treatment measure in the jurisdiction, the agency must inspect it every year.

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

Project Name Project No.	Project Location <sup>10</sup> , Street Address	Name of Developer	Project Phase No. <sup>11</sup>	Project Type & Description <sup>12</sup>	Project Watershed <sup>13</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>14</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>15</sup>	Total Pre-Project Impervious Surface Area <sup>16</sup> (ft <sup>2</sup> )	Total Post-Project Impervious Surface Area <sup>17</sup> (ft <sup>2</sup> )
<b>Private Projects</b>											
Marina Cove II	1551 Buena Vista	Trident Partners LLC	One phase	53-lot, 89-unit residential subdivision	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	7.14	7.14	0 (area formerly developed)	267,248	311,018	267,248
Del Monte Warehouse (UPDATE)	1501 Buena Vista Avenue @ Entrance Road, Alameda, CA 94501.	Tim Lewis Communities	NA (one phase only)	Mixed-use redevelopment of warehouse with residential condominiums and apartments, retail shops	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	11.53	4.84	25,336	185,173	434,937	404,591
Alameda Landing Project: Residential Affordable Housing Site (Stargell Commons)	Stargell Ave at Bette Street	Resources for Community Development	Phase Six of Alameda Landing Project	32-unit Affordable housing project w/ parking, landscaping	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	0.94	0.94	0	30,870	40,946	30,870

<sup>10</sup>Include cross streets

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

<sup>12</sup>Project 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.

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

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

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

<sup>16</sup>For redevelopment projects, state the pre-project impervious surface area.

<sup>17</sup>For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Project Location <sup>10</sup> , Street Address	Name of Developer	Project Phase No. <sup>11</sup>	Project Type & Description <sup>12</sup>	Project Watershed <sup>13</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>14</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>15</sup>	Total Pre-Project Impervious Surface Area <sup>16</sup> (ft <sup>2</sup> )	Total Post-Project Impervious Surface Area <sup>17</sup> (ft <sup>2</sup> )
Home 2 Suites	1700 Harbor Bay Parkway	Balaji Alameda LLC	One phase	Commercial 4-story, 72-room hotel	San Francisco Bay	0.52	0.52	14100	5,660	5,660	19,760
VF Outdoors South	2321 North Loop Road	VF Outdoors, Inc. SRM Ernst	One phase	One corporate R&D building, parking, associated improvements	San Francisco Bay	2.64 ac	2.64 ac	89441	0	5,693	95,134
Alameda II - Hagstrom	2100 Clement Avenue	City Ventures	One Phase	52 residential homes and publicly accessible open space	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	2.78 acres	2.78	0	95,546	120,502	95,546
The Marriott Fairfield Inn Alameda	2350 Harbor Bay Parkway	RAM Hotels	One phase	Commercial, 5-story 100-room hotel	San Francisco Bay	1.51 ac	1.51	38,147 (approx)	6,200 (approx)	6,200 (approx)	44,347 (approx)
Alameda Point "Site A"	Main Street @ West Atlantic Avenue	Alameda Point Partners LLC	One phase currently, at Master Plan level	68-acre mixed use development site on former naval air station site to consist of 800 multi-family residential units, up to 600,000 square feet of retail/commercial uses, 13.35 acres of park and open spaces, new streets and streetscapes, utility infrastructure.	San Francisco Bay	67.8	TBD: Approx 62 acres. Development Plan calls for approx 14.8 acres of public park/plaza, 16.3 acres of street right-of-way and 36.7 acres of private site development.	TBD: Approx one acre	TBD	Approx 65 acres (the Site A area is currently approximately 95% impervious)	Development Plan calls for approx 14.8 acres of public park/plaza, 16.3 acres of street right-of-way and 36.7 acres of private site development.
Oakland Raiders Training Facility Upgrades	1220 Harbor Bay Parkway, Alameda, CA 94502	Oakland Raiders	One Phase	Practice field turf renovation. New construction of 18,000 sq ft gym facility	San Francisco Bay	4.6	4.6	27,978	0	0	27,978

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

Project Name Project No.	Project Location <sup>10</sup> , Street Address	Name of Developer	Project Phase No. <sup>11</sup>	Project Type & Description <sup>12</sup>	Project Watershed <sup>13</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>14</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>15</sup>	Total Pre-Project Impervious Surface Area <sup>16</sup> (ft <sup>2</sup> )	Total Post-Project Impervious Surface Area <sup>17</sup> (ft <sup>2</sup> )
McGuire & Hester	2810 Harbor Bay Parkway, Alameda, CA 94502	Harbor Bay Acquisition LLC	One Phase	2-story office building with associated parking, and landscapes.	San Francisco Bay	1.32	1.32	44,876	0	0	44,876
-	-	-	-	-	-	-	-	-	-	-	-
<b>Public Projects</b>											
Jean Sweeney Open Space Preserve	Atlantic Avenue at Constitution Way, Alameda, CA 94501	City of Alameda	One Phase	22 acre public open space with hiking and biking trails, natural landscapes, community gardens, plaza, park structures and parking areas.	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	22.0	22.0	TBD	0	0	TBD
City Emergency Operations Center and Fire Station #3 (UPDATE)	1625 Buena Vista Avenue, Alameda, CA 94501	City of Alameda	Phase Two	AFD Fire Station #3	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	0.29 ac (12,430 sq ft)	0.29	9,198 sq ft	0	0	9,198 sq ft
WETA Facility	670 West Hornet Avenue, Alameda, CA 94501; nearby cross street is Ferry Point	Water Emergency Transportation Authority (WETA)	One Phase	WETA Central Bay Operations and Maintenance Facility and Emergency Operations Center, including fuel storage tank farm	San Francisco Bay	1.69	1.69	0	51,316 (approx)	54,393 (approx)	51,316 (approx)
Eagle Housing	2437 Eagle Ave	Housing Authority of the City of Alameda	One Phase	22 affordable housing units on a redeveloped 0.83 acre site	Alameda-Oakland Tidal Canal of San Francisco Bay, South Bay	0.83	0.83	0	26,119	35,099	26,119

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

Project Name Project No.	Project Location <sup>10</sup> , Street Address	Name of Developer	Project Phase No. <sup>11</sup>	Project Type & Description <sup>12</sup>	Project Watershed <sup>13</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>14</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>15</sup>	Total Pre-Project Impervious Surface Area <sup>16</sup> (ft <sup>2</sup> )	Total Post-Project Impervious Surface Area <sup>17</sup> (ft <sup>2</sup> )
-	-	-	-	-	-	-	-	-	-	-	-

Comments:

The Projects indicated with an "UPDATE" were included in the previous year's annual report and were subject to on-going review/approvals and have updated information presented here. Best efforts have been made to maintain naming-consistency for the various facility/project names and phases through the City's recent annual reports. Regulated Projects are listed in the same order in both Part One and Part Two of this Table and are listed chronologically based on the "Application Deemed Complete Date" data column (or, for Public Projects, the "Approval Date" data column) in Part Two of this Table. The increase in the number of Regulated Projects within the City's jurisdiction, in comparison to the previous several reporting years, exemplifies a recent trend in increased development activity.

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

Project Name Project No.	Application Deemed Complete Date <sup>18</sup>	Application Final Approval Date <sup>19</sup>	Source Control Measures <sup>20</sup>	Site Design Measures <sup>21</sup>	Treatment Systems Approved <sup>22</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>23</sup>	Hydraulic Sizing Criteria <sup>24</sup>	Alternative Compliance Measures <sup>25/26</sup>	Alternative Certification <sup>27</sup>	HM Controls <sup>28/29</sup>
<b>Private Projects</b>										
Marina Cove II	11/26/12 w/ Planning Board (PB) approval of application	7/28/14, PB approval of Design Review	Water-efficient and Bay Friendly Landscaping measures and irrigation design required; storm drain marking required.	Landscape areas, disconnected impervious surface areas including roof leaders draining to treatment planters.	Bioretention areas	O&M Agreement conditioned with developer.	2.c	No, none	Yes, third-party certification.	Not applicable; project in shoreline/ depositional area of County
Del Monte Warehouse (UPDATE)	3/10/14	12/16/14, City Council (CC) approval of Development Agreement and Master Development Plan	Roofed and enclosed area for dumpsters; interior parking lot floor drains plumbed to sanitary sewer; food service facilities to have proper grease trapping, sewer connections and equipment washing designs	Direct roof runoff onto vegetated areas; direct runoff from sidewalks, walkways and/or patios onto vegetated areas; direct runoff from driveways and/or uncovered	Bioretention areas including flow-through planters (proposed).	Maintenance responsibilities to be included within HOA CC&Rs.	2.c	No, none	Yes, third-party certification.	Not applicable; project in shoreline/ depositional area of County

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

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

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

<sup>21</sup>List 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.

<sup>22</sup>List 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.).

<sup>23</sup>List 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.

<sup>24</sup>See 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).

<sup>25</sup>For 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.

<sup>26</sup>For 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.

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

<sup>28</sup>If HM control is not required, state why not.

<sup>29</sup>If 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.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)**

Project Name Project No.	Application Deemed Complete Date <sup>18</sup>	Application Final Approval Date <sup>19</sup>	Source Control Measures <sup>20</sup>	Site Design Measures <sup>21</sup>	Treatment Systems Approved <sup>22</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>23</sup>	Hydraulic Sizing Criteria <sup>24</sup>	Alternative Compliance Measures <sup>25/26</sup>	Alternative Certification <sup>27</sup>	HM Controls <sup>28/29</sup>
				parking lots onto vegetated areas; use of micro-detention features						
Alameda Landing Project: Residential Affordable Housing Site (Stargell Commons)	7/2/2014	7/28/2014: PB approval of Development Plan Revisions for affordable housing complex	Roofed and enclosed refuse area; storm drain inlet markings	Roof, parking, sidewalk and driveway runoff to vegetated areas; clustered parking design	In-ground bioretention planters	Maintenance Agreement conditioned with developer	2.c	No.	Yes, third-party certification.	Not applicable; project in shoreline/ depositional area of County
Home 2 Suites	7/23/14	8/25/14 (PB Dev Plan and Design Review Approval)	Roofed and enclosed trash area; interior pool and restaurant areas with sanitary sewer connections	Disconnected impervious surface areas including roof runoff to vegetated areas, walkway runoff to vegetated and pervious areas	Flow-through planters; self-retaining area	O&M Agreement conditioned with developer.	2.c	No, none	Yes, third-party certification.	Not applicable; project in shoreline/ depositional area of County
VF Outdoors South	10/29/2014	11/24/14 (PB Design Review approval)	Interior floor drains to sanitary; roofed, enclosed, refuse area; loading dock run-on minimized	Roof, sidewalk and driveway runoff to vegetated bioretention areas; self-retaining landscaped area; other self-treating	Bioretention areas receiving parking lot, driveway, loading dock and roof runoff	Maintenance Agreement conditioned with developer	2c	No	Yes, third-party certification.	Not applicable; project in shoreline/ depositional area of County

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)										
Project Name Project No.	Application Deemed Complete Date <sup>18</sup>	Application Final Approval Date <sup>19</sup>	Source Control Measures <sup>20</sup>	Site Design Measures <sup>21</sup>	Treatment Systems Approved <sup>22</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>23</sup>	Hydraulic Sizing Criteria <sup>24</sup>	Alternative Compliance Measures <sup>25/26</sup>	Alternative Certification <sup>27</sup>	HM Controls <sup>28/29</sup>
				landscape areas.						
Alameda II - Hagstrom	11/17/2014	Pending	Storm drain inlet marking	Direct runoff from roofs, sidewalks and driveways to vegetated areas; preservation of mature trees	Bioretention areas (pending)	Incorporation of Maintenance plan/ responsibilities in HOA CC&Rs (probable)	TBD	No, none	TBD	Not applicable; project in shoreline/ depositional area of County
The Marriott Fairfield Inn Alameda	11/24/14	Pending	Roofed and enclosed trash area; interior pool and restaurant areas with sanitary sewer connections	Disconnected impervious surface areas including roof and parking lot runoff to vegetated biotreatment areas, walkway and bikepath runoff to vegetated areas	Bioretention areas (pending)	Maintenance Agreement to be conditioned with developer.	TBD	No, none	TBD	Not applicable; project in shoreline/ depositional area of County
Alameda Point "Site A"	3/17/2015	7/7/2015	TBD: Appropriate trash enclosure designs, commercial/retail sanitary sewer connections, appropriate equipment washing stations methods have all been conditioned as examples of necessary measures.	Disconnected impervious surface areas, reduction in impervious surface area with increased landscaping and open space, tree planting, building clustering. Measures consistent with	Public open space/right-of-way and private lot bioretention areas consistent with the Alameda Point Master Infrastructure Plan and the Alameda Point Town Center	Multiple mechanisms to be established including potential for maintenance agreements and HOA CC&Rs incorporating O&M Plans and responsibilities.	TBD	TBD; not presently anticipated	TBD	Not applicable; project in shoreline/ depositional area of County

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

Project Name Project No.	Application Deemed Complete Date <sup>18</sup>	Application Final Approval Date <sup>19</sup>	Source Control Measures <sup>20</sup>	Site Design Measures <sup>21</sup>	Treatment Systems Approved <sup>22</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>23</sup>	Hydraulic Sizing Criteria <sup>24</sup>	Alternative Compliance Measures <sup>25/26</sup>	Alternative Certification <sup>27</sup>	HM Controls <sup>28/29</sup>
				the Alameda Point Master Infrastructure Plan, the Alameda Point Town Center and Waterfront Precise Plan and the Site A Development Plan, all recognizing and applying Provision C3 principles.	and Waterfront Precise Plan					
Oakland Raiders Training Facility Upgrades	4/9/2015	5/4/2015	Enclosed refuse area; interior sanitary sewer connections; efficient irrigation	Roof runoff to bioretention area; runoff from narrow walkways onto vegetated areas	Landscape-based bioretention area; self-treating turf/landscape area; self-retaining turf area	Maintenance Agreement conditioned with developer	2.c	No	Yes, third-party certification.	Not applicable; project in shoreline/ depositional area of County
McGuire & Hester	4/15/2015	5/26/2015	Roofed trash enclosure	Disconnected impervious surface areas including roof, parking lot and walkway runoff to vegetated bioretention area; landscape areas.	Landscape-based bioretention area	Maintenance Agreement conditioned with developer	2.c	No	Yes, third-party certification.	Not applicable; project in shoreline/ depositional area of County
-	-	-	-	-	-	-	-	-	-	-

Permittee Name: City of Alameda

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

Project Name Project No.	Application Deemed Complete Date <sup>18</sup>	Application Final Approval Date <sup>19</sup>	Source Control Measures <sup>20</sup>	Site Design Measures <sup>21</sup>	Treatment Systems Approved <sup>22</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>23</sup>	Hydraulic Sizing Criteria <sup>24</sup>	Alternative Compliance Measures <sup>25/26</sup>	Alternative Certification <sup>27</sup>	HM Controls <sup>28/29</sup>
<p>Comments: The Projects indicated with an "UPDATE" were included in the previous year's annual report and were subject to on-going review/approvals and have updated information presented here. Best efforts have been made to maintain naming-consistency for the various facility/project names and phases through the City's recent annual reports. Regulated Projects are listed in the same order in both Part One and Part Two of this Table and are listed chronologically based on the "Application Deemed Complete Date" data column (or, for Public Projects, the "Approval Date" data column) in Part Two of this Table.</p>										

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)										
Project Name Project No.	Approval Date <sup>30</sup>	Date Construction Scheduled to Begin	Source Control Measures <sup>31</sup>	Site Design Measures <sup>32</sup>	Treatment Systems Approved <sup>33</sup>	Operation & Maintenance Responsibility Mechanism <sup>34</sup>	Hydraulic Sizing Criteria <sup>35</sup>	Alternative Compliance Measures <sup>36/37</sup>	Alternative Certification <sup>38</sup>	HM Controls <sup>39/40</sup>
<b>Public Projects</b>										
Jean Sweeney Open Space Preserve	City Council approves Master Plan on 7/15/14	Contract for design awarded on 4/21/15; design contract to terminate 4/30/17	TBD	TBD	TBD	TBD	TBD	TBD	TBD	Not applicable; project in shoreline/ depositional area of County
City Emergency Operations Center and Fire Station #3 (UPDATE)	10/27/2014 (PB Design Review approval, Phase Two)	June 2015 (Phases One and Two)	Interior sanitary sewer drains, enclosed waste storage	Roof leaders, driveways and walkways discharge to landscaped areas. Disconnected impervious surface areas.	Landscape- based flow- through planters and in-ground bioretention area	Public project infrastructure to be maintained by City contractor.	2.c	No, none	No.	Not applicable; project in shoreline/ depositional area of County
WETA Facility	3/23/2015	Autumn 2015	Roofed trash enclosure, interior sanitary sewer connections, oil/water sand separator, secondary containment	Disconnected impervious surface areas, including roof leaders discharge to bioretention planters, Bay Trail and public access improvements. Plans to be reviewed for consistency with	Bioretention planters, self- treating Bay Trail access areas	Maintenance Agreement conditioned with developer	2.c	No	Yes, third-party certification.	Not applicable; project in shoreline/ depositional area of County

<sup>30</sup>For public projects, enter the plans and specifications approval date.

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

<sup>32</sup>List 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.

<sup>33</sup>List 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.).

<sup>34</sup>List 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.

<sup>35</sup>See 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).

<sup>36</sup>For 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.

<sup>37</sup>For 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.

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

<sup>39</sup>If HM control is not required, state why not.

<sup>40</sup>If 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.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)**

Project Name Project No.	Approval Date <sup>30</sup>	Date Construction Scheduled to Begin	Source Control Measures <sup>31</sup>	Site Design Measures <sup>32</sup>	Treatment Systems Approved <sup>33</sup>	Operation & Maintenance Responsibility Mechanism <sup>34</sup>	Hydraulic Sizing Criteria <sup>35</sup>	Alternative Compliance Measures <sup>36/37</sup>	Alternative Certification <sup>38</sup>	HM Controls <sup>39/40</sup>
			and sump for fuel storage area.	Alameda Point Master Infrastructure Plan.						
Eagle Housing	4/20/15	12/31/2016	Roofed trash enclosure	Disconnected impervious surface areas via runoff from roofs, driveway, parking area and walkways flows to landscape areas; permeable paver areas	Landscape-based bioretention planters	Conditioned developer to provide City with signed statement indicating that Housing Authority will accept full responsibility for O&M, self-reporting	2.c	No	Yes, third-party certification.	Not applicable; project in shoreline/depositional area of County

Comments:

The Projects indicated with an "UPDATE" were included in the previous year's annual report and were subject to on-going review/approvals and have updated information presented here. Best efforts have been made to maintain naming-consistency for the various facility/project names and phases through the City's recent annual reports. Regulated Public Projects are listed chronologically based on "Approval Date" data column in Part Two of this Table.

**C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) <sup>41</sup>	Party Responsible <sup>42</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>43</sup>	Type of Treatment/HM Control(s) Inspected <sup>44</sup>	Inspection Findings or Results <sup>45</sup>	Enforcement Action Taken <sup>46</sup>	Comments/Follow-up
Webster-Stargell Intersection	Neptune Park @ Willie Stargell Avenue, Alameda, CA 94501	NO	City of Alameda Public Works Department	7/29/14	Routine	Two (2) vegetated swales.	Swales both overgrown with weeds; curb cuts filled in with accumulated sediments, vegetation.	Written request to Maintenance supervisor to have contractor complete routine work.	Follow up site reconnaissance on 9/16/15 indicates that pre-rainy season maintenance work has not been completed. Request field meeting with contractor. See 9/17/14 inspection line item for further detail.
Alameda Station	1600 – 1648 Park Street, Alameda, CA 94501, @ Tilden Way	YES	Foley Street Investments LLC	8/6/14	45-Day	Eight (8) Bioretention treatment planter areas.	All bioretention units are in place and complete; in conformance with approved plans and specifications	None. In compliance.	Site operator is aware of and has copy of approved O&M Plan.
Bayport Stormwater Pond	Mitchell Avenue @ Fifth Street, Alameda, CA 94501	NO	Bayport Municipal Services District	8/14/14	Routine, in response to Water Board staff query	Stormwater Detention Basin	Many of the plants in original planting plans have been subject to extensive goose herbivory and depletion. Pond full and over-topping lower weir/discharge point. Extensive goose excrement accumulations on maintenance roads, berms. Several unsecured breaches in perimeter security fence/gate. Aerator system never brought on-line and non-functional.	Verbal discussions with municipal services district administrator, maintenance contractor, PW maintenance supervisor.	This inspection date was also referenced in the City's FY 2013-14 Annual Report. Follow-up site reconnaissance on 8/21/14 confirms that corrections have been made to return pond to normal, dry-season operating level. Second follow up site reconnaissance on 9/9/14 confirms that corrections

<sup>41</sup>Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

<sup>42</sup>State the responsible operator for installed stormwater treatment systems and HM controls.

<sup>43</sup>State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

<sup>44</sup>State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

<sup>45</sup>State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

<sup>46</sup>State the enforcement action(s) taken, if any.

**C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) <sup>41</sup>	Party Responsible <sup>42</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>43</sup>	Type of Treatment/HM Control(s) Inspected <sup>44</sup>	Inspection Findings or Results <sup>45</sup>	Enforcement Action Taken <sup>46</sup>	Comments/Follow-up
							Procedures for annual sediment accumulation and water quality monitoring/management to be determined.		completed for site security and landscaping maintenance issues. Additional email and verbal communications with district administrator and maintenance contractor in early September (2014) confirms that arrangements for additional corrections and improvements to operational procedures, nutrient-input controls and maintenance routines being determined and pending. See also 1/26/15.
Webster-Stargell Intersection	Neptune Park @ Willie Stargell Avenue, Alameda, CA 94501	NO	City of Alameda Public Works Department	9/17/14	Follow-up	Two (2) vegetated swales.	Both swales continue to be overgrown with weeds; curb cuts filled in with accumulated sediments, vegetation.	Verbal discussion with contractor representative in field. Reiterate written request to Maintenance supervisor to have contractor complete routine work.	Landscape maintenance contractor mobilizes crew promptly for needed maintenance work in these swales. Crews working in late September. Site visit on 10/1/14 confirms all work completed; swales in good condition.
Zephyr	2275 Harbor Bay Parkway, Alameda, CA 94502, near North Loop Road	NO	Zephyr	12/1/14	Routine	Six (6) vegetated swales, one bioretention area,	All stormwater treatment units are in good condition and subject to routine inspection and maintenance.	None. In compliance.	Confirmed facility rep is aware of and continues to implement O&M Plan and good routine housekeeping practices.

**C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) <sup>41</sup>	Party Responsible <sup>42</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>43</sup>	Type of Treatment/HM Control(s) Inspected <sup>44</sup>	Inspection Findings or Results <sup>45</sup>	Enforcement Action Taken <sup>46</sup>	Comments/Follow-up
						one vortex separator and one media filter.			
Venture Commerce Center (VCC) - II	2201-2263 Harbor Bay Parkway, Alameda, 94502	NO	VCC – II Association	12/1/14	Routine	Five (5) vegetated swales; six (6) drain inserts.	All stormwater treatment units are in good condition and subject to routine inspection and maintenance. Property management actively overseeing swale maintenance.	None. In compliance.	Confirmed property management rep is aware of and implementing O&M Plan and good routine housekeeping practices.
World's Best Cheeses (was Cheeseworks)	2200 North Loop Road	NO	World's Best Cheeses	12/17/14	Routine	Three (3) vegetated swales; five drain inserts.	All stormwater treatment units are in good condition and subject to routine inspection and maintenance.	None. In compliance.	Confirmed facility rep is aware of and continues to implement O&M Plan and good routine housekeeping practices.
Allergy Research Group	2300 North Loop Road	NO	Allergy Research Group	12/17/14	Routine	Five (5) vegetated swales and one drain insert.	All stormwater treatment units are in good condition and subject to routine inspection and maintenance.	None. In compliance.	Confirmed facility rep is aware of and implementing O&M Plan and good routine housekeeping practices.
Bayport Stormwater Pond	Mitchell Avenue @ Fifth Street, Alameda, CA 94501	NO	Bayport Municipal Services District (MSD)	1/26/15	Routine	Stormwater Detention Basin	Pond continues to operate at design elevation. Landscape maintenance, bird guano and security conditions remain good. Significant goose herbivory pressures remain. Bayport MSD continues to review, implement and apply improvements to operational procedures and maintenance plan.	None. In compliance.	Bayport MSD continues active management of pond. Engineering consultant being hired as third-party reviewer of operational procedures, nutrient-input controls and maintenance routines to serve water quality protection goals.
North Loop Center	1900-2080 North Loop Rd, Alameda, CA 94502	NO	GS Management for the NLCA	1/29/15	Routine	Twenty-one (21) vegetated swales, one vortex separator,	All stormwater treatment units are in good condition and subject to routine inspection	None. In compliance.	Confirmed facility rep is aware of and implementing O&M Plan.

**C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) <sup>41</sup>	Party Responsible <sup>42</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>43</sup>	Type of Treatment/HM Control(s) Inspected <sup>44</sup>	Inspection Findings or Results <sup>45</sup>	Enforcement Action Taken <sup>46</sup>	Comments/Follow-up
Association (NLCA)			property owners association			and 18 storm drain inserts.	and maintenance. Spot site trash pickup needs noted.		Site cleanup efforts confirmed during follow up C4 inspections.
Jack Capon Villa	2216 Lincoln Avenue, Alameda, CA 94501, near Walnut Street	NO	Satellite Housing, Berkeley, CA	2/5/15	Routine, initial post-construction inspection	Nine (9) bioretention areas.	All bioretention units in good condition and subject to routine inspection and maintenance.	None. In compliance.	Confirmed facility rep is aware of and implementing O&M Plan. Facility litter control is managed on a near-daily basis.
Alameda Landing Project: Alameda Gateway	501-555 Willie Stargell Avenue, Alameda, CA 94501, @ Mariner Square Loop Road	YES	Catellus Development Corporation	4/14/15	45-Day	Eight (8) bioretention areas and three (3) self-treating landscape areas.	All bioretention units are in-place, complete, in good condition and in conformance with approved plans and specifications. Measures subject to routine inspection and maintenance.	None. In compliance.	Confirmed facility rep is aware of and implementing O&M Plan. Routine facility housekeeping oversight is being implemented.
Alameda Landing Project, Phase One: Fifth Street and Mitchell Avenue Extensions	Fifth Street @ Mitchell Avenue, Alameda, CA 94501	NO	Alameda Landing Municipal Services District (MSD)	4/15/15	Routine, initial post construction inspection	Thirty-eight streetside bioretention planter areas.	Treatment areas generally in good condition though subject to some weedy overgrowth and spot impacts to mulch layer due to sediment and/or trash accumulation	Verbal discussions with municipal services district administrator, maintenance contractor, PW maintenance supervisor.	MSD manager and Maintenance Supervisor mobilize new landscape contractor to complete spot corrections. Weeding and mulch improvement actions fully completed by new landscape maintenance contractor by 6/5/15.
Alameda Landing Project: Retail Center – Phase Two	Stargell Avenue @ 5 <sup>th</sup> Street	YES	Catellus Development Corporation	4/15/15	45-Day	Thirty-nine (39) bioretention areas and two (2) self-retaining areas.	Bioretention and self-retaining areas are in-place, complete, in good condition and in conformance with approved plans and specifications. Measures subject to routine inspection and maintenance.	None. In compliance.	Confirmed facility rep is aware of and implementing O&M Plan. Facility litter control is managed on a near-daily basis.

**C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) <sup>41</sup>	Party Responsible <sup>42</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>43</sup>	Type of Treatment/HM Control(s) Inspected <sup>44</sup>	Inspection Findings or Results <sup>45</sup>	Enforcement Action Taken <sup>46</sup>	Comments/Follow-up
Oakmont/Cardinal Point II Senior Living Center	2400 Mariner Square Drive, Alameda, CA 94501, north of intersection with Marina Village Parkway	YES	Oakmont Senior Living LLC	4/23/15	45-Day	Four (4) bioretention planters, twelve (12) self-retaining areas and three (3) self-treating landscape areas	All stormwater treatment units are in place and complete; in conformance with approved plans and specifications	None. In compliance.	Site operator is aware of and has copy of approved O&M Plan.
Alameda Landing Project: Residential	2701 Fifth Street, Alameda, CA 94501, @ Mitchell Avenue	YES	TriPointe Homes	6/29/15	45-Day	Eleven (11) bioretention areas combined on private lots and public use right-of-way areas.	All bioretention areas in initial parcel area subject to completion-inspection are in-place and complete; in conformance with approved plans and specifications.	None. In compliance.	Confirmed facility rep is aware of and implementing O&M Plan.
-	-	-	-	-	-	-	-	-	-

C.3.e.vi.Special Projects Reporting Table												
Reporting Period –January1 – June 30, 2015												
Project Name & No.	Permittee	Address	Application Submittal Date <sup>47</sup>	Status <sup>48</sup>	Description <sup>49</sup>	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category <sup>50</sup>	LID Treatment Reduction Credit Available <sup>51</sup>	List of LID Stormwater Treatment Systems <sup>52</sup>	List of Non-LID Stormwater Treatment Systems <sup>53</sup>
No Special Projects were identified in the City of Alameda this reporting period.	City of Alameda did not identify any Special Projects this reporting period.	Not applicable.	None	Not applicable	None	Not applicable.	Not applicable.	Not applicable.	Category A: n/a Category B: n/a Category C: n/a Location: n/a Density: n/a Parking: n/a	Category A: n/a Category B: n/a Category C: n/a Location: n/a Density: n/a Parking: n/a	None. Not applicable.	None. Not applicable.

<sup>47</sup>Date that a planning application for the Special Project was submitted.

<sup>48</sup> 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.

<sup>49</sup>Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

<sup>50</sup> For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

<sup>51</sup>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.

<sup>52</sup>: 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.

<sup>53</sup>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.

**Section 4 – Provision C.4 Industrial and Commercial Site Controls**

<b>Program Highlights</b>
Provide background information, highlights, trends, etc.
The City of Alameda actively implemented its Provision C4 program this reporting year. City staff performed all of the business facility inspections included in the City’s FY 2014-15 Business Inspection List submitted to the Water Board in September 2014, with the exception of those facilities that were subsequently determined to have closed. The City has updated its business inspection plan, including the business lists and the business inspection frequencies and priorities, based on the results of the inspection work completed this reporting period. City staff contributed to and was active in the Alameda Countywide Clean Water Program’s Industrial and Illicit Discharge Control subcommittee. One of the two business inspectors attended the county wide program’s business inspector training conducted on June 3, 2015. Also, please refer to the C.4. Industrial and Commercial Site Controls section of the Alameda Countywide Clean Water Program FY14-15 Annual Report for a summary of Program-level activities.

<b>C.4.b.i. ► Business Inspection Plan</b>
Do you have a Business Inspection Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If No, explain: The City of Alameda has maintained and updated a Provision C.4.b. Business Inspection Plan (Plan) since this requirement was first effective in FY 09-10. Water Board Staff requested and received a copy of this Plan from City CWP staff on 7/20/15 in response to a separate, complaint-response research matter that they were performing.

<b>C.4.b.iii.(1) ► Potential Facilities List</b>
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 the City of Alameda’s current Business Inspection Plan attached sequentially at the end of this Annual Report.

<b>C.4.b.iii.(2) ► Facilities Scheduled for Inspection</b>
List below or attach your list of facilities scheduled for inspection during the current fiscal year.
See the City of Alameda’s FY 15/16 Business Inspection List attached sequentially at the end of this Annual Report.

**C.4.c.iii.(1) ► 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	124	
Total number of inspections conducted	144	
Number of violations (excluding verbal warnings)	25	
Sites inspected in violation	22	18 %
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	23	92 %

Comments:  
 Of the 118 business facilities indicated on the City's FY 2014-15 Business Inspection list submitted to the Water Board in September 2014, 111 were inspected, 7 were determined during the course of our inspection work, to have closed. An additional 14 facility inspections occurred at 13 additional business facilities\* this reporting period due to staff responses to illicit discharge incidents/complaints, impromptu inspections at new facilities, or as part of the Green Business Inspection Program. In addition to these 125 initial facility inspections at 124 business facilities, 19 follow-up inspections were also conducted.

\* One facility (the City Corporation Yard) was inspected twice – once as part of the regular inspection program, with the second inspection being a part of the Green Business Inspection Program conducted later in the reporting year. Thus, there are 2 separate “initial or routine” inspections at this same facility this reporting period.

And as explained further below, there were three facility sites that each had two violations noted; hence the 22 sites with the 25 violations.

This paragraph discusses the two violations that staff views were not corrected in a timely manner due to lack of appropriate, prompt facility attention to the matter and intervening rain. A single facility (a small, burger grill “restaurant”) responsible for two separate non-stormwater discharges, discussed further below, was the location that was responsible for the two separate violations that were not responded to in a timely manner. The incident chronology is as follows: (a) 3/19/15 initial inspection, observation of poor practices resulting in grease waste and trash residues to sidewalk, curb and gutter, resulting in immediate written warning issued to on-site facility representative; (b) formal Citation issued to corporate office on 3/23/15; (c) re-inspection on 3/30/15 indicates lack of corrections and on-going grease and trash residues to sidewalk, curb and gutter line; (d) Fine Invoice of \$750.00 issued on 3/31/15; e) Site re-inspection on 4/21/15 confirms that all cleanup, corrections and BMP improvements completed.

**C.4.c.iii.(2) ► 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)	6
Potential discharge and other	19
<p>Comments:</p> <p><u>Number of Actual Discharge Violations</u></p> <p>Actual discharge violations would be counted as one discharge per storm drain inlet/waterbody per inspection per site. City inspection personnel did not encounter the scenario of two, separate, actual discharges occurring at the same facility on the same day. Out of the 22 facilities in violation, five (5) facilities each had one actual non-stormwater discharge violation noted during the inspections. One (1) facility had one additional non-stormwater discharge violation noted during the follow-up inspection. Out of the five (5) facilities with the non-stormwater discharge violations, two (2) also had a potential discharge violation noted during the documented inspection. For any given inspection date, a facility found in violation would receive only one enforcement action, regardless of whether they had just an actual discharge violation or an actual discharge violation and a potential discharge violation, or just a potential discharge violation.</p> <p>Potential discharges are counted as <b>one potential discharge, per inspection, per facility</b>. A violation of BMP implementation standards that did not result in an actual discharge but that warranted enforcement action other than a verbal warning is considered a potential discharge violation. Multiple BMP issues at the same facility on the same day would result in only one enforcement action and thus just one potential discharge violation. A total of nineteen (19) facilities that were found to be in violation had potential discharge violations.</p>	

**C.4.c.iii.(2) ► Frequency and Type of Enforcement Conducted**

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

	<b>Enforcement Action</b> (as listed in ERP) <sup>48</sup>	<b>Number of Enforcement Actions Taken</b>	<b>% of Enforcement Actions Taken<sup>49</sup></b>
Level 1	<b>Warnings:</b> Includes verbal notice to the facility owner/operator or responsible party that is documented on the inspection form. Detailed corrective actions/deadlines required and stated on the inspection form and provided to the facility representative are considered written enforcement warnings. A written warning could also include a written informational letter to the facility owner/operator to perform improvements based on the inspection findings or to emphasize the implementation of appropriate best management practices.	81	92 %
Level 2	<b>Administrative Actions</b>	5	6 %
Level 3	<b>Administrative Actions with Fine and/or Cost Recovery</b>	2	2 %
Level 4	<b>Legal Actions</b>	0	0
<b>Total</b>		<b>88</b>	<b>100 %</b>

**C.4.c.iii.(3) ► Types of Violations Noted by Business Category**

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

<b>Business Category<sup>50</sup></b>	<b>Number of Actual Discharge Violations</b>	<b>Number of Potential/Other Discharge Violations</b>
Construction/Contractor		1
Food/Coffee		1
Food – Institutional	1	
Grocer		1
Manufacturing		1
Miscellaneous		2
Municipal – Utility	1	
Shopping Center Property Management		2

<sup>48</sup>Agencies to list specific enforcement actions as defined in their ERPs.

<sup>49</sup>Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<sup>50</sup>List your Program's standard business categories.

Restaurants	4	11
<b>Totals</b>	<b>6</b>	<b>19</b>

**C.4.c.iii.(4) ▶ Non-Filers**

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

The City of Alameda did not identify any industrial non-filers during scheduled inspections, routine business outreach or C4 oversight activities this reporting period. No industrial non-filers were identified during any other type of municipal clean water program activity this reporting period either.

**C.4.d.iii ▶ Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Stormwater Business Inspectors Workshop - Honing Your Inspection Skills	6/3/15	C.4 Overview; IGP Update; Facility Sources of BMPs; Using and understanding CASQA BMP Handbook for businesses; Mock inspections Urban runoff pollution prevention Inspection procedures BMPs at Industrial and Commercial Facilities PCBs or PCB-containing equipment.	1	50%

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

<b>Program Highlights</b>
Provide background information, highlights, trends, etc.
<p>This reporting year the City of Alameda: (1) implemented its annual collection system screening program efforts; (2) performed priority, upgradient-area illicit discharge surveys to complement the collection system screening program efforts; (3) implemented responses to complaints consistent with Provision C.5 and the City’s Enforcement Response Plan (ERP); (4) continued to use the electronic spreadsheet generated at the countywide level for tracking spills/dumping incidents/complaints; and, (5) was an active participant in the Alameda Countywide Clean Water Program’s Industrial and Illicit Discharge Control subcommittee.</p> <p>All the information on the Contact List, below is current and has remained the same from the previous reporting year. Water Board Staff inquired to City staff and received clarification concerning this Contact List information during July 2015 in response to a separate, complaint-response research matter that they were performing; City staff confirmed at that time that this information remains current. The City’s 24-hour dispatch line should be considered the central contact point.</p> <p>Please also see Section C.5 – Illicit Discharge Detection and Elimination – of the ACCWP FY 14-15 Annual Report for a summary of Program activities conducted at the countywide level.</p>

<b>C.5.c.iii ► Complaint and Spill Response Phone Number and Spill Contact List</b>		
List below or attach your complaint and spill response phone number and spill contact list.		
<b>Contact</b>	<b>Description</b>	<b>Phone Number</b>
Emergency Services	On-going emergency incident, discharge of hazardous or unknown material, or discharge to a water body.	9-1-1
Public Works Maintenance Service Center	Sewer overflow emergencies	510-747-7900
City’s 24-hour dispatch line	Sewer overflow emergencies (after hours and weekends)	510-337-8340
Alameda Fire Prevention Bureau	Report of active illegal dumping to public right-of-way (other than an emergency described above)	510-337-2120
City’s 24-hour dispatch line	Report of illegal dumping to public right-of-way (after hours and weekends)	510-337-8340
Public Works Maintenance Service Center	Report of abandoned waste within the public right-of-way	510-747-7900
Clean Water Program staff	Reports about a non-immediate incident	510-747-7930

**C.5.d.iii ► Evaluation of Mobile Business Program**

Describe implementation of minimum standards and BMPs for mobile businesses and your enforcement strategy. This may include participation in the BASMAA Mobile Surface Cleaners regional program or local activities.

Description:

City personnel respond to all complaints/observations of illicit discharges including those from mobile businesses in a manner consistent with Provision C5 and the City’s Enforcement Response Plan. City CWP staff refer private facility operators to the BASMAA Mobile Surface Cleaners regional program for both outreach purposes and during enforcement actions to seek proper abatement actions. City staff also distributes model surface-cleaner contract specification language regarding the BASMAA Mobile Surface Cleaner Program and the BMPs to City department personnel for contract implementation.

Also, please see Section C.5 – Illicit Discharge Detection and Elimination – of the ACCWP FY 14-15 Annual Report for a summary of related Program and BASMAA activities conducted at the countywide and/or regional levels.

**C.5.e.iii ► Evaluation of Collection System Screening Program**

Provide a summary or attach a summary of your collection screening program, a summary of problems found during collection system screening and any changes to the screening program this FY.

Description:

During the current reporting period, the City of Alameda continued to complete the following components of the City’s Collection System Screening Program in compliance with the Provision C5 requirements: (a) the routine stormwater pump station inspection and maintenance program; (b) the dry weather strategic collection system check points screening; (c) the annual stormwater outfall inspection program; (d) the annual, routine lagoon maintenance program; and, (e) the on-going, routine storm drain inlet inspection and cleaning program. City CWP staff continues to use collection system screening program forms and procedures described and adapted from both the Center for Watershed Protection’s Illicit Discharge and Detection Elimination Manual (2004) and the BASMAA template Screening Program forms. City Maintenance personnel are vigilant for evidence of potential spill events and illicit discharge incidents to the municipal storm sewer system during the course of routine work duties.

**C.5.f.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.f.iii.(1))	50	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	10	20%
Discharges resolved in a timely manner (C.5.f.iii.(3))	49	98%

Comments:

Of the ten discharge events that are indicated to have reached a storm drain and/or receiving waters, nine of these incidents were ceased, cleaned up and/or mitigated by City maintenance response teams and/or enforcement action. These discharge and mitigation events are summarized as follows:

- Two irrigation water discharges were ceased after outreach/enforcement actions
- A restaurant waste/equipment washwater discharge event residues were cleaned up by PW Maintenance upon discovery with subsequent private property cleanup by restaurant owner under enforcement action.
- Actions contributing to a restaurant equipment washwater discharge were ceased after municipal outreach/enforcement action.
- A commercial operation's food waste and litter discharge was cleaned up by the business operator under enforcement action.
- A commercial operation's trash and litter debris was cleaned up under enforcement action (as further accounted directly below.)
- Residential contractor's actions discharging sediment-laden water were ceased and cleaned up by the contractor under enforcement action.
- A residential contractor's plaster/sheetrock tool washout discharge was ceased and cleaned up by a PW Maintenance response team.
- A resident's discharge of landscaping plant debris to the lagoon system was cleaned up by the resident under enforcement action.
- A complaint regarding a contractor's paint/tool washout event was received after the discharge event. The responsible party was the recipient of municipal outreach/enforcement action to correct for future, proper BMP implementation.

The other discharge/complaint incidents with pollutants found were corrected under municipal response, mitigation, cleanup and/or enforcement prior to the discharge of the materials to the storm drain system or receiving waters.

There is one Complaint/Incident log discharge event that is indicted above as not having been resolved in a timely manner. That event unfolded as follows: A Notice letter from a CWP-staff generated observation/"complaint" is sent to the manager of an office supply store dated 2/24/15 indicating the need to improve housekeeping practices in the store's rear dumpster area to prevent trash and litter accumulation or dispersal. A site reinspection on 3/17/15 indicates that the conditions have not been fully corrected, resulting in the issuance of a Second Notice and Administrative Citation, dated 3/18/15. A follow-up site meeting scheduled with the store manager on 4/1/15 confirms that the cleanup is complete and that the store is implementing an improved routine of housekeeping practices. There was a total of 0.16" of rain during the correction period.

**C.5.f.iii.(4) ► Summary of major types of discharges and complaints**

Provide a narrative or attach a table and/or graph.

Sources of Complaints and Pollutant Discharge Types	FY 2014-15 Totals
Total number of complaints/discharges reported	50
No Pollutants Found/Nothing to Abate	6
Number of incidents/complaints with two pollutants identified	1
Total number of pollutants identified	45
Report/call of incident/complaint from Public	29
Report/call of incident/complaint from City staff	19
Report/call of incident/complaint from other agency	2
Automotive/Vehicle Fluids	10
Washwater	9
Litter/Trash/Debris	5
Food Wastes	4
Construction Materials/Wastes	4
Landscaping Wastes	3
Irrigation Overspray	3
Sediment/silt	2
Paint	1
Muriatic acid (residential use)	1
Dumpster leachate	1
Abandoned wastes	1
Unknown (liquid in gutter)	1

Section 6 – Provision C.6 Construction Site Controls

<b>C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals</b>		
<b>Number of High Priority Sites (sites disturbing &lt; 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)</b>	<b>Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)</b>	<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)</b>
9	8	84
<p>Comments:</p> <p>Inspections were performed, at a minimum, at all of the sites indicated above on an at-least monthly basis during the months that the site was active during the period October through April. For all eight of the sites that disturbed an acre or more of soil, the City required and received verification of coverage under the State’s Construction General Stormwater NPDES Permit (No. CAS000002), or CGP. Six of these sites were active throughout the entire rainy season and received, at least, one monthly inspection during the period of October 2014 through May 2015. The other two CGP sites initiated grading activities in May 2015 and each received at least one site inspection this reporting period.</p> <p>Some sites warranted additional inspections due to enforcement followup, staff field observations and/or staff oversight initiative.</p>		

<b>C.6.e.iii.1.d ► Construction Activities Storm Water Violations</b>		
<b>The City's violations/findings summary is as follows:</b>		
<b>BMP Category</b>	<b>Number of Violations<sup>51</sup> excluding Verbal Warnings</b>	<b>% of Total Violations<sup>52</sup></b>
Erosion Control	4	7%
Run-on and Run-off Control	0	0%
Sediment Control	32	59%
Active Treatment Systems	0	0%
Good Site Management	17	31%
Non Stormwater Management	1	2%
<b>Total<sup>53</sup></b>	<b>54</b>	<b>100%</b>

<sup>51</sup>Count 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.

<sup>52</sup>Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

<sup>53</sup>The 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.1.e ► Construction Related Storm Water Enforcement Actions**

*Do not leave any cells blank.*

	<b>Enforcement Action</b> (as listed in ERP) <sup>54</sup>	<b>Number Enforcement Actions Issued</b>	<b>% Enforcement Actions Issued<sup>55</sup></b>
Level 1 <sup>56</sup>	Verbal Warnings, Written Warnings	22	59%
Level 2	Written Notifications, Administrative Actions	12	32%
Level 3	Administrative Actions with Fine/Penalty, Cost Recovery	3	8%
Level 4	Legal Action	0	0%
<b>Total</b>	-	<b>37</b>	<b>100%</b>

**C.6.e.iii.1.f, g ► Illicit Discharges**

*Do not leave any cells blank.*

<b>Category</b>	<b>Number</b>
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

<sup>54</sup>Agencies should list the specific enforcement actions as defined in their ERPs.

<sup>55</sup>Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<sup>56</sup>For example, Enforcement Level 1 may be Verbal Warning.

**C.6.e.iii.1.h, i ► Violation Correction Times**

Category	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)	37	69% <sup>57</sup>
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	8	15% <sup>58</sup>
<b>Total number of violations (excluding verbal warnings) for the reporting year<sup>59</sup></b>	54	100%

**Comments:**

A summary and discussion of the Violations Correction Times is as follows:

- (1) Six (of nine) of the active high priority sites subject to C6 inspections this reporting period corrected all violations in a timely manner with only Level 1 enforcement action.
- (2) The seventh (of nine) sites corrected 11 of 12 cited violations in a timely manner and 12 of the 12 violations within 30 days, responding to escalating enforcement action to Level II to correct the one outstanding violation early in the rainy season period. After that initial enforcement escalation, all further violation corrections were completed in a timely manner.
- (3) The eighth and ninth sites, operated by the same developer, were the source of 16 of the 17 violations not corrected in a timely manner and all eight of the violations not corrected within 30 days. This developer was subject to escalating enforcement action by the City in efforts to resolve all these outstanding violations, culminating in three separate issuances of \$1000 fines. These escalating enforcement actions for uncorrected or relapsing violations all occurred in the autumn months and did result in full corrections by late November and early December respectively. Thereafter, all violation corrections were completed in a timely manner.

The City engaged in the active implementation of site inspections and escalating enforcement action to compel the corrections to a long list of sediment control violations by this single developer prior to the significant and heavy rains of early December 2014. And, subsequent to those efforts, all violations by this, and all other developers, were corrected in a timely manner through the remainder of the rainy season period.

**C.6.e.iii.(2) ► 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:

This reporting period, and consistent with previous years, the City continued to use the electronic spreadsheet developed jointly by the permittees participating in the Alameda Countywide Clean Water Program for construction site inspection data tracking and tabulation,

<sup>57</sup>Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

<sup>58</sup>Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

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

consistent with the Provision C.6.e requirements of the MRP. The summary data presented above matches the data in our electronic tracking spreadsheet. In comparison to the previous reporting year, there were two additional site (nine sites compared to seven in FY 2013-14) subject to the C6 inspection program. As also indicated above, this increase and total number of eight active CGP sites within our municipal jurisdiction this reporting period is a local indication of continuing increased development activity. There was a significant increase in the total number of inspections from the previous reporting period (84 this reporting period in comparison to 44 in FY 2013-14). The average number of inspections per site for sites active throughout the entire rainy season (at least October-April) was 11(+) inspections this reporting period, up from nine last year.

The total number of violations (54) observed this reporting period is a sharp increase from a total of 13 violations observed in the FY 2013-14 reporting period. Six of the nine sites had a cumulative total of 11 violations throughout the entire rainy season, all of which were corrected in a timely manner (and also within the 30-day timeframe). As noted above the preponderance of the violations observed, enforced upon and reported this year were from a single developer managing the largest and most complicated site in town. This was the same developer noted as contributing to the same pattern in last year's annual report. And, consistent with previous years' observations, sediment control and site management violations continued to be the most prevalent types of site problems encountered and requiring corrective action/enforcement. There were no documented illicit discharge incidents from any of the inspected construction sites this reporting period. Construction sites with superintendents aware of and dedicated to BMP implementation and/or who maintained the presence of a qualified, Qualified SWPPP Practitioner (QSP) on site had fewer violations and demonstrated more effective and timely corrections to the violations/issues that developed. City staff continued to log/summarize all follow-up inspections/results in order to document follow-up activities and BMP issues/violations resolution.

**C.6.e.iii.(2) ► 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:

City staff implemented at-least-monthly stormwater inspections at all of the active construction sites subject to the Provision C6 requirements throughout the rainy season this reporting period. As noted above, the City continued to use the electronic spreadsheet and corresponding inspection form developed by the Alameda County Clean Water Program permittees for construction site inspection data tracking and tabulation, consistent with the Provision C.6.e requirements of the MRP. Staff's familiarity with these tools aided the thoroughness of the inspection program documentation efforts. City staff remained actively involved in the Alameda County Clean Program's New Development Subcommittee.

Program Strengths: (1) Continuing, on-going implementation of the City's project/permit conditions of approval process also reported on in previous reporting periods to more succinctly state municipal (grading) permit issuance expectations for developer compliance with the State's Construction General Stormwater NPDES Permit (CGP). Staff revised written permit conditions to assist steering applicants in the right direction for self-study concerning the State's current CGP and the detailed Permit Registration Document (PRD) requirements.

(2) Pre-rainy season communications with developers, construction site superintendents and relevant municipal project managers and supervisors clarifying/emphasizing City expectations for BMP implementation. This is done in compliance with Provision C.6.e.ii. and includes verbal and written reminders and the sharing of both the City's construction activity BMP standards and the link to the CGP's webpage.

(3) Implementation of routine, regular inspections and the escalation of enforcement action efforts at private development project sites.

Also, please refer to the C.6 Construction Site Control section of the Alameda countywide Clean Water Program’s FY 14-15 Annual Report provides a description of activities at the countywide or regional level.

**C.6.f ▶ Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Inspecting C.6 BMPs & Installation Demonstration	3/5/15	Correct uses of specific BMPs Proper installation and maintenance of BMPs Permit requirements Copper Architectural BMPs.	1	50%

Section 7 – Provision C.7. Public Information and Outreach

**C.7.b.ii.1 ► Advertising Campaign**

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

Summary:

The City of Alameda participates in the BASMAA Regional Youth Litter Outreach Campaign through the Alameda County Clean Water Program. Please refer to Section C.7 – Public Information and Outreach – of the ACCWP FY 2014-15 Annual Report. For a summary of activities of the Regional Youth Litter Campaign please refer to BASMAA's FY 2014-15 Be The Street Campaign Report.

City of Alameda local advertising efforts

- To promote the Coastal Cleanup event and encourage volunteer participation, the Public Works Department placed advertisements in local newspapers. The advertisements were published in the Alameda Sun on September 18, 2014 and in the Alameda Journal on September 19, 2014. A copy of the advertisement is sequentially attached at the end of this annual report. Please refer to section C.7.e of this annual report for a more detailed event description.
- To promote the City's Earth Day Festival, the City placed an 8-page pull-out ad in the Alameda Sun that was published on April 25, 2015. One page of the pull-out ad was dedicated to publicize the Public Works Department's Earth Day activities. A copy of the one-page ad is sequentially attached at the end of this annual report. Please refer to section C.7.e of this annual report for a more detailed event description.

**C.7.b.iii.1 ► Pre-Campaign Survey**

*(For the Annual Report following the pre-campaign survey)* Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information:

**Information on the pre-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the FY 11-12 Annual Report.**

Place an **X** in the appropriate box below:

<input type="checkbox"/>	Survey report attached
<input checked="" type="checkbox"/>	Reference to regional submittal:

**C.7.b.iii.2 ► Post-Campaign Survey**

(For the Annual Report following the post-campaign survey) Discuss the campaigns and the measureable changes in awareness and behavior achieved. Provide an update of outreach strategies based on the survey results. If survey was done regionally, refer to a regional submittal that contains the following information:

**Information on the post-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the BASMAA FY 13-14 Annual Report.**

Place an **X** in the appropriate box below:

	Survey report attached
<b>X</b>	Reference to regional submittal:

**C.7.c ► Media Relations**

Summarize the media relations effort. Include the following details for each media pitch in the space below, AND/OR refer to a regional report that includes these details:

- Topic and content of pitch
- Medium (TV, radio, print, online)
- Date of publication/broadcast

Summary:

Through its support and involvement with the Alameda County Clean Water Program, the City participates in countywide and regional media relations campaigns. The BASMAA Media Relations Final Report FY 14-15 summarizes media relations efforts conducted during FY 14-15. This report and any other media relations efforts conducted countywide is included within the C.7 Public Information and Outreach section of the Countywide Program's FY 14-15 Annual Report.

City of Alameda local media relations efforts

- You Can Minimize Water Pollution
  - Content: Created awareness that rain washes built-up pollutants off streets and other paved surfaces into storm drains which flow untreated into the Bay, and promoted simple BMPs that residents can do to prevent stormwater pollution.
  - Newsletter: The article was featured in the residential newsletter published by Alameda County Industries (City of Alameda franchised waste hauler) in January 2015. An electronic copy of the newsletter can be viewed at <http://www.alamedacountyindustries.com/alameda/newsletters/1410078-ACI-DM-Vol13-No1-8.5x11-v5.pdf>
  
- Litter Cleanup Event on Alameda Point
  - Content: The City issued a press release promoting the first volunteer litter cleanup on Alameda Point scheduled for July 19, 2014 from 8:30 to noon. The press release also created awareness of the adverse effects that litter has on the Bay and wildlife. A

copy of the press release is sequentially attached at the end of this report. Please refer to section C.7.g for a more detailed description of the cleanup event.

- o Print: The press release was picked up and published by the following Newspapers:
  - Alameda Journal, July 11, 2014
  - Alameda Sun, July 17, 2014
  - Alameda Journal, July 18, 2015
- o On-line: The press release was also posted on the City's website under the "News & Press" section.

#### C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 14-15:

No changes to the Clean Water Program website were made this reporting period. The City continues to maintain and publicize the following Clean Water Program information on its website at <http://alamedaca.gov/go-green/green-water>:

- A brief description of the Clean Water Program and contact information
- Contact/phone information to report a spill or an illegal dumping incident
- Contact information for viewing of the City's storm drain system maps
- Stormwater pollution prevention tips for Alameda residents and businesses
- A brief description of the City's Storm Drain Steward Program including contact information

Please refer to Section C.7d of the Alameda Countywide Clean Water Program's FY 2014-15 Annual Report for a description of efforts implemented at the countywide and regional levels to publicize stormwater points of contacts.

**C.7.e ► Public Outreach Events**

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.  
 Use the following table for reporting and evaluating public outreach events

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> <li>• Estimated overall attendance at the event.</li> <li>• Number of people that visited the booth, comparison with previous years</li> <li>• Number of brochures and giveaways distributed</li> <li>• Results of any spot surveys conducted</li> </ul>
<b>FARMERS MARKET OUTREACH</b> <b>Dates:</b> July 15, 2014 (9 am to 1 pm) August 26, 2014 (9 am to 1 pm) <b>Location:</b> Haight & Webster	<b>Audience:</b> Market attendees and vendors <b>Objectives:</b> Purpose of outreach was to create awareness about stormwater pollution and to encourage anti-litter behavior <b>July Outreach Description:</b> Staff promoted the use of reusable bags by creating public awareness on environmental impacts of plastic bags and other land-generated litter that end up in our waterways. Staff also promoted the participation in a community litter clean up scheduled for July 19th on Alameda Point. Additionally, staff provided CWP re-usable bags and asked visitors to sign a pledge promising to use the bag they received. Or, participants could take the pledge a step further, by promising to make "reusable items" as part of their daily routines.	<b>July Outreach Results:</b> The Farmers Market was well attended and staff was very busy through the entire period interacting with market goers. Staff encouraged people receiving re-usable bags to sign pledges: <ul style="list-style-type: none"> <li>• 83 people signed the pledge to use the reusable bag.</li> <li>• 23 people signed pledges to make reusable items a part of daily routine.</li> </ul> Copies of the signed pledges are sequentially attached at the end of this annual report. <b>August Outreach Results:</b> A total of 47 market goers participated in the Clean Water Program survey. The following are a few highlights of the survey results: <ul style="list-style-type: none"> <li>• 11 out of the 47 people surveyed (23 %) are not aware that throwing banana peels, apple cores or a leftover sandwich from the</li> </ul>

	<p><b>August Outreach Description:</b>          The outreach focused on conducting a survey in exchange for a free re-usable bag. The survey created awareness that storm drains flow untreated to the Bay and that rain water washes off pesticides, oil, cigarette butts, and other land-generated litter/plastics on streets into storm drains. Ultimately, these pollutants end up in the Bay and/or ocean.</p>	<p>car is considered "littering" because these items are bio-degradable.</p> <ul style="list-style-type: none"> <li>• 46 out of the 47 people surveyed (98 %) agreed that litter on our streets has a negative impact on the Bay.</li> <li>• 38 out of 47 the people surveyed (81 %) are aware that rain carries cigarette butts on our streets into storm drains, which flow directly to the Bay without treatment.</li> <li>• 39 out of 47 people surveyed (83 %) are aware that land-generated wastes that end up in our waterways is what contributes most to the Pacific Garbage Patch.</li> </ul> <p>A copy of the survey results is sequentially attached at the end of this report.</p> <p><b>Outreach Materials:</b>          Staff made the following outreach materials available to market goers:</p> <ul style="list-style-type: none"> <li>• Clean Water Program activity books (grades K-3 and grades 4-6)</li> <li>• Clean Water Program stormwater awareness brochure (accordion style)</li> <li>• No Dumping Drains to Bay brochure</li> <li>• Native wildflower seed mix packets</li> <li>• Pencils promoting the Clean Water Program</li> <li>• Detain the Rain brochure</li> <li>• OWOW pocket guides</li> <li>• Clean Water Program re-usable bags</li> </ul>
<p><b>STARLIGHT MOVIES AT THE PARK</b>  <b>Date:</b> September 12, 2014 (5pm to 8 pm)  <b>Location:</b> Leydecker Park (Bayfarm)</p>	<p><b>Audience:</b> City of Alameda Community (youth, teens, residents of all ages)  <b>Objective:</b>          Encourage anti-litter behavior by creating public awareness on how land-generated litter can end up as marine debris.  <b>Outreach Description:</b></p>	<p><b>Outreach Results:</b>          Approximately 500 people attended the event and total of 53 movie-goers participated in the survey. The following are a few highlights of the survey results:</p> <ul style="list-style-type: none"> <li>• 7 out of the 53 people surveyed (13 %) are not aware that throwing banana peels, apple cores or a leftover</li> </ul>

	<p>This was a new venue. The intent was to reach a different crowd and promote anti-litter behavior. Clean Water Program staff conducted outreach to movie goers having a picnic prior to the showing of the featured movie. CWP staff was busy from 6:30 pm to 8 pm encouraging movie goers to fill out a short survey in exchange for a free re-usable bag. Adults worked with their children to complete the survey. Clean Water Program staff went over survey questions with each participant reiterating that litter on the street contributes to the pacific garbage patch and stressing that using re-usable items is one way of reducing litter.</p>	<p>sandwich from the car is considered "littering" because these items are bio-degradable.</p> <ul style="list-style-type: none"> <li>• 50 out of 53 the people surveyed (94 %) are aware that rain carries cigarette butts on our streets into storm drains, which flow directly to the Bay without treatment.</li> <li>• 44 out of 53 people surveyed (83 %) are aware that land-generated wastes that end up in our waterways is what contributes most to the Pacific Garbage Patch.</li> <li>• 47 out of the 53 people surveyed (89 %) are aware that stormwater pollution is water runoff from rain and irrigation that becomes polluted as it runs over land before entering a storm drain.</li> </ul> <p>A copy of the survey results is sequentially attached at the end of this report.</p> <p><b>Outreach Materials:</b>        The following outreach materials were distributed during the event:</p> <ul style="list-style-type: none"> <li>• Clean Water Program activity books (grades K-3 and grades 4-6)</li> <li>• Clean Water Program stormwater awareness brochure (accordion style)</li> <li>• No Dumping Drains to Bay brochure</li> <li>• Pencils promoting the Clean Water Program</li> <li>• Clean Water Program re-usable bags</li> </ul>
<p><b>COASTAL CLEANUP OUTREACH</b>  <b>Date:</b> September 20, 2014 (8:30 to noon)  <b>Location:</b> Alameda Crown Beach</p>	<p><b>Audience:</b> City of Alameda Community (youth, teens, residents of all ages)  <b>Objectives:</b></p> <ol style="list-style-type: none"> <li>1. Clean up trash from Alameda shorelines.</li> </ol>	<p><b>Activity Results:</b> Registration records indicate that over 570 people participated in the beach cleanup. Participants removed approximately over 7,000 lbs. of debris from the beach (including the marinas).</p>

	<p>2. Encourage anti-litter behavior by creating public awareness on how land-generated litter can end up as marine debris.</p> <p><b>Description:</b> The Public Works Department collaborated with the Recreation and Parks Department (ARPD), the East Bay Regional Parks District (EBRPD), Crown Beach personnel, Alameda County Industries (ACI), and several Alameda Yacht Clubs to sponsor a beach clean-up event, in conjunction with the statewide California Coastal Clean-Up day.</p> <p>Clean Water Program booth was located at the event's main hub on Shoreline Drive and Park Street. Staff encouraged volunteers to fill out a short survey in exchange for a free re-usable bag. The purpose of the survey was to create awareness on how land-generated litter contributes to local water pollution and can end up as marine debris.</p>	<p><b>Survey Results:</b> A total of 66 people participated in the survey. The following are a few highlights of the survey results:</p> <ul style="list-style-type: none"> <li>• The three dominant types of trash found on the beach are:       <ul style="list-style-type: none"> <li>○ Cigarette butts/filters (49 responses)</li> <li>○ Bottle caps/lids (37 responses)</li> <li>○ Plastic food wrappers (23 responses)</li> </ul> </li> <li>• 24 out of the 66 people surveyed (36 %) are not aware that throwing banana peels, apple cores or a leftover sandwich from the car is considered "littering" because these items are bio-degradable.</li> <li>• 55 out of 66 people surveyed (83 %) are aware that land-generated wastes that end up in our waterways is what contributes most to the Pacific Garbage Patch.</li> </ul> <p>A copy of the survey results is sequentially attached at the end of this report.</p> <p><b>Outreach materials:</b></p> <p>The following outreach materials were distributed during the event:</p> <ul style="list-style-type: none"> <li>• Clean Water Program activity books (grades K-3 and grades 4-6)</li> <li>• Clean Water Program stormwater awareness brochure (accordion style)</li> <li>• Pencils promoting the Clean Water Program</li> <li>• Clean Water Program re-usable bags</li> </ul>
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<p><b>EVERYTHING ALAMEDA</b>  <b>Date:</b> September 12, 2015 (10:30 am to 3:30 pm)  <b>Location:</b> Lower Washington Park</p>	<p><b>Audience:</b> Alameda Residents of all ages.  <b>Objective:</b>          Encourage anti-litter behavior by creating public awareness on how land-generated litter can end up as marine debris.  <b>Outreach Description:</b>          Everything Alameda was organized by the Alameda Recreation &amp; Parks Department for the purpose of celebrating "Our Island City". Everything Alameda activities included local food vendors, jumpers and games for kids, live music from local bands and youth groups, local art and craft vendors, and a beer and wine garden including a homebrew contest.</p>	<p><b>Outreach Results:</b>          A total of 69 booth visitors completed the survey. The following are a few highlights of the survey results:</p> <ul style="list-style-type: none"> <li>• 13 out of the 69 people surveyed (19 %) are not aware that throwing banana peels, apple cores or a leftover sandwich from the car is considered "littering" because these items are bio-degradable.</li> <li>• 66 out of the 69 people surveyed (96 %) agreed that litter on our streets has a negative impact on the Bay.</li> </ul>
	<p>At the Clean Water Program booth, staff encouraged visitors to either take a photo for our Instagram or complete a short survey to get a free reusable bag. The survey questions focused on educating the public about storm drains, litter, and the Pacific Garbage Patch. Photos of the event are sequentially attached at the end of this report.</p>	<ul style="list-style-type: none"> <li>• 62 out of 69 the people surveyed (90 %) are aware that rain carries cigarette butts on our streets into storm drains, which flow directly to the Bay without treatment.</li> <li>• 52 out of 66 people surveyed (79 %) are aware that land-generated wastes that end up in our waterways is what contributes most to the Pacific Garbage Patch.</li> </ul> <p>A copy of the survey results is sequentially attached at the end of this report.</p> <p><b>Outreach Materials:</b>          The following outreach materials were distributed during the event:</p> <ul style="list-style-type: none"> <li>• Clean Water Program activity books (grades K-3 and grades 4-6)</li> <li>• Clean Water Program stormwater awareness brochure (accordion style)</li> <li>• No Dumping Drains to Bay brochure</li> <li>• ReThink Disposable brochure</li> <li>• Pencils promoting the Clean Water Program</li> <li>• Clean Water Program re-usable bags</li> </ul>

<p><b>EARTH DAY FESTIVAL</b>  <b>Date:</b> April 25, 2015 (10:00 am to 3:00 pm)  <b>Location:</b> Washington Park</p>	<p><b>Audience:</b> Alameda Residents of all ages.  <b>Objectives:</b></p> <ol style="list-style-type: none"> <li>1. Create awareness that daily activities can have an adverse impact on the Bay and encourage behavior that prevents storm water pollution.</li> <li>2. Create awareness about the problem of litter and encourage people to participate in an anti-litter campaign.</li> </ol> <p><b>Event Description:</b> As past years, the Public Works Department partnered with the Alameda Recreation and Parks Department, Alameda Municipal Power, East Bay Regional Park District, Alameda County Industries, and Bike Alameda to coordinate the Earth Day event. The City-sponsored Earth Day event featured over 30 local groups/organizations with environmentally themed displays and interactive opportunities for people of all ages.</p> <p>The Clean Water Program had 2 booths featuring different activities as described below:</p> <p><b>Booth Activity 1:</b>  A storm drain model was used as a display to attract people to the booth and to engage booth visitors to play a pollution prevention match game. People had to match the right tool to clean up a dirty drive way, leaves on storm drain grate, a dirty car, and litter on street. Whenever someone wanted to use the "hose" as clean up tool, staff explained that hosing down anything was bad for the Bay because the polluted runoff enters storm drains, which</p>	<p><b>Outreach Results:</b>  The event was very successful. Two Clean Water Program staff, two staff from the Alameda Park &amp; Recreation Department, and County Program Consultant Stefanie Pruegel (IGigantic Idea Studio) were all busy engaging with booth visitors for the entire time of the event.</p> <p><b>Activity 1:</b>  Staff had 2 pollution prevention match games at the booth and were very busy throughout the event engaging people with the game. Anybody participating in the game had a choice of the following prizes:</p> <ul style="list-style-type: none"> <li>• Native wildflower seed mix packets</li> <li>• Pencils promoting the Clean Water Program</li> <li>• Clean Water Program re-usable bag</li> <li>• Clean Water Program activity books (grades K-3 and grades 4-6)</li> </ul> <p><b>Observation:</b> It was interesting to observe that most people did not make the connection between the cleanup activity and stormwater pollution despite their awareness that storm drains flow untreated to the Bay.</p> <p><b>Activity 2:</b>  Staff took photos of about 50-75 people and uploaded it onto the mosaic the day of the event.</p> <p><b>Other Outreach Materials:</b>  In addition to the materials mentioned above, staff also distributed the following information:</p> <ul style="list-style-type: none"> <li>• Clean Water Program stormwater awareness brochure (accordion style)</li> <li>• No Dumping Drains to Bay brochure</li> <li>• LuvTheBay postcards</li> </ul>
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	<p>flow untreated to the Bay. Anybody participating in the game received a price.</p> <p><b>Booth Activity 2:</b></p> <p>The second activity promoted the LuvTheBay anti-litter campaign. Staff informed booth visitors how rain and wind carry litter into storm drains which flow directly to the Bay. Once we created the litter problem awareness, we encouraged booth visitors to participate in a fun anti-litter campaign in which their photo can be part of a large mosaic on-line art project. If booth visitors agreed to it, staff took their photo holding a "no litter pledge sign" and uploaded the photo to the LuvTheBay.org mosaic. Photos of the event are sequentially attached at the end of this report.</p>	
<p><b>HOUSEHOLD HAZARDOUS WASTE COLLECTION EVNT</b>  <b>Date:</b> May 31, 2015  <b>Location:</b> Parking Lot at 51 West Trident, Alameda</p>	<p><b>Audience:</b>                  Alameda residents and businesses</p> <p><b>Objectives:</b></p> <ol style="list-style-type: none"> <li>1. Divert hazardous waste, electronic waste and universal wastes from landfill.</li> <li>2. Avoid illegal dumping of hazardous wastes, electronic wastes and universal wastes by encouraging the proper disposal of these items through this collection event.</li> </ol> <p><b>Event Description:</b>                  The Public Works Department's Integrated Solid Waste staff collaborated with Alameda County Environmental Health Department to implement a household hazardous waste collection event on Alameda Point.</p>	<p><b>Results:</b></p> <p>The household hazardous waste collection event was successful and well attended. A total of 553 people took advantage of the collection event and dropped off a total of 49,260 pounds of wastes as further detailed below:</p> <ul style="list-style-type: none"> <li>• E-Waste collected: 13,052 lbs</li> <li>• Architectural Paint collected: 17,647 lbs</li> <li>• Hazardous Waste collected: 18,561 lbs</li> </ul> <p>Note: No outreach materials were distributed at this event.</p>

**C.7.f. ► Watershed Stewardship Collaborative Efforts**

Summarize watershed stewardship collaborative efforts and/or refer to a regional report that provides details. Describe the level of effort and support given (e.g., funding only, active participation etc.). State efforts undertaken and the results of these efforts. If this activity is done regionally refer to a regional report.

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

Please refer to section C.7 (Public Outreach and Involvement) of the ACCWP FY 14/15 Annual Report for a summary of the *Bringing Back the Natives Garden Tours* that is sponsored by the Program.

**C.7.g. ► Citizen Involvement Events**

List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.

Event Details	Description	Evaluation of effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> <li>• Number of participants. Any change in participation from previous years.</li> <li>• Distance of creek or water body cleaned</li> <li>• Quantity of trash/recyclables collected (weight or volume).</li> <li>• Number of inlets marked.</li> <li>• Data trends</li> </ul>
Community Stewardship Grants Program	The Countywide Program sponsors the Community Stewardship Grants (CSG) Program. The CSG Program provides approximately \$25,000 annually in \$1,000 to \$5,000 increments to individuals and community groups to support stormwater	See Section C.7 of the ACCWP FY14/15 Annual Report for a summary.

	improvement/outreach projects throughout the County.	
<p><b>ALAMEDA POINT CLEANUP</b>  <b>Date:</b> July 19, 2014 (8:30 am to noon)  <b>Locations:</b> TMA 1 – Main Street Shoreline Parking Lot/Overlook &amp; Ferry Terminal Overflow Parking</p>	<p><b>Activity:</b> On-land and shoreline clean-up.</p> <p><b>Description:</b>          City of Alameda Clean Water Program staff worked with volunteers to remove trash/litter on-land and along the shoreline including the rip-rap area. Additionally, volunteers were asked to fill out a survey describing the dominant types of trash collected. Photos of the clean-up are sequentially attached at the end of this report.</p>	<p><b>Results:</b>          31 people participated in the clean-up event removing a total of 3.5 cubic yards of debris, which was broken down by weights by the waste hauler (ACI) as follows:</p> <ul style="list-style-type: none"> <li>• 122.5 lbs of trash</li> <li>• 117.3 lbs of recyclables</li> <li>• 19.8 lbs of green/organic waste</li> </ul> <p>Total debris collected 259.6 lbs.</p> <p>The survey results indicate that the following dominant types of trash were collected:</p> <ul style="list-style-type: none"> <li>• Beverage cups</li> <li>• Bottle caps/lids</li> <li>• Cigar tips &amp; cigarette filters</li> <li>• Pieces of hard plastic</li> <li>• Plastic wrappers</li> <li>• Straws/stirrers</li> <li>• Styrofoam</li> </ul>
<p><b>BAYVIEW DRIVE CLEANUP</b>  <b>Date:</b> September 20, 2014  <b>Location:</b> TMA 12 - Bayview Drive</p>	<p><b>Activity:</b> On-land and shoreline clean-up.</p> <p><b>Description:</b>          City of Alameda Clean Water Program staff worked with members of the Bayview Estates Home Owners Association to clean-up litter/trash along Bayview Drive, the coast line and public access trail behind Bayview Drive. Additionally, volunteers were asked to fill out a survey describing the dominant types of trash collected. Photos of the clean-up are sequentially attached at the end of this report.</p>	<p><b>Results:</b>          32 people participated in the clean-up event removing a total of 423.6 lbs of debris which was broken down by the waste hauler (ACI) as follows:</p> <ul style="list-style-type: none"> <li>• 205 lbs of trash</li> <li>• 120 lbs of recyclables</li> <li>• 98.6 lbs of organic waste</li> </ul> <p>The survey results indicate that the following dominant types of trash were collected:</p> <ul style="list-style-type: none"> <li>• Bottle caps/lids</li> <li>• Cigarette filters</li> <li>• Pieces of hard plastic</li> <li>• Plastic wrappers</li> <li>• Straws/stirrers</li> </ul>

		<ul style="list-style-type: none"> <li>• Styrofoam</li> </ul>
<p><b>BEACH CLEANUP</b>  <b>Date:</b> September 20, 2014 (8:30 to noon)  <b>Location:</b> Alameda Crown Beach</p>	<p><b>Activity:</b> Beach clean-up</p> <p><b>Description:</b>          As described under Section C.7.e of this annual report, the Public Works Department collaborated with the Recreation and Parks Department (ARPD), the East Bay Regional Parks District (EBRPD), Crown Beach personnel, Alameda County Industries (ACI), and several Alameda Yacht Clubs to sponsor a beach clean-up event, in conjunction with the statewide California Coastal Clean-Up day. The Clean Water Program booth was located at the event's main hub on Shoreline Drive and Park Street. Staff encouraged volunteers to fill out a short survey in exchange for a free re-usable bag.</p>	<p><b>Results:</b>          Registration records indicate that over 570 people participated in the beach cleanup. Participants removed approximately over 7,000 lbs. of debris from the beach (including the marinas).          As indicated under Section C.7.e, survey results indicate the three dominant types of trash collected on the beach are as follows:</p> <ul style="list-style-type: none"> <li>• Cigarette butts/filters</li> <li>• Bottle caps/lids</li> <li>• Plastic food wrappers</li> </ul>
<p><b>ALAMEDA POINT CLEANUP</b>  <b>Date:</b> January 17, 2015 (9:00 am to noon)  <b>Locations:</b> TMA 1 – Main Street Shoreline Parking Lot/Overlook &amp; Ferry Terminal Overflow Parking</p>	<p><b>Activity:</b> On-land and shoreline clean-up.</p> <p><b>Description:</b>          City of Alameda Clean Water Program staff worked with volunteers to remove trash/litter on-land and along the shoreline including the rip-rap area. Additionally, volunteers were asked to fill out a survey describing the dominant types of trash collected.</p>	<p><b>Results:</b>          24 people participated in the clean-up event removing approximately 3 cubic yards of debris or 1220 lbs. The weights of the debris collected was provided by the waste hauler (ACI).          The survey results indicate that the following dominant types of trash were collected:</p> <ul style="list-style-type: none"> <li>• Bottle caps/lids</li> <li>• Cigar tips &amp; cigarette filters</li> <li>• Pieces of hard plastic</li> <li>• Plastic bottles</li> <li>• Plastic wrappers</li> <li>• Styrofoam</li> </ul>
<p><b>BAYVIEW DRIVE CLEANUP</b>  <b>Date:</b> September 20, 2014  <b>Location:</b> TMA 12 - Bayview Drive</p>	<p><b>Activity:</b> On-land and shoreline clean-up.</p> <p><b>Description:</b></p>	<p><b>Results:</b>          23 people participated in the clean-up event removing approximately 4 cubic yards of debris. The weights of debris collected was</p>

	<p>City of Alameda Clean Water Program staff worked with members of the Bayview Estates Home Owners Association to clean-up litter/trash along Bayview Drive, the coast line and public access trail behind Bayview Drive. In addition to the litter/trash clean-up, volunteers also removed invasive weeds.</p>	<p>broken down by the garbage hauler (ACI) as follows:</p> <ul style="list-style-type: none"> <li>• 23 lbs of recyclables</li> <li>• 14 lbs of organics</li> <li>• 18 lbs of trash</li> </ul> <p>The following dominant types of trash were collected during the clean-up:</p> <ul style="list-style-type: none"> <li>• Bottle caps/lids</li> <li>• Cigarette filters</li> <li>• Pieces of hard plastic</li> <li>• Plastic wrappers</li> <li>• Straws/stirrers</li> <li>• Styrofoam</li> <li>• Cardboard</li> <li>• 5 syringes</li> </ul>
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**C.7.h. ► School-Age Children Outreach**

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment. Use the following table for reporting school-age children outreach efforts.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
See the Section C.7 of the ACCWP FY 14/15 Annual Report for a summary of the Program's School-Age Outreach Program	See the Section C.7 of the ACCWP FY 14/15 Annual Report for a summary of the Program's School-Age Outreach Program	See the Section C.7 of the ACCWP FY 14/15 Annual Report for a summary of the Program's School-Age Outreach Program	See the Section C.7 of the ACCWP FY 14/15 Annual Report for a summary of the Program's School-Age Outreach Program

**The City of Alameda School Outreach Efforts are listed below:**

<p><b>Program Name:</b>          Watershed Rangers Program (grades K-6)</p> <p>The Public Works Department has contracted with the Kids for the Bay to implement the Watershed Ranger Program among K-6 students in Alameda schools.</p>	<p>The Watershed Ranger Program is a hands-on school outreach program that promotes anti-litter behavior through watershed awareness and through the use of re-usable items as well as proper disposal/recycling of wastes. It is a 3-step program that entails:</p> <ol style="list-style-type: none"> <li>1. A hands-on classroom workshop (3-4 hours) including a school neighborhood litter pickup.</li> <li>2. A take-home family interview, which includes making environmental pledges with family members.</li> <li>3. An action project designed and implemented by the school students.</li> </ol> <p>In the class-room students learn how litter on streets gets into San Francisco Bay through storm drains and ends up as marine debris in the Pacific Ocean. Then, students will go on a walk around their school neighborhood and pick up litter; thus, preventing it from getting into the storm drains and the Bay.</p> <p>Back in the classroom, students will examine their packed lunches and discuss the best choices for packaging lunch items that will reduce packaging wastes ending up in landfills as well as prevent these wastes from entering storm drains and the Bay.</p>	<p>This reporting period, the Watershed Rangers Program was delivered to 11 classes reaching 313 students and 11 teachers.</p>	<p><b>Program Results:</b></p> <ul style="list-style-type: none"> <li>• The program was delivered to eleven classes, reaching 313 students and 11 teachers.</li> <li>• A total of 10,558 pieces of litter were collected during the school neighborhood litter pickups.</li> <li>• As a result of the action project implemented by the students, Henry Haight Elementary School started a new tradition: An annual school-wide litter cleanup on Earth Day. An example of the letter to the school principle requesting an annual school-wide cleanup is sequentially attached at the end of this report.</li> </ul> <p>Below is a summary of action projects implemented by the 11 classes:</p> <ul style="list-style-type: none"> <li>• 2 classes at Henry Haight Elementary Schools decided to combine persuasive letter-writing with a cleanup as their action project. Letters were sent to the school principal requesting an annual school-wide cleanup. Their request was granted.</li> <li>• 3 classes at Paden Elementary School conducted additional litter cleanups as part of their action project.</li> <li>• 2 classes at Wood Middle School created a mural as part of their action project to teach the entire school community about the harmful effects of marine debris on wildlife.</li> <li>• 2 classes at Ruby Bridges Elementary School created information posters to post around the school and teach their</li> </ul>
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	<p>Additionally, Kids for the Bay will work with each class of students and their teachers to implement an Action Project.</p>		<p>peers about the harmful impacts of littering.</p> <ul style="list-style-type: none"> <li>• 2 classes at Bayfarm Elementary Schools prepared skits to educate their peers about stormwater pollution prevention, marine debris and waste reduction.</li> </ul>
<p><b>Program Name: Eco-Friendly Carwash Fundraiser</b></p>	<p>Clean Water Program staff helped several student fundraising groups partner with Follow Charlie's Car Wash as a way to protect the Bay from pollution and conserve water. To promote the "eco-friendly" carwash fundraisers, staff provided information about the adverse water quality impacts of car wash fundraisers that are held at the curb – making the connection that storm drains flow untreated to the Bay.</p> <p>Additionally, Clean Water Program staff in partnership with the Alameda Green Schools Challenge recruited 2 local, commercial carwash facilities that are willing to allow student groups to use their facility for eco-friendly carwash fundraisers. Furthermore, Clean Water Program staff also created a flyer that promotes the eco-friendly carwash fundraiser options among schools. The flyer was distributed by the schools. A copy of the school flyer is sequentially attached at the end of this report.</p>	<p>The number of students and/or teachers reached cannot be determined. Staff worked with school contacts that independently distributed the flyer promoting the eco-friendly carwash fundraiser through the following channels:</p> <ul style="list-style-type: none"> <li>• Weekly electronic newsletter to all administrators at AUSD schools.</li> <li>• Alameda Green Schools Challenge steering committee mailed flyer each school principal</li> <li>• Faculty go green coordinators at all schools were asked to share flyer with student leaders and school club sponsors.</li> <li>• Flyer was posted at "School News bulletin" boards</li> <li>• Flyer was also shared at Twitter feed @AUSDgreenschool.</li> </ul>	<p><b>Results:</b></p> <p>The following student groups held eco-friendly carwash fundraisers:</p> <ul style="list-style-type: none"> <li>• <b>Date: August 2, 2014</b> - Alameda Sophomore Students</li> <li>• <b>Date: September 6, 2014</b> – Alameda High School Link Crew</li> <li>• <b>September 20, 2014</b> – Alameda High School Link Crew</li> <li>• <b>October 25, 2014</b> – Alameda High School Senior Crew</li> </ul> <p><b>Two student groups held eco-friendly car wash fund raiser at Follow Charlie's Car Wash as follows:</b></p> <ol style="list-style-type: none"> <li>1. <b>Alameda Pirates Football &amp; Cheers: May 17, 2014</b></li> <li>2. <b>Alameda High Senior Class: May 31, 2014</b></li> </ol> <p><b>Photos of the eco-friendly carwash fundraisers are attached sequentially at the end of the report.</b></p>

**Section 8 - Provision C.8 Water Quality Monitoring**

**C.8 ► Water Quality Monitoring**

State below if information is reported in a separate regional report. Municipalities can also describe below any Water Quality Monitoring activities in which they participate directly, e.g. participation in RMP workgroups, fieldwork within their jurisdictions, etc.

Summary

During FY 14-15, the City of Alameda contributed through the countywide Program to the BASMAA Regional Monitoring Coalition (RMC). In addition, the City contributed financially, also through the countywide Program to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. Monitoring efforts and results are documented in a separate report submitted March 15 of each year, as required in Provision C.8. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 14-15 Annual Report and the Integrated Monitoring Report.

**Section 9 – Provision C.9 Pesticides Toxicity Controls**

<b>C.9.b ► Implement IPM Policy or Ordinance</b>						
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.						
<b>Trends in Quantities and Types of Pesticides Used<sup>60</sup></b>						
<b>Pesticide Category and Specific Pesticide Used</b>	<b>Amount<sup>61</sup></b>					
	<b>FY 09-10</b>	<b>FY 10-11</b>	<b>FY 11-12</b>	<b>FY 12-13</b>	<b>FY 13-14</b>	<b>FY 14-15</b>
<b>Organophosphates</b>	None	None	None	None	None	None
<b>Pyrethroids</b>	-	-	-	-	-	-
<b>Bifenthrin</b>	56 oz.	42 oz.	24 oz.	24 oz.	10 oz.	6 oz.
<b>Deltamethrin</b>	31.5 oz.	1.25 oz.	8 oz.	None	None	None
<b>Carbaryl</b>	None	None	None	None	None	None
<b>Fipronil</b>	None	None	None	None	None	None

Comment: On-going oversight and coordination with a City contractor resulted in a further decrease in the use of bifenthrin this reporting period, as indicated above.

<b>C.9.c ► Train Municipal Employees</b>	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	3
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	3
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100 %

<sup>60</sup>Includes all municipal structural and landscape pesticide usage by employees and contractors.

<sup>61</sup>Weight or volume of the product or preferably its active ingredient, using same units for the product each year. 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: allethrin, bifenthrin, beta-cyfluthrin, bioallethrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, fenpropathrin, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (d-phenothrin), tau-fluvalinate, tefluthrin, tetramethrin, tralomethrin, cis-permethrin, and zeta-cypermethrin.

**C.9.d ▶ Require Contractors to Implement IPM**

Did your municipality contract with any pesticide service provider in the reporting year?  Yes  No

If yes, attach one of the following:

- Contract specifications that require adherence to your IPM policy and standard operating procedures, OR
- Copy(ies) of the contractors' IPM certification(s) or equivalent, OR
- Equivalent documentation.

A copy of the City's contract specifications for the implementation of the City's IPM Policy and contractors' IPM certifications are attached sequentially at the end of this report. City Clean Water Program staff continued to actively oversee the requirement for contractors to annually provide to their respective City project manager a summary report on the pesticides that threaten water quality that were used in support of City operations and on City properties. As applicable, this annual contractor summary reporting to the City also requires an explanation for any increases of pesticide usage.

If **Not attached**, explain: Not applicable

**C.9.e ▶ Track and Participate in Relevant Regulatory Processes**

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

Summary:  
 During FY 14-15, the City of Alameda participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

**C.9.f ▶ Interface with County Agricultural Commissioners**

Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?  Yes  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.

No, nothing to summarize this reporting period.

**C.9.h.ii ► 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 Program's FY 14-15 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

**C.9.h.vi ► 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); **OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:

See the C.9 Pesticides Toxicity Control section of the Program's FY 14-15 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.

Section 10 - Provision C.10 Trash Load Reduction

**C.10.a.iii ► Minimum Full Trash Capture**

Provide the following:

- 1) Total number and types of full capture devices (publicly and privately-owned) installed to-date;
- 2) Total land area (acres) and land areas within each trash generation category (i.e., very high, high, moderate and low) treated by full capture devices (or other types of devices for non-population based Permittees); and, compare with the total required in the permit.
- 3) A narrative summary of maintenance activities implemented for each device, group of devices, or device type, including descriptions of typical maintenance frequencies and issues associated with maintaining these devices. Describe, in particular, any devices that have trash or debris overflowed, bypassed or are not functioning properly in any other manner. Describe corrective actions.

Type of Device	# of Devices	Acres Treated in FY 14-15 by Trash Generation Category				
		Low (acres)	Moderate (acres)	High (acres)	Very High (acres)	Total (acres)
Publicly-Owned: StormTek-ST3G (Connector Pipe Screen)	4	5.6	23.58	27.3	0	56.48
Publicly-Owned: Wavy Grate Trash Catcher (Connector Pipe Screen)	32	66.61	18.99	88.86	0	174.46
Publicly-Owned: Triton Bioflex Drop Inlet Trash Guards	20	3.49	3.66	8.86	2.23	18.24
Privately-Owned: CDS Units	3	0	0.29	5.87	0	6.16
<b>Total for all Types</b>	<b>59</b>	<b>75.7</b>	<b>46.52</b>	<b>130.89</b>	<b>2.23</b>	<b>255.34</b>
<b>Required by Permit</b>						<b>121</b>

**Installation Summary:**

Currently, the City of Alameda has **56 publicly-owned Full Trash Capture Devices** installed. Below is the summary of the type of publicly-owned devices installed to date including installation date:

- 4 StormTek-ST3G devices were installed in 2011
- 12 Wavy Grate Trash Catchers were installed in July 2013
- 20 additional Wavy Grate Trash Catchers were installed at the end of January 2015
- 20 Triton Bioflex Drop Inlet Trash Guards were installed at the end of March 2015

In addition, a total of **three privately-owned Full Trash Capture Devices** installed at two separate private shopping centers have been characterized and are also summarized above. These devices were not accounted for in our Annual Reports prior to this year since we had not had the opportunity

prior to this reporting year to quantify the acreages being treated by these devices. The three privately-owned devices are also privately maintained and are not further discussed in the maintenance section below.

**Maintenance Summary** (Describe, in particular, any devices that have trash or debris overflowed, bypassed or are not functioning properly in any other manner. Describe corrective actions).

**Descriptions of Maintenance Activities:**

According to the inspection and maintenance procedures of the City’s Full Trash Capture Device program, the catch basins retrofitted with full trash capture devices are inspected and cleaned as needed 4 times a year as described below:

- Prior to the rainy season (prior to October 1st)
- After the first big significant storm event
- After the end of the leave season
- After the end of the rainy season

Additionally, Maintenance staff records all maintenance efforts including the estimated amount of debris/trash removed and other observations made (if any) onto a maintenance log provided by the Clean Water Program staff. A copy of the completed maintenance log is submitted to Clean Water Program staff throughout the rainy season and then compiled into fiscal year summaries.

Based on these maintenance logs, this reporting period maintenance staff removed approximately 184 cubic feet of debris from the catch basins retrofitted with full trash capture devices. The table below summarizes the maintenance frequencies and approximate amount of debris removed by catch basin/FTC location:

<b>Catch Basin ID#</b>	<b>Estimated Amount of Debris Removed (in cu.ft) in FY 2014/15</b>	<b>Maintenance Frequency during FY 14/15 Season</b>	<b>Comments</b>
101401	13	4 times	no comments
100754	11	4 times	no comments
100780	11	4 times	no comments
101474	7	4 times	no comments
101473	9	4 times	no comments
102690	10	4 times	no comments
102689	10	4 times	no comments

**FY 2014-2015 Annual Report**  
**Permittee Name: City of Alameda**

**C.10 – Trash Load Reduction**

101902	7	4 times	no comments
101896	7	4 times	no comments
101892	7	4 times	no comments
102680	7	4 times	no comments
102679	7	4 times	no comments
101898	13	4 times	no comments
101866	13	4 times	no comments
104419	6	4 times	catch basin was holding water at the time of cleaning
104420	6	4 times	catch basin was holding water at the time of cleaning
100943	2	once	FTC was installed at the end of January 2015
100810	2	once	FTC was installed at the end of January 2015
100779	2	once	FTC was installed at the end of January 2015
100723	2	once	FTC was installed at the end of January 2015
101399	2	once	FTC was installed at the end of January 2015
101400	2	once	FTC was installed at the end of January 2015
100659	2	once	FTC was installed at the end of January 2015
102661	2	once	FTC was installed at the end of January 2015
102674	3	once	FTC was installed at the end of January 2015
100283	1	once	FTC was installed at the end of January 2015
102673	3	once	FTC was installed at the end of January 2015
102672	3	once	FTC was installed at the end of January 2015
101904	1	once	FTC was installed at the end of January 2015
101887	1	once	FTC was installed at the end of January 2015
101967	2	once	FTC was installed at the end of January 2015
101966	2	once	FTC was installed at the end of January 2015
101948	2	once	FTC was installed at the end of January 2015
102901	2	once	FTC was installed at the end of January 2015
103759	2	once	FTC was installed at the end of January 2015

103299	2	once	FTC was installed at the end of January 2015
104328	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
100753	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
100809	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
101402	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
101411	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
101412	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
101413	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
101414	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
101957	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
100948	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
102419	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
102426	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
101888	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
101889	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
101903	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
102667	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
102698	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
100782	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
000001	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
000002	0	not yet serviced	FTC was installed at the end of March 2015; Cleaning is scheduled for September 2015
<b>Total Estimated Debris Removed (in cu.ft)</b>	<b>184</b>		

\*Catch ID # refers to the catch basin location of the installed FTC device based on the City's updated GIS and Maintenance Management System.

**C.10.b.iii ► Trash Hot Spot Assessment**

Provide the volume of material removed during each MRP-required Trash Hot Spot cleanup during each fiscal year, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources in FY 2014-15 to the extent possible. Also, provide additional information on creek cleanups conducted beyond those required.

Trash Hot Spot	FY 14-15 Cleanup Date(s)	Volume of Trash Removed (cubic yards)					Dominant Type(s) of Trash in FY 2014-15	Trash Sources in FY 2014-15 (where possible)
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15		
Site 1 Alameda Point northern shoreline (Oakland Inner Harbor)	September 15 – 18, 2014 (2014 dry season)	24.61	7.2	13.5	6.0	5.9	Bottle caps, cigar tips, cigarette filters, floatable foam, pieces of hard plastic, plastic bottles, plastic sheeting/film, plastic wrappers, straws/stirrers, Styrofoam, nurdles in fine mixed debris.	Tidal accumulation
Site 2 1500 block East Shore Drive (San Leandro Bay)	April 4 – 9, 2015 (2015 dry season)	15.37	6.7	7.8	4.4	6.7	Bottle caps/lids, floatable foam, glass bottles, pieces of hard plastic, plastic bottles, plastic sheeting/film, plastic wrappers, straws/stirrers, Styrofoam.	Tidal accumulation
Site 3 Washington Court and Lincoln Middle School shoreline (San Leandro Bay)	October 27 – 28, 2014 (2014 dry season)	5.83	9.9	2.9	6.2	1.3	Beverage cans, bottle caps/lids, cigarette filters, glass bottles, pieces of hard plastic, plastic wrappers,	Tidal accumulation

**FY 2014-2015 Annual Report**  
**Permittee Name: City of Alameda**

**C.10 – Trash Load Reduction**

							Styrofoam, foam padding.	
Site 4 Alameda Park Beach (San Francisco Bay)	April 20 – 22, 2015 (2015 dry season)	6.38	63.3 (includes 2 clean up events: August 2011 and June 2012)	4.1	11.8 (includes creosote logs and pressure treated wood managed /disposed of in partnership by EPRPD)	5.5	Beverage cans, bottle caps/lids, cigar tips, cigarette filters, floatable foam, fishing line, pieces of hard plastic, glass/plastic bottles, plastic wrappers, straws/stirrers, Styrofoam, rope, card board,	Tidal accumulation; Littering (littering source of fishing line and glass/plastic bottles predominantly at rip-rap near fishing pier)
Site 4 Alameda Park Beach (San Francisco Bay) Volunteer Cleanups	No additional volunteer clean up conducted at this site in FY 2014/15.	7	No volunteer clean up conducted at this site in FY 2011/12.	3.96	No volunteer clean up conducted at this site in FY 2014/15.	No volunteer clean up conducted at this site in FY 2014/15.	Not applicable for FY 2014/15.	Not applicable for FY 2014/15.

**Additional Receiving Water Cleanups** – If claimed as load reductions described in C.10.d – part C, describe the number and frequency of receiving water cleanups conducted in addition to those reported above. Include locations, cleanup dates, and the total volume of trash removed. Describe the overall plan, if any, associated with these additional cleanups if meant to change the trash condition of certain reaches of creeks or shorelines.

**Additional On-Land and Receiving Water Cleanups in FY 2014/2015**

<b>Date</b>	<b>Location</b>	<b>Cleanup Description</b>	<b>Volume of Trash Removed (cubic yards)</b>	<b>Dominant Types of Trash</b>	<b>Trash Sources</b>
7/19/2014	<b>TMA 1</b> – Main Street Shoreline Parking Lot/Overlook & Ferry Terminal Overflow Parking	Volunteer Cleanup (on-land including shoreline rip-rap)	3.5	Beverage cups, bottle caps/lids, cigar tips, cigarette filters, pieces of hard plastic, plastic wrappers, straws/stirrers, Styrofoam.	Tidal accumulation; Littering
10/29/2014	<b>TMA 1</b> – Main Street Shoreline Parking Lot/Overlook	City Contractor (on land including shoreline rip-rap)	1.2	Beverage cans, bottle caps/lids, cigarette filters, floatable foam, glass bottles, plastic wrappers, Styrofoam, plastic single-use cups.	Tidal accumulation; Littering
1/17/2015	<b>TMA 1</b> – Main Street Shoreline Parking Lot/Overlook & Ferry Terminal Overflow Parking	Volunteer Cleanup (on-land including shoreline rip-rap)	3.0	Bottle caps/lids, cigar tips, cigarette filters, pieces of hard plastic, plastic bags, plastic bottles, plastic wrappers, Styrofoam.	Tidal accumulation; Littering
5/6/2015	<b>TMA 1</b> – Main Street Shoreline Parking Lot/Overlook & Main Street Flood Control Channel/Wetland	City Contractor (on-land including shoreline rip-rap and wetland/flood control channel)	1.7	Beverage cans, bottle caps/lids, cigarette filters, pieces of hard plastic, plastic bottles, plastic wrappers, straws/stirrers, Styrofoam.	Illegal dumping; Littering
10/30/2014	<b>TMA 10</b> – Alameda Point Non-Residential Areas (Ferry Pt shoreline at E end of Seaplane	City Contractor	2.02	Bottle caps/lids, floatable foam, pieces of hard plastic, plastic bags, plastic	Tidal accumulation; Littering

**FY 2014-2015 Annual Report**  
**Permittee Name: City of Alameda**

**C.10 – Trash Load Reduction**

	Lagoon including riprap, berm, parking lot and field. Alameda park parking lot/frontage area along W Hornet Ave).	(on-land cleanup adjacent San Francisco Bay)		sheeting/film, Styrofoam, plastic roll.	
4/23/2015	<b>TMA 10</b> – Alameda Point Non-Residential Areas (Alameda Park, Alameda Park Parking Lot, and the lot & fence line across the street from Alameda Park)	City Contractor (on-land cleanup adjacent San Francisco Bay)	4.66	Bottle caps, lids, cigarette filters, pieces of hard plastic, Styrofoam, construction wood, and 12 car tires.	Illegal dumping; Littering
5/4/2015	<b>TMA 10</b> – Alameda Point Non-Residential Areas (Ferry Point (road) waterfront of the Seaplane Lagoon shoreline)	City Contractor (on-land cleanup adjacent San Francisco Bay)	0.71	Bottle caps, cigar tips, cigarette filters, floatable foam, pieces of hard plastic, straws/stirrers, Styrofoam.	Illegal dumping; Littering;
5/5/2015	<b>TMA 10</b> – Alameda Point Non-Residential Areas (northern shoreline of TMA 10, between the TMA 1 (Navy Way/parking lot) area and Trash Hot Spot location #1)	City Contractor	2.86	Floatable foam, glass bottles, plastic bags, plastic bottles, Styrofoam, textiles.	Illegal dumping; Littering; Tidal accumulation
5/7/2015	<b>TMA 10</b> – Alameda Point Non-Residential Areas (Alameda Park, W Hornet Ave, Skyhawk Ave, W Oriskany Ave)	City Contractor (shoreline path clean-up)	1.02	Cigar tips, cigarette filters, pieces of hard plastic, plastic bottles, plastic sheeting/film, plastic wrappers.	Littering
9/20/2014	<b>TMA 12</b> - Bayview Drive	Volunteer Cleanup (shoreline & multi-use path)	423.6 pounds (weight was provided by waste hauler in pounds)	Bottle caps/lids, cigarette filters, pieces of hard plastic, plastic wrappers, straws/stirrers, Styrofoam.	Tidal accumulation; Littering
5/9/2015	<b>TMA -12</b> Bayview Drive	Volunteer Cleanup & Weed Removal (shoreline & multi-use path)	4 cubic yards	Bottle caps/lids, cigarette filters, pieces of hard plastic, plastic wrappers, straws/stirrers, Styrofoam, cardboard, 5 syringes.	Tidal accumulation; Littering

<b>C.10.c ► Long-Term Trash Load Reduction Plan</b>	
<p>Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), trash generation maps, control measures, or time schedules identified in your plan.</p> <p>The City of Alameda has made a few, modest-scale, yet significant revisions to the Long-Term Trash Load Reduction Plan (Plan) submitted to the Water Board in early 2014. These revisions are listed below.</p> <p>Most of our City staff hours and efforts dedicated to Provision C10 implementation this reporting period have continued to focus on: (a) improving, implementing, documenting and tracking the various active trash load reduction elements already described in this Plan, (b) coordinating the installation and trash capture quantification of additional full trash capture devices, and, (c) initiating other long-term trash load reduction planning efforts. However, there has been some effort applied to further enhance the generation map and associated trash generation categories data that provides the factual foundation of the Plan. Staff recognizes that there is an on-going need to perform further verification and data updates of the trash generation category determinations and data at the parcel-scale level.</p> <p>In addition City staff continues to recognize that there are additional trash control measures that exist and that are being implemented within the City that have not yet been fully characterized, quantified and/or accounted for in our Plan and its supporting data management systems. These measures, listed below, are contributing to additional trash load reduction results and need to be adequately assessed for effectiveness. However, a lack of appropriate quantification measures or regionally agreed-upon strategies for quantifying or characterizing these measures are constraints presently. These may be significant revisions to the Plan and these additional measures will be accounted for in future reports and/or trash load reduction efforts benchmark updates.</p>	
<b>Description of Significant Revision</b>	<b>Associated TMA</b>
<p>Our Plan mapping digital records and GIS data files have been changed to reflect the results of visual assessment results this reporting period confirming that most (30 of 36) of the TMA 11 Alameda Recreation and Park Department (ARPD) and other open space facilities are low trash generation category areas. Previously, essentially all of the TMA 11 facilities' acreages were conservatively presumed to be medium, rather than low, trash generation category areas until Plan visual assessments could be completed in these areas. Approximately 85% of TMA 11 is now considered to be Low trash generation area, with the remainder Medium trash generation area.</p>	TMA 11
<p>Our Plan mapping digital records and GIS data files have been changed to reflect the results of visual assessment results this reporting period confirming that the TMA 10 Alameda Point, non-residential areas are low trash generation category areas. Previously, all TMA 10 areas were conservatively presumed to be medium, rather than low, trash generation category areas until Plan visual assessments could be completed in these areas. All Alameda Point areas not otherwise characterized as TMA 1 or TMA 11 park facilities are now considered to be Low trash generation areas.</p>	TMA 10
<p>A refinement to our Trash Plan mapping digital records and GIS data files has been the re-characterization of an east-west oriented linear open space area along Ralph Appezatto Memorial Parkway as part of TMA 5 (Residential High Trash Area), rather than a TMA 11 park facility. Though this area may one-day be managed as an open-space/park area, it is not presently managed by the City's park department. Rather it is currently simply a vacant lot subject to significant pedestrian activity and</p>	TMA 5

automobile exposures consistent with the right-of-way land uses in the adjacent TMA 5 residential neighborhood. A visual assessment of this area performed this reporting period independently identified this area as a high trash generation category area.	
Pending Revision: Assessment, inclusion and documentation of positive trash capture results and any resultant changes to effective area trash generation categorization or area trash loading rating from automatic trash racks installed at multiple, municipal stormwater pump stations located along or near the City's shoreline.	TMA 3 - 12
Pending Revision: Assessment, inclusion and documentation of the positive trash capture results and any resultant changes to area trash generation categorization or trash loading rate from the Provision C3 measures (e.g., landscape-based bioretention areas in commercial developments) installed since the effective date of the MRP.	TMA 2, 7, 8 and 10
Pending Revision: Assessment and discussion of effect of storm drain curb inlet screening devices on area trash generation categorization or trash loading rate of contributing areas treated by these partial trash capture devices installed in the City's jurisdiction.	TMA 2-9

<b>C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)</b>				
Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.				
<b>Control Measure</b>	<b>Summary Description of Control Measure &amp; Dominant Trash Sources and Types</b>	<b>Assessment Method(s)</b>	<b>Summary of Assessment Results To-date</b>	<b>Estimated % Trash Reduced</b>
Single-use Plastic Bag Ordinance or Policy	The Alameda County Waste Management Authority adopted the Single-Use Bag Ban. As of January 1, 2013, all grocery stores, supermarkets, mini-marts, convenience stores, liquor stores, pharmacies, drug stores or other entities that sell milk, bread, soda and snack foods (all four items) and/or alcohol (Type 20 or 21 license) in Alameda County must comply with the Single-Use Bag Ban Ordinance. Affected stores may no longer provide customers with single-use bags at check-out. A copy of the Ordinance is available on the Alameda County Waste Management Authority's website: <a href="http://reusablebagsac.org/ordinancetext.html">http://reusablebagsac.org/ordinancetext.html</a>	See Section C.10 of the ACCWP FY 14-15 Annual Report.  The City of Alameda continues to reference the assessment methods and the results of the Alameda Countywide Storm Drain Trash Monitoring and Characterization Project (Characterization Project).	See Section C.10 of the ACCWP FY 14-15 Annual Report.	<b>4</b>
Municipal Enhanced Street Sweeping Practices	The City's fleet of regenerative air sweepers has been purchased since the effective date of the MRP and has been in operation from FY 2011/12.	Municipal street sweeping volume capture data has been consistently collected and tracked on monthly and annual bases since, at least, the previous stormwater Permit term. The current, four-year average annual total volume capture from the regenerative air sweepers FY 2011/12 through FY 2014/15 is 10,832 cubic yards of total trash, litter and debris/year.	In comparison to the annual average total amount of trash, litter and debris collected during the previous three-year term, FY 2008/09 through FY 2010/11, 10,209 cubic yards/year, there has been a current increase of over 6% in the total amount of trash litter and debris captured.	<b>6</b>

**C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)**

<p>Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.</p>				
<p>Expanded Polystyrene Food Service Ware Ordinance or Policy</p>	<p>The City of Alameda adopted an ordinance in late 2007 banning polystyrene foam food service ware at the point-of-sale, at City sponsored events, and on City-owned facilities/properties. The ordinance banning polystyrene foam food service ware became effective and enforceable on July 1, 2008. It prohibits food vendors as well as contractors and vendors doing business with the City from distributing polystyrene foam food service ware. It also bans the use of polystyrene foam food service ware on all City-owned facilities, at City sponsored events, and on City projects. Additionally, the ordinance requires the use of biodegradable or compostable food services ware. The following exemptions to the polystyrene foam food service ban apply:</p> <ul style="list-style-type: none"> <li>• Prepared foods packaged outside the City of Alameda.</li> <li>• Polystyrene foam coolers and ice chests that are intended for reuse.</li> <li>• If the City Manager or his/her designee finds that an undue hardship exists.</li> <li>• No acceptable alternative is available at commercially reasonable price.</li> <li>• In a situation deemed by the City Manager to be an emergency.</li> </ul> <p>Even after the issuance of the MRP, the City's Integrated Solid Waste Management Program staff continues to conduct enforcement in support of this ordinance. The enforcement is conducted with assistance of the general public and the City's routine business inspection program staff, which report the use of polystyrene within food establishments.</p>	<p>See Section C.10 of the ACCWP FY 14-15 Annual Report.</p> <p>The City of Alameda also continues to reference the assessment methods and the results of the Alameda Countywide Storm Drain Trash Monitoring and Characterization Project (Characterization Project).</p>	<p>See Section C.10 of the ACCWP FY 14-15 Annual Report.</p>	<p><b>4</b></p>

<b>C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)</b>				
Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.				
Public Education and Outreach Programs Targeted at Trash Reduction and Implemented post-MRP Adoption	<p><b>City of Alameda School Outreach Program</b></p> <p>The Public Works Department continues to contract with the Kids for the Bay to implement the Watershed Ranger Program among K-6 students in Alameda schools (see also section C.7.h of this annual report). The Watershed Ranger Program is a hands-on school outreach program that promotes anti-litter behavior through watershed awareness and through the use of re-usable items as well as proper disposal/recycling of wastes. As part of the program, students will go on a walk around their school neighborhood and pick up litter; thus, preventing it from getting into the storm drains and the Bay. For a more detailed description of the program, please refer to Section C.7.h of this annual report.</p>	<p><b>Assessment Methods:</b></p> <p>To assess the program's effectiveness the City requires Kids for the Bay to submit a final report including:</p> <ul style="list-style-type: none"> <li>• Number of students/teachers reached</li> <li>• Summary of class room workshops including the amount of litter collected during school neighborhood litter pick up</li> <li>• Summary of action projects</li> <li>• Samples of students' work</li> </ul>	<p><b>Assessment Results:</b></p> <p>Please see Section C.7.h of this annual report for a description of program results and changes in awareness and behavior. Trash load reduction assessment result values remain to be determined so no jurisdiction-wide value can be assigned at present.</p>	TBD
Public Education and Outreach Programs Targeted at Trash Reduction and Implemented post-MRP Adoption	<p><b>City of Alameda Community Outreach Programs</b></p> <p>The City's Clean Water Program staff continued to conduct outreach encouraging anti-litter behavior at community events (Farmers Market, Starlight Movies at the Park, Coastal Cleanup, Everything Alameda, and Earth DAY). To achieve target behavior, the outreach focuses on creating public awareness on the environmental impacts of litter and promoting the use of re-usable items. To create public awareness, staff engages booth visitors with short surveys and interactive games that focus on how trash/litter found on city streets gets into the Bay and can end up as marine debris including what they can do to prevent it. To promote the use of re-usable items, participants received re-usable bags. Please see section C.7.e of this annual report for detailed event descriptions.</p>	<p><b>Assessment Methods:</b></p> <p>Currently, staff is counting the number of pledges signed and the amount of people participating in surveys. However, staff is working on identifying methods to assess effectiveness of community outreach events.</p>	<p><b>Assessment Results:</b></p> <p>There are no assessment results to report on this reporting period. Trash load reduction assessment result values remain to be determined so no jurisdiction-wide value can be assigned at present.</p>	TBD

<b>C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)</b>				
Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.				
Public Education and Outreach Programs Targeted at Trash Reduction and Implemented post-MRP Adoption	<b>Alameda Volunteer Litter Cleanup Events</b> City staff continues to actively recruit/build a volunteer force to conduct volunteer trash/debris on-land and shoreline cleanups. As reported under section C.7.g, this reporting period staff worked with the members of the Bayview Estate Home Owners Association to conduct two trash/litter clean up events along Bayview Drive, the coast line and public access trail behind Bayview Drive. Additionally, City staff has implemented two volunteer litter cleanup events at TMA 1 on Alameda Point (Main Street Shoreline Parking Lot/Overlook & Ferry Terminal Overflow Parking).	<b>Assessment Methods:</b> Number of volunteers participating and the amount of trash/litter/debris removed during cleanup events.	<b>Assessment Results:</b> Please refer to Section C.7.g of this annual report for the Bayview and Alameda Point cleanup results. Trash load reduction assessment result values remain to be determined so no jurisdiction-wide value can be assigned at present.	<b>TBD</b>

**C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)**

**Complete the following trash control measure implementation and assessment summary for each primary trash management area (TMA) identified in your Long-term Plan. Include the following information:**

- Identify the total jurisdictional area and the % of that area that generated very high (VH), high (H), moderate (M), or low (L) levels of trash in 2009, as depicted on trash generation maps;
- Identify the dominant trash source(s) and dominant type(s) of trash addressed or to-be addressed in the TMA;
- Provide the area currently treated by full capture devices, the quantity and type of devices installed to-date, and the % and acres of jurisdictional area in very high (VH), high (H), moderate (M), and low (L) generation categories that are currently treated by full capture devices in the TMA;
- Summarize control measures other than full capture devices implemented to-date, distinguishing between implementation that began pre- and post-MRP effective date. If not implemented in the entire TMA, describe generation category targeted and % of TMA addressed;
- Provide the acres of jurisdictional area in very high (VH), high (H), moderate (M), and low (L) generation categories in areas associated with actions other than full capture devices in the TMA;
- Describe the methods used to evaluate the effectiveness of control measures other than full capture devices, and any assessment results to-date. If the method was not implemented in the entire TMA, describe generation category targeted and %of TMA addressed.
- Provide the acres in VH, H, M or L generation categories after accounting for reduction associated with control measures other than full capture devices;
- Provide the acres in VH, H, M or L generation categories after accounting for reductions associated with ALL control measures (i.e., full capture and other actions) implemented to-date in the TMA
- Provide an estimate of the % of trash reduced in the TMA as a result of ALL control measures implemented to-date in the TMA. using the following formula:

$$\% \text{ Reduction} = 100 [(12A_{VH(2009)} + 4A_{H(2009)} + A_{M(2009)}) - (12A_{VH} + 4A_H + A_M)] / (12A_{VH2009} + 4A_{H2009} + A_{M2009})$$

where:

$A_{VH(2009)}$	=	total amount of the 2009 very high trash generation category in jurisdictional area
$A_{H(2009)}$	=	total amount of the 2009 high trash generation category in jurisdictional area
$A_{M(2009)}$	=	total amount of the 2009 moderate trash generation category in jurisdictional area
$A_{VH}$	=	total amount of very high trash generation category in jurisdictional area in the reporting year
$A_H$	=	total amount of high trash generation category in jurisdictional area in the reporting year
$A_M$	=	total amount of moderate trash generation category in jurisdictional area in the reporting year
12	=	Very High to Moderate weighing ratio
4	=	High to Moderate weighing ratio
100	=	fraction to percentage conversion factor

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types	Baseline Generation Areas (2009)	Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
1 – Main Street Shoreline Parking Lot/ Overlook	10.2	Vehicles/littering, illegal dumping	Food packaging, single-use carryout food containers, wrappers		10.2	0	0	0
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	2.23	0	0	0
	2.23	Two Triton BioFlex Drop Inlet Trash Guards						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	7.97	0	0	0
	<p>(1) An annual, localized shoreline and on-land trash spot cleanups initiated FY 2012-13 resulted in the removal of 2.97 cubic yards of litter, trash debris and recyclables.</p> <p>(2) A TMA-wide on-land cleanup in Spring 2014 resulted in the removal of 4.23 cubic yards of trash and recyclables.</p> <p>(3) City-managed TMA 1 on-land cleanups in FY 2014-15 removed 9.4 cubic yards of trash, debris and recyclables</p> <p>(4) Three (3) additional public, street trash/litter cans have been installed in the public parking lot area of this TMA, boosting to seven</p> <p>(5) the total number of available street cans subject to 3x/week servicing/emptying in this area.</p> <p>(6) Municipal street sweepers operate on a weekly basis on the paved public right-of-ways of TMA 1. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP.</p>			Area after Accounting for Other Actions (based on assessment results)	3.99	0	0	3.98
	Assessment Methods for Control Measures Other than Full Capture Devices							
	Quantification of the volume of trash and litter debris removed from the TMA during City-managed on-land cleanups. Visual and photographic assessment consistent with the Provision C.10.b trash hot spot assessment methods.							
	Summary of Assessment Results							
	The on-land and shoreline cleanup efforts completed in this TMA this reporting period resulted in the capture and removal of 9.4 cubic yards of uncompacted, bagged, trash/litter from the TMA prior to potential loading to the Oakland Inner Harbor. Acute litter accumulation trends persist however. Based on the four abatement/cleanup efforts and the effective removal of 9.4 cubic yards of trash and litter from this shoreline TMA, City staff conservatively estimates that the trash loading from this TMA has been reduced at least 50% from the on-land cleanup efforts. The results of the enhanced, street sweeping efforts implemented in this TMA are a jurisdiction-wide control measure discussed in Section C.10.d, Part A above.							
Area After Taking into Account Full Capture Devices AND Other Actions					3.99	0	0	6.21
Estimated % Trash Reduction in this TMA					60.9%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
2 – Park Street Business and Retail District	148.1	Pedestrian Litter, Inadequate container management, Vehicle Litter	Food packaging, single-use carryout food containers, wrappers, cigarette butts	Baseline Generation Areas (2009)	0	69.4	65.1	13.6
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	44.1	41.4	8.7
	94.18 (63.6%)	Three (3) Storm-Tek, four (10) Wavy Grate Catch Basin Insert Devices and 5 Triton Inlet Guard devices installed to-date within the public right-of-way, maintained by City.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	0	25.3	23.7	4.9
	(1) Municipal street sweepers operate on a daily basis along the core public right-of-ways of TMA 2. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP. (2) Enhanced storm drain inlet maintenance, as discussed in the City's Long-Term Trash Load Reduction Plan, focusing maintenance attention in this high profile area. (3) On-land trash cleanups and improved trash bin/container management via municipal involvement in and support of improvements to the business district's litter and trash control, cleanup and outreach program and replacement and enhancement of public street cans and management/service intervals. (4) Anti-littering and illegal dumping enforcement activities consistent with municipal Provision C4 and C5 implementation efforts.			Area after Accounting for Other Actions (based on assessment results)	0	19.0	17.8	17.1
	Assessment Methods for Control Measures Other than Full Capture Devices							
	Street sweeper operators monitor the on-going effectiveness of their sweeping efforts and aim for efficient, effective and full capture of debris. Sweeper collection data is logged and tracked and this multi-year data provides the basis for the resultant trash load reduction, as discussed in the jurisdiction-wide section above. Municipal maintenance personnel monitor the effectiveness of their storm drain inlet cleaning efforts, aiming for efficient, effective and full capture of debris; maintenance cleaning/collection data is logged and tracked. The City's post-MRP effective date enhanced storm drain inlet cleaning program is currently considered to contribute a 25% reduction in this higher priority TMA area, based on the multi-year average results explained further in the C10d, Part C summary below.							
	Summary of Assessment Results							
City staff estimates that the trash loading from this TMA has been reduced 25% from the results of the enhanced storm drain inlet cleaning. The results of the enhanced street sweeping efforts (as indicated above in Section C.10.d, Part A) is accounted for as a jurisdiction-wide activity.								

<b>Area After Taking into Account Full Capture Devices AND Other Actions</b>	0	19.0	17.8	111.3
<b>Estimated % Trash Reduction in this TMA</b>	73%			

<b>C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)</b>								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types	Area (Acres) in Each Trash Generation Category				
				VH	H	M	L	
3 – Webster St Business and Retail District	53.4	Pedestrian Litter, Vehicle Litter	Food packaging, single-use carryout food containers, wrappers, cigarette butts	<b>Baseline Generation Areas (2009)</b>	<b>0</b>	<b>40.1</b>	<b>11.7</b>	<b>1.6</b>
<b>Full Capture Devices</b>	<b>Area Treated by Full Trash Capture Devices (Acres)</b>	<b>Quantity and Type of Full Trash Capture Devices</b>		<b>Area Treated by Full Capture Devices</b>	-	10.5	3.1	0.4
	14.04 acres (26.3%)	Six Wavy Grate Catch Basin Insert Devices and six Triton Trash Guard devices installed to-date within the public right-of-way and maintained by City.						
<b>Actions other than Full Capture Devices</b>	<b>Summary Description of Other Actions Implemented in the TMA Since MRP Adoption</b>			<b>Area Not Treated by Full Capture Devices</b>	-	29.6	8.6	1.2
	(1) Regarding partial trash capture device operations in this TMA, an automated trash rack at a downgradient stormwater pump station receives runoff from 45.56 acres (85.3%) of TMA3. This pump station received significant post-MRP operational upgrades in FY 2011-12 though the trash rack itself was installed pre-MRP. (2) Municipal street sweepers operate on a daily basis along the core public right-of-ways of TMA 3. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP. (3) Enhanced storm drain inlet maintenance, as discussed in the City's Long-Term Trash Load Reduction Plan, focusing maintenance attention in this high-profile area. (4) On-land trash cleanups and improved trash bin/container management via municipal involvement in and support of improvements to the business district's litter and trash control, cleanup and outreach program and replacement and enhancement of public street cans and management/service intervals. (5) Anti-littering and illegal dumping enforcement activities consistent with municipal Provision C4 and C5 implementation efforts.			<b>Area after Accounting for Other Actions (based on assessment results)</b>		9.8	2.8	26.8
	<b>Assessment Methods for Control Measures Other than Full Capture Devices</b>							
Street sweeper operators monitor the on-going effectiveness of their sweeping efforts and aim for efficient, effective and full capture of debris. Sweeper collection data is logged and tracked and this multi-year data provides the basis for the resultant trash load reduction, as discussed in the jurisdiction-wide section above. As indicated in Section C.2.d., municipal maintenance/operations staff maintains routine oversight of the operations and results of the								

stormwater pump station automated trash racks; the trash rack collection data is logged and tracked. The pump station trash rack is conservatively assumed to catch 50% of the trash load volume reaching the pump station. Municipal maintenance personnel monitor the effectiveness of their storm drain inlet cleaning efforts, aiming for efficient, effective and full capture of debris; maintenance cleaning/collection data is logged and tracked. The City's post-MRP effective date enhanced storm drain inlet cleaning program is currently considered to contribute a 25% reduction in this higher priority TMA area, based on the multi-year average results explained further in the C10d, Part C summary below.							
<b>Summary of Assessment Results</b>							
City staff estimates that the cumulative trash loading reduction in this TMA from the other control measures is approximately 67% from the combined results of the down-gradient pump station trash rack and the enhanced storm drain inlet cleaning measures. 42% from the partial trash capture of the downgradient trash rack (receiving drainage from approximately 85% of the TMA, with a 50% capture rate) plus 25% from enhanced storm drain inlet maintenance. The results of the enhanced street sweeping efforts (as indicated above in Section C.10.d, Part A) is accounted for as a jurisdiction-wide activity.							
		<b>Area After Taking into Account Full Capture Devices AND Other Actions</b>		0	9.8	2.8	40.8
		<b>Estimated % Trash Reduction in this TMA</b>		76%			

<b>C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)</b>								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
4 – Commercial Shopping Center districts (Areas 4A - 4D)	94.6	Pedestrian Litter, Vehicle Litter	Food packaging, single-use carryout food containers, wrappers, cigarette butts	<b>Baseline Generation Areas (2009)</b>	0	93.0	1.6	0
<b>Full Capture Devices</b>	<b>Area Treated by Full Trash Capture Devices (Acres)</b>	<b>Quantity and Type of Full Trash Capture Devices</b>		<b>Area Treated by Full Capture Devices</b>	0	13.1	0	0
	13.12 (13.9%)	Three private full trash capture CDS units are situated on two of these private shopping centers. In addition, the City installed six Triton Bioflex trash guards and four Wavy Grate Trash Catchers in FY 2014/15 on the public peripheries of these private shopping centers that also treat runoff acreage from these areas.						
<b>Actions</b>	<b>Summary Description of Other Actions Implemented in the TMA Since MRP Adoption</b>			<b>Area Not Treated by Full Capture Devices</b>	-	79.9	1.6	-

<p>(1) Regarding partial trash capture device operations in this TMA, an automated trash rack at a downgradient stormwater pump station receives runoff from 7.99 acres of the total of 13.00 acres of TMA 4 Area 4B or 61.4% of the runoff area of Area 4B or approximately 8.5% of the entire TMA4 area. This pump station received significant post-MRP operational upgrades in FY 2011-12 though the trash rack itself was installed pre-MRP.</p> <p>(2) Municipal street sweepers operate on an at-least weekly basis along all of the public right-of-ways peripheral to the TMA 4 areas. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP.</p> <p>(3) Enhanced storm drain inlet maintenance, as discussed in the City's Long-Term Trash Load Reduction Plan, focusing maintenance attention in the four separate commercial shopping center districts that are all high profile area and that collectively are this TMA.</p> <p>(4) Anti-littering and illegal dumping outreach, inspection and enforcement activities consistent with municipal Provision C4 and C5 implementation efforts.</p>	<p><b>Area after Accounting for Other Actions</b> (based on assessment results)</p>					
		<p><b>Assessment Methods for Control Measures Other than Full Capture Devices</b></p>	-	76.7	1.5	3.3
		<p>Street sweeper operators monitor the on-going effectiveness of their sweeping efforts and aim for efficient, effective and full capture of debris. Sweeper collection data is logged and tracked and this multi-year data provides the basis for the resultant trash load reduction, as discussed in the jurisdiction-wide section above. As indicated in Section C.2.d., municipal maintenance/operations staff maintains routine oversight of the operations and results of the stormwater pump station automated trash racks: the trash rack collection data is logged and tracked. The pump station trash rack is conservatively assumed to catch 50% of the trash load volume reaching the pump station.</p>				
		<p><b>Summary of Assessment Results</b></p>				
		<p>City staff estimates that the cumulative trash load reduction from the currently assessed new or enhanced measures implemented in TMA 4 is, conservatively, 4% from the partial trash capture of the downgradient automatic trash rack receiving drainage from approximately 8.5% of the TMA. The results of the enhanced street sweeping efforts (as indicated above in Section C.10.d, Part A) is accounted for as a jurisdiction-wide activity.</p>				
<p><b>Area After Taking into Account Full Capture Devices AND Other Actions</b></p>		0	76.7	1.5	16.4	
<p><b>Estimated % Trash Reduction in this TMA</b></p>		18%				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
5 – Residential High Trash Areas	32.6	Pedestrian Litter, Vehicle Litter	Food packaging, single-use carryout food containers, wrappers, cigarette butts	<b>Baseline Generation Areas (2009)</b>	0	31.9	0.7	0
<b>FU –</b>	<b>Area Treated by Full Trash Capture Devices (Acres)</b>	<b>Quantity and Type of Full Trash Capture Devices</b>			-	13.1	0	0

	13.09 acres (40.1%)	Six Wavy Grate Catch Basin Insert Devices and two Triton Bioflex Trash Guards installed through FY 14/15 within the public right-of-way and maintained by City.	<b>Area Treated by Full Capture Devices</b>				
	<b>Summary Description of Other Actions Implemented in the TMA Since MRP Adoption</b>		<b>Area Not Treated by Full Capture Devices</b>	-	18.8	0.7	-
<b>Actions other than Full Capture Devices</b>	<p>(1) The entire 32.6 acres of the west-end residential high trash generation areas of TMA 5 drain to a downgradient stormwater pump station with an automated trash rack, This pump station received significant post-MRP operational upgrades in FY 2011-12 though the trash rack itself was installed pre-MRP.</p> <p>(2) Enhanced storm drain inlet maintenance, as discussed in the City's Long-Term Trash Load Reduction Plan, focusing maintenance attention in the public right-of-ways peripheral to these four separate commercial shopping center districts that are all high profile area and that collectively are this TMA.</p> <p>(3) Municipal street sweepers operate on a weekly basis along all of the public right-of-ways of TMA 5. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP.</p>		<b>Area after Accounting for Other Actions</b> (based on assessment results)		4.7	0.2	14.6
	<b>Assessment Methods for Control Measures Other than Full Capture Devices</b>						
	<p>Street sweeper operators monitor the on-going effectiveness of their sweeping efforts and aim for efficient, effective and full capture of debris. Sweeper collection data is logged and tracked and this multi-year data provides the basis for the resultant trash load reduction, as discussed in the jurisdiction-wide section above. Municipal maintenance/ operations staff maintains routine oversight of the operations and results of the stormwater pump station automated trash racks; the trash rack collection data is logged and tracked. The pump station trash rack is conservatively assumed to catch 50% of the trash load volume reaching the pump station. Municipal maintenance personnel monitor the effectiveness of their storm drain inlet cleaning efforts, aiming for efficient, effective and full capture of debris; collection data is logged and tracked. The City's post-MRP effective date enhanced storm drain inlet cleaning program is currently considered to contribute a 25% reduction in this higher priority TMA area, based on the multi-year average results explained further in the C10d, Part C summary below.</p>						
	<b>Summary of Assessment Results</b>						
	<p>City staff estimates that the trash loading from this TMA has been reduced approximately 75% from the combined results of the trash rack and enhanced storm drain inlet cleaning measures. 50% from the partial trash capture of the downgradient automatic trash rack receiving drainage from the entire TMA, and, 25% from enhanced storm drain inlet maintenance. The results of the enhanced street sweeping efforts (as indicated above in Section C.10.d, Part A) is accounted for as a jurisdiction-wide activity.</p>						
<b>Area After Taking into Account Full Capture Devices AND Other Actions</b>			0	4.7	0.2	27.7	
<b>Estimated % Trash Reduction in this TMA</b>			85%				

**C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)**

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
6 – Neighborhood Retail Districts	36.7	Pedestrian Litter, Vehicle Litter	Food packaging, single-use carryout food containers, wrappers, cigarette butts	<b>Baseline Generation Areas (2009)</b>	0	21.5	13.2	2.0
<b>Full Capture Devices</b>	<b>Area Treated by Full Trash Capture Devices (Acres)</b>	<b>Quantity and Type of Full Trash Capture Devices</b>		<b>Area Treated by Full Capture Devices</b>	-	0.6	0	0
	0.63 acres	Two Wavy Grate Catch Basin Insert Devices were been installed during the FY 14/15 reporting period in two areas, capturing runoff from this TMA and surrounding TMA 12 areas.						
<b>Actions other than Full Capture Devices</b>	<b>Summary Description of Other Actions Implemented in the TMA Since MRP Adoption</b>			<b>Area Not Treated by Full Capture Devices</b>	-	20.9	13.2	2.0
	(1) 0.36 acres of TMA 6 drainage areas (1% of TMA6) drain to a stormwater pump station with an automated trash rack that was subject to structural improvements and operational upgrades since the effective date of the MRP. (2) Enhanced storm drain inlet maintenance, as discussed in the City's Long-Term Trash Load Reduction Plan, focuses maintenance attention at storm drain inlets in these neighborhood retail districts that are all high profile areas and that collectively comprise this TMA. (3) Municipal street sweepers operate on a weekly basis along all of the public right-of-ways of TMA 6. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP. (4) Anti-littering and illegal dumping outreach, inspection and enforcement activities consistent with municipal Provision C4 and C5 implementation efforts.							
	<b>Assessment Methods for Control Measures Other than Full Capture Devices</b>							
	Street sweeper operators monitor the on-going effectiveness of their sweeping efforts and aim for efficient, effective and full capture of debris. Sweeper collection data is logged and tracked and this multi-year data provides the basis for the resultant trash load reduction, as discussed in the jurisdiction-wide section above. Municipal maintenance/operations staff maintains routine oversight of the operations and results of the stormwater pump station automated trash racks; the trash rack collection data is logged and tracked. The pump station trash rack is conservatively assumed to catch 50% of the trash load volume reaching the pump station. Municipal maintenance personnel monitor the effectiveness of their storm drain inlet cleaning efforts, aiming for efficient, effective and full capture of debris. The City's post-MRP effective date enhanced storm drain inlet cleaning program is currently considered to contribute a 25% reduction in this higher priority TMA area, based on the multi-year average results explained further in the C10d, Part C summary below.							
<b>Summary of Assessment Results</b>				<b>Area after Accounting for Other Actions (based on assessment results)</b>	-	15.6	9.8	10.7

City staff estimates that the cumulative trash load reduction from the other new or enhanced measures implemented in TMA 6 is approximately 25.5%. 25% from the enhanced storm drain inlet maintenance in this higher priority area, and an additional 0.5% from the downgradient automatic trash rack receiving drainage from only approximately 1% of the TMA. The results of the enhanced street sweeping efforts (as indicated above in Section C.10.d, Part A) is accounted for as a jurisdiction-wide activity.					
<b>Area After Taking into Account Full Capture Devices AND Other Actions</b>		<b>0</b>	<b>15.6</b>	<b>9.8</b>	<b>11.3</b>
<b>Estimated % Trash Reduction in this TMA</b>		27%			

**C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)**

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category				
					VH	H	M	L	
7 – Residential Medium Trash Areas	254.5	Pedestrian Litter, Vehicle Litter	Food packaging, wrappers, cigarette butts	<b>Baseline Generation Areas (2009)</b>	<b>0</b>	<b>0</b>	<b>254.5</b>	<b>0</b>	
<b>Full Capture Devices</b>	<b>Area Treated by Full Trash Capture Devices (Acres)</b>	<b>Quantity and Type of Full Trash Capture Devices</b>			<b>Area Treated by Full Capture Devices</b>	-	-	30.3	0
	30.25 acres (11.9%)	(FY 13/14: One Storm-Tek three Wavy Grate Catch Basin Insert Devices and two Triton Bioflex Trash Guards have been installed to-date in catch basins within the public right-of-way that capture drainage from TMA 7 acreage. All of these devices are maintained by the City.							
<b>Actions other than Full Capture Devices</b>	<b>Summary Description of Other Actions Implemented in the TMA Since MRP Adoption</b>				<b>Area Not Treated by Full Capture Devices</b>	-	-	224.2	-
	(1) 30.24 acres (11.9%) of the collective TMA 7 drainage areas drain to a stormwater pump stations with an automated trash rack installed/upgraded post MRP. (2) Municipal street sweepers operate on a weekly basis along all of the public right-of-ways of TMA 7. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP.				<b>Area after Accounting for Other Actions (based on assessment results)</b>	-	-	210.7	13.5
	<b>Assessment Methods for Control Measures Other than Full Capture Devices</b>								
Street sweeper operators monitor the on-going effectiveness of their sweeping efforts and aim for efficient, effective and full capture of debris. Sweeper collection data is logged and tracked and this multi-year data provides the basis for the resultant trash load reduction, as discussed in the jurisdiction-wide section above. Municipal maintenance/									

<p>operations staff maintains routine oversight of the operations and results of the stormwater pump station automated trash racks; the trash rack collection data is logged and tracked. The pump station trash rack is conservatively assumed to catch 50% of the trash load volume reaching the pump station. Municipal maintenance personnel monitor the effectiveness of their storm drain inlet cleaning efforts, aiming for efficient, effective and full capture of debris.</p>					
<b>Summary of Assessment Results</b>					
<p>City staff estimates that the trash loading reduction from the combined results of the other assessed new or enhanced measures in this TMA is limited to approximately 6% from the positive effects of the downgradient pump station trash rack. The results of the enhanced street sweeping efforts (as indicated above in Section C.10.d, Part A) is accounted for as a jurisdiction-wide activity.</p>					
<b>Area After Taking into Account Full Capture Devices AND Other Actions</b>		<b>0</b>	<b>0</b>	<b>210.7</b>	<b>43.8</b>
<b>Estimated % Trash Reduction in this TMA</b>		<b>17%</b>			

<b>C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)</b>								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
8 – Commercial/Industrial Areas	416.3	Vehicle litter, inadequate container management	Food packaging, packaging materials	<b>Baseline Generation Areas (2009)</b>	<b>0</b>	<b>0</b>	<b>405.2</b>	<b>11.1</b>
<b>Full Capture Devices</b>	<b>Area Treated by Full Trash Capture Devices (Acres)</b>	<b>Quantity and Type of Full Trash Capture Devices</b>		<b>Area Treated by Full Capture Devices</b>	-	-	1.1	0
	1.13 acres (0.3%)	One Wavy Grate Catch Basin Insert Device and one Triton Bioflex Trash Guard have been installed this reporting period that receive and treat drainage from this TMA.						
<b>Actions other than Full Capture Devices</b>	<b>Summary Description of Other Actions Implemented in the TMA Since MRP Adoption</b>			<b>Area Not Treated by Full Capture Devices</b>	-	-	404.1	11.1
	(1) 58.08 acres (14.0% of entire TMA 8) drain to stormwater pump stations with automated trash racks installed/upgraded post MRP. (2) The City's Maintenance Assessment District program administers the landscape maintenance agreement for one, high-profile, waterfront commercial district within this TMA. The agreement includes weekly litter/trash pickup in turfed areas, planter strips and street median. This landscape maintenance arrangement pre-dates the effective date of the MRP and no needed improvements have been determined to-date.			<b>Area after Accounting for Other Actions (based on assessment results)</b>	-	-	375.8	39.4

<p>(3) Municipal street sweepers operate on a weekly basis along all of the public right-of-ways of TMA 8. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP.</p> <p>(4) Anti-littering and illegal dumping outreach, inspection and enforcement activities consistent with municipal Provision C4 and C5 implementation efforts.</p>					
<b>Assessment Methods for Control Measures Other than Full Capture Devices</b>					
<p>Street sweeper operators monitor the on-going effectiveness of their sweeping efforts and aim for efficient, effective and full capture of debris. Sweeper collection data is logged and tracked and this multi-year data provides the basis for the resultant trash load reduction, as discussed in the jurisdiction-wide section above. Municipal maintenance/ operations staff maintains routine oversight of the operations and results of the stormwater pump station automated trash racks; the trash rack collection data is logged and tracked. The pump station trash rack is conservatively assumed to catch 50% of the trash load volume reaching the pump station.</p>					
<b>Summary of Assessment Results</b>					
<p>City staff estimates that the trash loading reduction from the combined results of the other assessed new or enhanced measures in this TMA is limited to approximately 7% from the positive effects of the downgradient pump station trash rack. The results of the enhanced street sweeping efforts (as indicated above in Section C.10.d, Part A) is accounted for as a jurisdiction-wide activity.</p>					

<b>Area After Taking into Account Full Capture Devices AND Other Actions</b>	0	0	375.8	40.5
<b>Estimated % Trash Reduction in this TMA</b>	7%			

**C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)**

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
9 – Neighborhood Schools and Religious Facilities	143.0	Pedestrian litter, vehicle litter	Food packaging	<b>Baseline Generation Areas (2009)</b>	0	0.2	142.8	0
<b>Full Capture Devices</b>	<b>Area Treated by Full Trash Capture Devices (Acres)</b>	<b>Quantity and Type of Full Trash Capture Devices</b>		<b>Area Treated by Full Capture Devices</b>	-	0	6.6	0
	6.61 acres (4.6%)	One Storm-Tek Catch Basin Insert Device, one Wavy Grate Device and one Triton Bioflex Trash Guard device have been installed to-date in catch basins within the public right-of-way that capture drainage from TMA 9 acreage.						

<b>Actions other than Full Capture Devices</b>	<b>Summary Description of Other Actions Implemented in the TMA Since MRP Adoption</b>	<b>Area Not Treated by Full Capture Devices</b>	-	0.2	136.2	-
	(1) 8.92 acres (6.2% of entire TMA 9) drain to stormwater pump stations with automated trash racks installed/upgraded post MRP. (2) Municipal street sweepers operate on an at-least weekly basis along all of the public right-of-ways of TMA 9. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP. (3) Our municipal trash/litter reduction outreach program to school-age residents is being otherwise accounted for in our jurisdiction-wide results summary. (4) A municipal trash hot spot cleanup effort occurs along a public-domain shoreline behind one public school campus though it is generally recognized that the primary source of trash/litter at this spot is tidal accumulation, not the school campus or student body. The results of this control measure is considered collectively with the results of the shoreline cleanup efforts, rather than as a distinct factor for this TMA.	<b>Area after Accounting for Other Actions</b> (based on assessment results)	-	0.2	128.0	8.2
	<b>Assessment Methods for Control Measures Other than Full Capture Devices</b>					
	Street sweeper operators monitor the on-going effectiveness of their sweeping efforts and aim for efficient, effective and full capture of debris. Sweeper collection data is logged and tracked and this multi-year data provides the basis for the resultant trash load reduction, as discussed in the jurisdiction-wide section above. Municipal maintenance/operations staff maintains routine oversight of the operations and results of the stormwater pump station automated trash racks; the trash rack collection data is logged and tracked. The pump station trash rack is conservatively assumed to catch 50% of the trash load volume reaching the pump station.					
	<b>Summary of Assessment Results</b>					
City staff estimates that the trash loading reduction from the combined results of the other assessed new or enhanced measures in this TMA is limited to approximately 6% from the positive effects of the downgradient pump station trash rack. The results of the enhanced street sweeping efforts (as indicated above in Section C.10.d, Part A) is accounted for as a jurisdiction-wide activity.						
<b>Area After Taking into Account Full Capture Devices AND Other Actions</b>		0	0.2	128.0	14.8	
<b>Estimated % Trash Reduction in this TMA</b>		10%				

<b>C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)</b>								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
10 – Alameda Point, non-residential areas	489.9	Vehicle litter, inadequate container management	Food packaging, packaging materials	<b>Baseline Generation Areas (2009)</b>			423.9	66.0

Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices	Area Treated by Full Capture Devices				
	2.69 acres	One Wavy Grate Catch Basin Insert Device has been installed this reporting period in a catch basin within the public right-of-way that captures drainage from acreage at the periphery of TMA 10.					
Actions other than Full Capture Devices	<b>Summary Description of Other Actions Implemented in the TMA Since MRP Adoption</b>		<b>Area Not Treated by Full Capture Devices</b>	-	-	421.2	66.0
	(1) Regarding partial-trash capture devices, 32.6 acres (6.7% of entire TMA 10) drain to stormwater pump stations with automated trash racks installed/upgraded post MRP. (2) Municipal street sweepers operate on a weekly basis along all of the public right-of-ways of TMA 10. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP. (3) Anti-littering and illegal dumping outreach, inspection and enforcement activities consistent with municipal Provision C4 and C5 implementation efforts. (4) On-land cleanups resulting in the capture and removal of a total of 11.27 cubic yards of trash and litter debris this reporting period.		<b>Area after Accounting for Other Actions</b> (based on assessment results)	-	-	-	487.2
	<b>Assessment Methods for Control Measures Other than Full Capture Devices</b>						
	A dozen (12) Visual Assessments were completed in TMA 10 this reporting period following the regional protocol and guidance documents. All of these Visual Assessments indicate that all of the Alameda Point areas not otherwise considered in TMA 1 or TMA 11 facilities are Low trash generation category areas. Municipal maintenance/operations staff maintains routine oversight of the operations and results of the stormwater pump station automated trash racks; the trash rack collection data is logged and tracked. The pump station trash rack is conservatively assumed to catch 50% of the trash load volume reaching the pump station. In addition, street sweeper operators monitor the on-going effectiveness of their sweeping efforts and aim for efficient, effective and full capture of debris. Sweeper collection data is logged and tracked and this multi-year data provides the basis for the resultant trash load reduction, as discussed in the jurisdiction-wide section above.						
	<b>Summary of Assessment Results</b>						
	City staff determines that the results of multiple visual assessments and the cumulative trash load reduction from the new or enhanced measures implemented in TMA 10 indicates that all of TMA 10 is a Low Trash Generation Area. The results of the enhanced street sweeping efforts (as indicated above in Section C.10.d, Part A) is accounted for as a jurisdiction-wide activity.						
<b>Area After Taking into Account Full Capture Devices AND Other Actions</b>			0	0	0	489.9	
<b>Estimated % Trash Reduction in this TMA</b>			100%				

**C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)**

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
11 – Parks, recreation and open spaces	162.2	Pedestrian litter, vehicle litter	Food packaging materials	<b>Baseline Generation Areas (2009)</b>	0	0	161.7	0.5
<b>Full Capture Devices</b>	<b>Area Treated by Full Trash Capture Devices (Acres)</b>	<b>Quantity and Type of Full Trash Capture Devices</b>		<b>Area Treated by Full Capture Devices</b>	-	-	2.5	0
	2.53 acres (1.6%)	One Wavy Grate Device and one Triton Bioflex Trash Guard Device were installed this reporting period that treat catch basins that receive drainage areas from parks, recreation and open space areas.						
<b>Actions other than Full Capture Devices</b>	<b>Summary Description of Other Actions Implemented in the TMA Since MRP Adoption</b>			<b>Area Not Treated by Full Capture Devices</b>	-	-	159.2	0.5
	<p>(1) Visual Assessments performed at all TMA 11 facilities this reporting period indicates that 30 of the 36 TMA facilities are Low Trash Generation Areas.</p> <p>(2) 26.43 acres (16.3% of entire TMA 11) drain to stormwater pump stations with automated trash racks (considered partial trash capture) installed/upgraded post MRP</p> <p>(2) Municipal street sweepers operate on a weekly basis along all of the public right-of-ways peripheral to TMA 11 areas. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP.</p> <p>(3) Since the effective date of the MRP, City Recreation and Park Department staff have initiated three programs that serve to improve trash/litter control efforts at City recreation and park facilities: the Park Monitor Program, Operation Green Sweep and the Three-Stream Container Pilot Program, two on-land cleanup programs and an improved container management program respectively.</p>							
	<b>Assessment Methods for Control Measures Other than Full Capture Devices</b>							
	<p>Visual Assessments results at all TMA 11 facilities this reporting period indicates that 30 of the 36 facilities (83%) are Low Trash Generation Areas. In addition, municipal maintenance/ operations staff maintains routine oversight of the operations and results of the stormwater pump station automated trash racks; the trash rack collection data is logged and tracked. The pump station trash rack is conservatively assumed to catch 50% of the trash load volume reaching the pump station. Street sweeper operators monitor the on-going effectiveness of their sweeping efforts and aim for efficient, effective and full capture of debris. Sweeper collection data is logged and tracked and this multi-year data provides the basis for the resultant trash load reduction, as discussed in the jurisdiction-wide section above.</p>							
	<b>Summary of Assessment Results</b>							
<p>Results of the Visual Assessments conducted this reporting period indicate that 83% of the TMA facilities are Low Trash Generation Areas. In addition, the trash loading reduction from the combined results of the other assessed new or enhanced measures in this TMA needs to factor approximately 8% from the positive effects of the down</p>			<b>Area after Accounting for Other Actions (based on assessment results)</b>	-	-	24.9	134.8	

gradient pump station trash rack. City staff estimates that the cumulative trash load reduction from the results of the Visual Assessments characterization of the TMA 11 facilities and the assessed new or enhanced measures implemented in TMA 11 is approximately 86%. The results of the enhanced street sweeping efforts (as indicated above in Section C.10.d, Part A) is accounted for as a jurisdiction-wide activity.						
		<b>Area After Taking into Account Full Capture Devices AND Other Actions</b>	0	0	24.9	137.3
		<b>Estimated % Trash Reduction in this TMA</b>	85%			

**C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)**

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types	Baseline Generation Areas (2009)	Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
12 – Low Trash Areas	3656.5	Pedestrian litter, vehicle litter	Food packaging materials	0	6.8	15.5	3634.2	
Full Capture Devices	<b>Area Treated by Full Trash Capture Devices (Acres)</b>	<b>Quantity and Type of Full Trash Capture Devices</b>		<b>Area Treated by Full Capture Devices</b>	-	0	0	74.85
	74.85 acres (2%)	One (1) Storm-Tek device, thirteen Wavy Grate Catch Basin Insert Devices, and six Triton Bioflex Devices have been installed to-date within catch basins in the public right-of-way and maintained by the City that treat areas draining from TMA 12 areas. These TMA 12 areas (typically single-family residential neighborhoods) are all in closer proximity to higher trash generating retail districts.						
Actions other than Full Capture Devices	<b>Summary Description of Other Actions Implemented in the TMA Since MRP Adoption</b>			<b>Area Not Treated by Full Capture Devices</b>	-	6.8	15.5	3559.3
	(1) 192.91 acres (5.3%) of TMA 12 drain to stormwater pump stations with automated trash racks installed/upgraded post MRP and considered a partial trash capture device. (2) Municipal street sweepers operate on a weekly basis along all of the public right-of-ways of TMA 12. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP.			<b>Area after Accounting for Other Actions</b> (based on assessment results)	-	6.6	15.1	3559.9
	<b>Assessment Methods for Control Measures Other than Full Capture Devices</b>							
Municipal maintenance/ operations staff maintains routine oversight of the operations and results of the stormwater pump station automated trash racks; the trash rack collection data is logged and tracked. The pump station trash rack is conservatively assumed to catch 50% of the trash load volume reaching the pump station. Street sweeper operators monitor the on-going effectiveness of their sweeping efforts and aim for efficient, effective and full capture								

<p>of debris. Sweeper collection data is logged and tracked and this multi-year data provides the basis for the resultant trash load reduction, as discussed in the jurisdiction-wide section above.</p>					
<p><b>Summary of Assessment Results</b></p>					
<p>City staff estimates that the trash loading reduction from the combined results of the other assessed new or enhanced measures in this TMA is limited to approximately 2.5% from the positive effects of the downgradient pump station trash racks. The results of the enhanced street sweeping efforts (as indicated above in Section C.10.d, Part A) is accounted for as a jurisdiction-wide activity.</p>					
<p><b>Area After Taking into Account Full Capture Devices AND Other Actions</b></p>	<p><b>0</b></p>	<p><b>6.6</b></p>	<p><b>15.1</b></p>	<p><b>3634.8</b></p>	
<p><b>Estimated % Trash Reduction in this TMA</b></p>	<p><b>3%</b></p>				

**C.10.d ► PART C – Estimated Overall Trash Load Reduction**

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.d – Parts A and B and receiving water cleanups not reported in C.10.b.iii.

As detailed above, City trash load reduction efforts this reporting period have focused on the Very High, High and Medium Trash generation areas. As summarized below the City has actively captured, swept and cleaned up, etc., an extensive volume of trash and litter this reporting period. The following is a brief summary of the quantities of total trash, litter and debris captured this reporting period by the City of Alameda implementing efforts previously described and identified in the City's Long-Term Trash Load Reduction Plan and in this Annual Report:

- Street Sweeping with daily frequencies in both highest profile retail business districts and at-least weekly frequencies city-wide by a regenerative air sweeper fleet put into service post-MRP effective date resulted in a total capture and collection of a total volume of 11,085 cubic yards of total debris (including trash, litter, organics, sediment), distinct from the separate winter-season leaf vactoring operations.
- Municipal maintenance activities removed approximately 233.5 cubic yards of debris during our routine, enhanced storm drain inlet maintenance/cleaning program.
- In addition, City municipal stormwater Pump station trash racks cumulatively collected 42.9 cubic yards of total trash, litter and debris this reporting period. A subtotal of 19.2 cubic yards of total trash, litter and debris was collected from stormwater pump stations with trash racks subject to installation or significant pump station operational upgrades since the effective date of the MRP.
- On-land and shoreline cleanup efforts, distinct from our Trash Hot Spot cleanups, resulted in the capture and removal of 24.67 cubic yards plus an additional 423 pounds of trash, litter and debris. The nine separate on-land cleanups are summarized as follows: four, separate on-land cleanups in TMA 1 captured 9.4 cubic yards of trash/litter; three separate TMA 10 cleanups resulted in the on-land cleanup and removal of 11.27 cubic yards of trash, litter and debris; and, two separate volunteer shoreline cleanups along a TMA 12 shoreline stretch resulted in 4 cubic yards and 423 pounds, of trash, litter and debris.
- The total volume of trash and litter captured and removed during routine maintenance from the installed FTCs in the City of Alameda this reporting period equaled 184 cubic feet (or approximately 6.8 cubic yards) of total trash/litter/debris.
- The cumulative volume of the capture and removal of trash/litter/debris from all four of the City's formal shoreline Trash Hot Spot cleanups this year is 19.4 cubic yards.

The table below summarizes the City's total estimated trash reduction for FY 2014/15, including the jurisdiction-wide control measures, the effects of the FTCs installed to-date and the other new and enhanced control measures.

**Discussion of Trash Reduction Estimate (including Receiving Water Cleanups):**

The table below summarizes the City's total estimated trash reduction for FY 2014/15. In summary, the three jurisdiction-wide actions for which the City can identify a specific percentage reduction value account for a 14% reduction in trash loading. The FTC installations result in a contribution of a 22.4 % reduction in trash loading as of the end of this reporting period, utilizing the requested formula. A summation, utilizing the requested formula, of all control measures (including FTC installations) accounted for in the TMA specific summaries above, results in a 48.9 % reduction. Subtracting the FTC % reduction contribution, the % reduction from the other TMA summary control measures is a 26.5 % trash load reduction. These values sum to a total % trash load reduction of 62.9% prior to factoring a contribution from our shoreline cleanup efforts.

For the Jurisdiction-wide trash load reduction efforts focused on the single-use plastic bag and expanded polystyrene foam bans, the City of Alameda is referencing the assessment methods and the results of the Alameda Countywide Storm Drain Trash Monitoring and Characterization Project (Characterization Project). For a description of the assessment method please refer to Section C.10 of the ACCWP FY 13-14 Annual Report and the draft Characterization Project report included in Appendix G of this ACCWP Report.

The trash load reduction efforts of the City's citywide, enhanced, street sweeping program post-MRP effective date is currently being assessed as a 6% reduction jurisdiction-wide control measure. The City's fleet of regenerative air sweepers has been in operation from FY 2011/12. Municipal street sweeping volume capture data has been consistently collected and tracked on monthly and annual bases since, at least, the previous stormwater Permit term. The current, four-year average annual total volume capture from the regenerative air sweepers since the fleet has essentially been in operation from FY 2011/12 through FY 2014/15 (10,832 cubic yards/year) is an increase of greater than 6% from the annual average from the previous three-year term, FY 2008/09 through FY 2010/11, (10,209 cubic yards/year). This 6% cumulative effect is currently being characterized as a jurisdiction-wide 6% reduction.

Using the provided formula for "% Reduction" for the cumulative trash Full Capture Device data, the installation of trash Full Capture Devices to-date has resulted in a 22.4% Reduction. See the FTC acreage value summaries in the C.10.a.iii Table on page 10-1. The total acreage values accounting for the various priority trash generation areas in the City's 2014 Long-term Trash Reduction Plan (representing 2009 conditions) are, respectively, 10.2 acres (VH), 262.9 acres (H), and 1495.9 acres (M). After accounting for all trash control measures installed and implemented as of the end of this current reporting period, the total jurisdictional acreages for the Very High (VH), High (H), Moderate (M) and Low (L) trash generation areas are as follows: 3.99 acres (VH), 132.6 acres (H), 786.6 acres (M), and 4574.81 acres (L).

As discussed in the TMA assessments above, partial capture automated trash racks are conservatively being assumed to capture 50% of the total trash/litter volume load transported to the pump station/trash rack location. This assumption may be modified with further assessment at a later date. In addition, the City installed 15 partial trash capture devices at curb inlet mouths this reporting period; these devices are referred to as Wing Gate Automatic Retractable Screen Grate devices. The City will rely upon a regional study currently being conducted to assist with the determination of the trash load reduction value that can be attributed to these devices. The City has not yet quantified any trash reduction load value for these devices installed this reporting period.

The trash load reduction effect of the City's post-MRP effective date enhanced storm drain inlet cleaning program is currently being assessed as a 25% reduction in the higher priority TMA areas (TMAs 2, 3, 5 and 6) where these efforts have been implemented. Municipal maintenance storm

drain infrastructure cleaning results volume capture data has been consistently collected and tracked on monthly and annual bases since, at least, the previous stormwater Permit term. The current four-year average annual total volume capture from the enhanced storm drain inlet cleaning program since this program was implemented in FY 2011/12 through FY 2014/15 (157 cubic yards/year) is an increase of 25% from the annual average from the previous three-year term, FY 2008/09 through FY 2010/11, (125 cubic yards/year).

All of the City of Alameda’s formal shoreline Trash Hot Spot cleanup efforts were City-managed contractor efforts focused on cleanup of the target shoreline stretches over the course of an entire work week (if necessary) for each shoreline hot spot. The total of 19.4 cubic yards of trash, litter and debris removed from the shoreline/receiving waters area is a sizable contribution to the removal of trash and litter from San Francisco Bay and may mitigate for potential trash and litter discharges from the City’s MS4. The City will continue to seek means to describe a regionally acceptable calculation method to determine how thorough and effective shoreline cleanup efforts can result in a quantifiable, additional, trash load reduction credit in future reporting periods and Provision C10 benchmark reporting.

Estimated % Trash Reduction due to Jurisdictional-wide Actions (as Reported in C.10.d – Part A)	<b>14</b>
Estimated % Trash Reduction in All TMAs due to Trash Full Capture Devices (as Reported in C.10.d. – Part B)	<b>22.4</b>
Estimated % Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Devices in All TMAs) (as Reported in C.10.d. – Part B)	<b>26.5</b>
<b>SubTotal for Above Actions</b>	<b>62.9</b>
Estimated % Trash Reduction due to Receiving Water Cleanups (All TMAs)	<b>TBD</b>
<b>Total Estimated % Trash Reduction FY 14-15</b>	<b>62.9+</b>

### Section 11 - Provision C.11 Mercury Controls

#### C.11.a.i ► Mercury Recycling Efforts

List below or attach lists of efforts to promote, facilitate, and/or participate in collection and recycling of mercury containing devices and equipment at the consumer level (e.g., thermometers, thermostats, switches, bulbs).

Please refer to Section C.11 of the ACCWP FY 14-15 Annual Report for a summary of countywide recycling efforts.

The City of Alameda's FY 2014-15 mercury recycling efforts are described below:

##### 1. FACILITATION/COLLECTION OF MERCURY CONTAINING DEVICES

- **Residential Collection Program:** The City of Alameda Public Works Department sponsors a spent fluorescent lamps and batteries collection program for Alameda residents to encourage the proper disposal of these items. To facilitate the collection of fluorescent lamps, the City has partnered with several local stores and Alameda County Industries (the City's franchise waste hauler) to establish 4 collection centers that Alameda residents can use year-round during regular business hours to drop off spent fluorescent tubes and compact fluorescent lamps (CFLs). Additionally, the City has contracted with the East Bay Civic Corps to collect fluorescent lamps monthly from the four fluorescent lamp collection centers and drop them off at the Oakland Household Hazardous Waste facility. The collection centers for the spent fluorescent lamps are listed below:
  - a. Pagano's Hardware Mart, 1100 Lincoln Avenue, Alameda
  - b. Pagano's Ace Hardware, 2298 South Shore Center, Alameda
  - c. Encinal Hardware Store, 2801 Encinal Avenue, Alameda
  - d. Alameda County Industries, 2307 Blanding Avenue, Suite B, Alameda
- **Municipal Operations Collection Program:** The City also continues implementing its municipal operations fluorescent lamp recycling program. Clean Water Program staff is responsible for coordinating the recycling efforts of spent fluorescent lamps and High-Intensity Discharge (HID) lamps from various City departments. Designated staff from various City Departments drop off spent lamps at a common staging area controlled and seured by City Maintenance staff. Clean Water Program staff coordinates the pick-up of spent fluorescent lamps and HID lamps with a lamp recycler as needed once or twice a year.

##### 2. PROMOTION

- The City of Alameda's Integrated Solid Waste Program promotes the proper disposal/recycling of universal waste such as household batteries, fluorescent lamps, and other mercury containing devices through its "Planet Alameda" website at [www.planetalameda.com/universal-waste.html](http://www.planetalameda.com/universal-waste.html). The website features fluorescent lamp and other universal waste collection centers and includes information about other mercury-containing devices such as gauges, thermostats, pilot light sensors, and novelty items.
- City staff also promotes the residential fluorescent lamp and battery recycling program at outreach events. Staff disseminates flyers advertising the locations of collection centers of spent fluorescent lamps and household batteries. The flyer also promoting the proper disposal of other common household hazardous wastes.

During stormwater pollution prevention business inspections, Clean Water Program staff discusses the proper recycling of mercury containing products and distributes the BMP flyer "Reducing Mercury Pollution."

**C.11.a.ii ► Mercury Collection**

Provide an estimate of the mass of mercury collected through these efforts, or provide a reference to a report containing this estimate.

**Please refer to the FY 14-15 Countywide Program Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the Countywide Program area."**

The results of the City's mercury recycling programs mentioned above are as follows:

- **Residential Collection Program:** During FY 14/15, the following quantities of fluorescent lamps from this City-managed program were recycled and dropped off at the Oakland Household Hazardous Waste Facility:
  - 3,526 CFLs
  - 14,572 linear feet of straight fluorescent lamps (or 3,643 4-foot lamps)
  
- **Municipal Operations Collection Program:** During FY 14/15, the following quantities of fluorescent/HID lamps were recycled through a lamp recycler:
  - 290 CFLs (or 58 lbs.)
  - 2,336 linear feet of straight fluorescent lamps (or 292 lbs. of straight lamps)
  - 254 lbs. of HID lamps

The table below summarizes the total amount of fluorescent lamps collected from residential and municipal operations recycling efforts, and using the "Mercury Recycling Calculator" provided by the Alameda Countywide Clean Water Program, it also provides an estimated mass of mercury collected:

Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected (kg)
Fluorescent Lamps <sup>62</sup> (linear feet)	16,908	0.0350841
CFLs <sup>63</sup> (each)	3,816	0.017172
Thermostats <sup>64</sup> (each)	0	0
Thermostats (lbs)	0	0
Thermometers (each)	0	0
Switches (lbs)	0	0
<b>Total Mass of Mercury Collected During FY 2014-2015:</b>		0.0522561

<sup>62</sup>Only linear fluorescent lamps should be included  
<sup>63</sup>Only compact fluorescent lamps should be included  
<sup>64</sup>Thermostats can be reported by quantity or by pounds. Whichever unit is used, please avoid double-counting.

- C.11.b ▶ Monitor Methylmercury**
- C.11.c ▶ Pilot Projects to Investigate and Abate Mercury Sources in Drainages**
- C.11.d ▶ Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices**
- C.11.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit**
- C.11.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs**
- C.11.g ▶ Monitor Stormwater Mercury Pollutant Loads and Loads Reduced**
- C.11.h ▶ Fate and Transport Study of Mercury In Urban Runoff**
- C.11.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region**
- C.11.j ▶ Develop Allocation Sharing Scheme with Caltrans**

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary:

The City of Alameda contributes to the implementation of these mercury control efforts through its participation and support of the Alameda Countywide Clean Water Program (ACCWP)'s involvement in these countywide and/or regional efforts. A summary of countywide Program and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 14-15 Annual Report, Integrated Monitoring Report"

**Section 12 - Provision C.12 PCBs Controls**

**C.12.a.ii,iii ▶ Ongoing Training**

*(For FY 10-11 Annual Report and Each Annual Report Thereafter)* List below or attach description of ongoing training development and inspections for PCB identification, including documentation and referral to appropriate regulatory agencies (e.g. county health departments, Department of Toxic Substances Control, California Department of Public Health, and the Water Board) as necessary.

Description:  
 City of Alameda business/industrial inspection staff continued to perform Provision C5 business inspections this reporting period that were consistent with previous trainings on identifying PCBs or PCB-containing equipment that were documented in previous Annual Reports. However, this reporting period we did not locate any cause to make a referral concerning a previously unidentified PCB source to any other appropriate regulatory agency.

Also, please see the Alameda Countywide Clean Water Program FY 14-15 Program Annual Report for a description of training conducted by the Program.

- C.12.b ▶ Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities**
- C.12.c ▶ Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations**
- C.12.d ▶ Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices**
- C.12.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit**
- C.12.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs**
- C.12.g ▶ Monitor Stormwater PCB Pollutant Loads and Loads Reduced**
- C.12.h ▶ Fate and Transport Study of PCBs In Urban Runoff**
- C.12.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region**

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary: A summary of the Alameda Countywide Program and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of the countywide Program's FY 14-15 Annual Report, Integrated Monitoring Report.

**Section 13 - Provision C.13 Copper Controls**

**C.13.a.iii.(2) ▶ Training, Permitting and Enforcement Activities**

*(FY 11-12 Annual Report and each Annual Report thereafter)* Provide summaries of activities implemented to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction including. :

- Development of BMPs on how to manage the water during and post construction
- Requiring the use of appropriate BMPs when issuing building permits
- Educating installers and operators on appropriate BMPs
- Enforcement actions taken again noncompliance

City of Alameda staff continues to rely upon the BMP fact sheet developed by the Alameda Countywide Clean Water Program that describes practices to prevent impacts to runoff water quality from the use and/or maintenance of architectural copper. There were no issues of noncompliance or enforcement actions taken this reporting period concerning the use and/or maintenance of architectural copper.

**C.13.d.iii ▶ Industrial Sources Copper Reduction Results**

Based upon inspection activities conducted under Provision C.4, highlight copper reduction results achieved among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed.

Summary

The City of Alameda business/industrial inspectors identify vehicle repair shops, boatyards and industrial metal handlers as facilities that are potential users or sources of copper; these business facilities are included in our Provision C.4 business outreach and inspection program. Municipal inspection activities conducted under Provision C.4 at these facilities continue to include discussions with facility representatives regarding relevant BMP implementation to prevent copper exposure and discharge and oversight of the effectiveness of the implementation of these BMPs. Observed poor BMP implementation resulting in potential copper exposure or discharge would result in follow-up enforcement activity. Based on staff's inspection findings and enforcement actions there were no unresolved violations this reporting period.

**Section 14 - Provision C.14 PBDE, Legacy Pesticides and Selenium Controls**

Note: There are no reporting requirements in the FY 14-15 Annual Report for Section C.14.

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

**C.15.b.iii.(1), C.15.b.iii.(2) ► Planned and Unplanned Discharges of Potable Water**

Is your agency a water purveyor?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If <b>No</b> , skip to C.15.b.vi.(2):				
If <b>Yes</b> , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.				
Comments: The City of Alameda is not a water purveyor so no additional information is being provided in this response section. And, no additional information is provided in the attached reporting tables for sections C.15.b.iii. (1) and C.15.b.iii. (2).				

**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: <ul style="list-style-type: none"> <li>• Promote conservation programs</li> <li>• Promote outreach for less toxic pest control and landscape management</li> <li>• Promote use of drought tolerant and native vegetation</li> <li>• Promote outreach messages to encourage appropriate watering/irrigation practices</li> <li>• Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.</li> </ul>
Summary: The City of Alameda continues to take an active role in implementing and promoting-through-example water conservation programs. Under direction of the City Manager, City departments continue to identify and seek ways to reduce water use both to make a significant positive contribution to water conservation and to perform good public agency role modeling. Consistent with Provision C.15 expectations, landscaping and irrigation efforts at the recently City-acquired and City-managed Alameda Point property are under close scrutiny by both City staff and the property management firm working for and with the City to prevent and respond to any runoff events due to over-irrigation.  The City-owned, but independently-operated, golf course complex continues to be a long-standing, flagship example of a recycled/reclaimed water use partnership project with EBMUD for golf course irrigation. And, the golf course operators continue to seek ways to improve irrigation efficiency. Golf complex renovations and re-grading projects continuing and active this reporting period have included the on-going re-grading and modernization of the southern course. The planned and under-construction improvements and modernizations of these facilities, including the improved efficiencies of the irrigation systems, are accomplishments that both the City and golf course operator are justifiably proud.

To promote the use of less-toxic pest management and the use of drought tolerant and native vegetation, the City participates in and supports relevant countywide Program outreach efforts, and continues to use countywide materials at the local implementation level. A summary of the Alameda Countywide Clean Water Program (Program)'s efforts to promote these inter-related concepts is included within the C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of the Program's FY 14-15 Annual Report.

Under efforts implementing Provision C.3, the City continues to promote the use of Bay Friendly Landscaping practices during the project review and approval process to promote the use of water conservation and efficiency and runoff minimization in the project planning and design phases. The City also has and implements a Bay Friendly Landscaping ordinance for public and public/private partnership landscaping projects through the project application, review and approval process. This is also implemented through the project planning, design, review, and approvals efforts. And, as also described in Section C.7.e, above, of the City's Annual Report, the City has promoted less toxic pest control, landscape management practices, and the use of drought tolerant and native vegetation through a series of public outreach event activities at the local level. And, as a reiteration of previous reporting efforts, City operations continue to implement practices in accordance with the City IPM Policy which requires and promotes the use of less toxic pest control practices.

City personnel and contractors continue to respond promptly to reports of large volume landscape irrigation runoff from City-managed properties.

**C.15.b.iii.(1) ► Planned Discharges of the Potable Water System**

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity <sup>65</sup> (NTU)	Implemented BMPs & Corrective Actions
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

**C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System<sup>66</sup>**

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) <sup>67</sup>	pH (standard units) <sup>52</sup>	Discharge Turbidity (Visual) <sup>52</sup>	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time <sup>68</sup>	Inspector arrival time	Responding crew arrival time
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>65</sup>Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

<sup>66</sup>This table contains all of the unplanned discharges that occurred in this FY.

<sup>67</sup>Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.

<sup>68</sup>. Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

# FY 2014/15 ANNUAL REPORT ATTACHEMNTNS

## TABLE OF CONTENT

<u>Name of Document</u>	<u>Section of Annual Report</u>
1. Business Inspection Plan	C.4.b.iii.1
2. FY 2015/16 Business Inspection List	C.4.b.iii.2
3. Coastal Clean Up Advertisement	C.7.b.ii.1
4. Earth Day Advertisement Public Works Section	C.7.b.ii.1
5. Press Release Alameda Point Volunteer Litter Clean-Up	C.7.c
6. Farmers Market Signed Pledges	C.7.e
7. Farmers Market Survey Results	C.7.e
8. Starlight Movies at the Park Survey Results	C.7.e
9. Coastal Clean-Up Survey Results	C.7.e
10. Everything Alameda Survey Results	C.7.e
11. Everything Alameda Event Photos	C.7.e
12. Earth Day Event Photos	C.7.e
13. Photos Alameda Point Clean-Up	C.7.g
14. Photos Bayview Clean-Up	C.7.g
15. Watershed Ranger Program: Student sample letter requesting an annual school-wide litter clean-up.	C.7.h
16. School Flyer Promoting Eco-Friendly Carwash Fundraisers	C.7.h
17. IPM Contract Specifications	C.9.d
18. Copies of Contactors' Bay Friendly Certifications	C.9.d
19. Copies of Contractors' GREENPRO/IPM Certifications	C.9.d

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
SAFEWAY INC. 3281	Grocer	TBD	2600		5th Street
Chipotle Mexican Grill#02384	Restaurant	TBD	2610	A	5th Street
Cream	Misc.Food Store	TBD	2630	A	5th Street
Panda Express Inc.	Restaurant	TBD	2630	D	5th Street
Habit Burger Grill	Restaurant	TBD	2640	A	5th Street
Yoghurtland	Restaurant/Snack Bar	TBD	2640	B	5th Street
Michaels	Arts & Craft Supplies	TBD	2650	A	5th Street
Shiransoni	Restaurant	TBD	2660	A	5th Street
Sharetea	Restaurant/Snack Bar	TBD	2670	C	5th Street
SPIN Neapolitan Pizza	Restaurant	TBD	2670	A	5th Street
Famous Dave	Restaurant	TBD	2690	A	5th Street
Target Store T-2829	Retail	M	2700		5 th Street
Bobac Warehousing	Warehousing	H	300		A Avenue
Taqueria Ramiro	Restaurant	L	2321		Alameda Ave
Grand Marina Warehouse Shops	Manufacturing - metal/wood sr	L	2021	9	Alaska Packer Pl
The Boat Yard at Grand Marina	Boat Yard	H-NOI	2021		Alaska Packers Place
Starbucks Coffee	Food - coffee	L	720		Atlantic Ave
Levy's Bagels & Co.	Food/Bagels	M	730		Atlantic Ave
Abigail Café & Deli	Restaurant - Deli	M	1132		Ballena Blvd
Pier 29	Restaurant	M	1148		Ballena Blvd
Little House Café	Restaurant	L	2300		Blanding Ave
Enterprise Rent-A-Car	Auto Rental	M	2307	A	Blanding Ave
A-Town Pizza	Restaurant	L	2327	E	Blanding Ave
Island Auto Sales	Auto Sales	M	2336		Blanding Ave
Dragon Rouge	Restaurant	H	2337		Blanding Ave
Blanding Auto Repair	Auto Repair	M	2338		Blanding Ave
Waters Edge Nursing Home	Food - institutional	M	2401		Blanding Ave
THE BODY SHOPPE	Auto Body/Paint	L	2435		Blanding Ave

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Velodyne Acoustics	Boat - Marine Services	M	2517		Blanding Ave
Bridgeside Shopping Center Property Management (inspect together with businesses located at shopping center)	Property Management	M	2531-2671		Blanding Ave
Nob Hill Grocery	Grocer	L	2531		Blanding Ave
Baskin Robbins	Food - dairy	L	2601	D	Blanding Ave
Round Table of Alameda	Restaurant	L	2651	H	Blanding Ave
Subway Sandwiches	Restaurant - deli	L	2651	A	Blanding Ave
Taco Bell	Resturant - Fast Food	L	2651	E	Blanding Ave
New Sushi King	Restaurant	L	2661	E	Blanding Ave
Ohana Hawaiian BBQ Inc.	Restaurant	L	2661	B	Blanding Ave
Wing Stop	Restaurant	L	2661	A	Blanding Ave
Starbucks Coffee	Food - coffee	L	2671	D	Blanding Ave
The Cheesesteak Shop	Restaurant	M	2671	C	Blanding Ave
Nob Hill Gas station	Auto Service/Repair	M	2681		Blanding Ave
Papa Murphy Pizza/Island City Café	Restaurant	L	1929		Broadway
ALAMEDA AUTO LAB	Auto Repair	M	631		Buena Vista Ave
Dreams Autoworks	Auto Repair	M	633		Buena Vista Ave
SEVEN ELEVEN	Grocer	H	639		Buena Vista Ave
Fred's Wrenchouse	Auto Repair	M	647		Buena Vista Ave
India Palace	Restaurant	M	737		Buena Vista Ave
Damco Int'l	Warehousing	M	1501		Buena Vista Ave
Transmeridian Logistics Services	Warehousing	M	1501		Buena Vista Ave
Foster's Freeze	Restaurant - fast food	M	630		Central Ave
TMIX	Food - dairy	L	650	G	Central Ave
Bonfare Market #25	Grocer	L	650	H	Central Ave
Lee's Donuts	Food - bakery	L	660	B	Central Ave
Pho & Baguette	Restaurant	L	660	C	Central Ave
Croll's Pizza	Restaurant	M	705		Central Ave
Mountain Mike's Pizza	Restaurant - deli	M	714		Central Ave
McDonalds	Restaurant - fast food	M	715		Central Ave
Spritzers	Food - Café	L	734		Central Ave
School Foodies (Upton's Inc.)	Catering	M	845		Central Ave
Valero Service Station	Auto Service/Repair	H	1310		Central Ave
Café Central	Restaurant	L	2300		Central Ave
Dan's Fresh Produce	Grocer	L	2300		Central Ave
Alameda Cinema Grill	Restaurant	TBD	2301		Central Ave
Q's Halala Chicken (used to be Kabob Central)	Restaurant	M	2306		Central Ave
Alameda Wine Company	Food	L	2315		Central Ave

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Alameda Theatre & Cineplex	Movie Theater	H	2317		Central Ave
TROY (inspect together with Pappo, Spice I am, Peet's Coffe, and PS Eatery - they all share waste storage alley).	Restaurant	H	2318	A	Central Ave
Burger Meister	Restaurant	H	2319		Central Ave
Pappo's (inspect together with Peet's Coffee, TROY, PS Eatery, and Spice I am. They all share waste storage alley).	Restaurant	H	2320		Central Ave
Viva Mexico	Restaurant	M	2327		Central Ave
Tuttimelon	Frozen Yoghurt & Ice Cream	L	2402		Central Ave
Chestnut Market	Grocer	L	1202		Chestnut St
Roosters Roadhouse	Restaurant	L	1700		Clement Ave
Soren Hansen's Woodcraft	Woodworking	L	1731		Clement Ave
CB Roofing	Contractor - yard	M	1814		Clement Ave
Brain Freeze Please	Misc.Food Store	TBD	1815		Clement Ave
Svendsens Boatwork	Boat Yard	H-NOI	1851		Clement Ave
JD Harpe (Furniture Finishing)	Woodworking	L	1910		Clement Ave
Golden Gate Sheet Metal	Metal Fabrication	L	2006		Clement Ave
Svendsens Metalworks	Metal Fabrication	M	2039		Clement Ave
Fasco Fasteners	Warehouse	L	2041		Clement Ave
Alameda Classic Auto	Auto Repair	M	2050		Clement Ave
WILLIAMS WELDING	Auto-Body/Welding	L	2056		Clement Ave
Hagstrom Properties (DB Godfrey)	Manufacturing	M	2100		Clement Ave
AMP Jenney Substation	Municipal-Utility Yard	M	2179		Clement Ave
Dutra Construction	Boat - Marine Services	M - NOI	2199		Clement Ave
Extra Space Storage	Storage	L	2201		Clement Ave
Kantors	Warehousing	L	2250		Clement Ave
Alameda Collision Repair #3?? (used to be Miracle Auto Body)	Auto Body/Paint	TBD	2307		Clement Ave
CJ'S	Manufacturing - metal	L	2318		Clement Ave
FOSS UPHOLSTERY	Auto Repair - Upholstery	L	2318		Clement Ave
EMMANUELS MUFFLERS	Auto Repair	M	2413		Clement Ave
Carrol Construction	Contractor - yard	M	2517		Clement Ave
Alameda Hospital	Food -institutional	M	2070		Clinton
Golf Course Maintenance Yard	Municipal	H	1		Clubhouse Memorial Dr
Jim's on the Course	Restaurant	M	1		Clubhouse Memorial Dr
ALAMEDA AUTO CARE CENTER (inspect together with Tony's Motor Service 1800 Park Street)	Auto Repair	H	2405		Eagle Ave
Alameda Auto Upholstery	Manufacturing - Upholstery	M	2406		Eagle Ave
Little Joe Express	Restaurant	L	1410		Encinal Ave
Jays Coffee	Restaurant	L	1414		Encinal Ave
A-1 Market	Grocer	L	1420		Encinal Ave

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Marti's Place	Restaurant	L	1905		Encinal Ave
Blue Dot Café & Coffee House	Restaurant	L	1910		Encinal Ave
Encinal Nursery	Nursery	L	2057		Encinal Ave
Kobe-Ya	Restaurant	M	2300		Encinal Ave
Café Q	Restaurant	M	2302		Encinal Ave
Sidestreet Pho	Restaurant	M	2304		Encinal Ave
Hang Ten Boiler	Restaurant	M	2306	A	Encinal Ave
T SWEET T DBA TAPIOCA EXPRESS	Restaurant	M	2306	B	Encinal Ave
Kentucky Fried Chicken	Restaurant - fast food	M	2424		Encinal Ave
Alameda Cellars Wines & Liquor	Grocer	L	2425		Encinal Ave
Herbs and Spices Catering (was Shays Café)	Catering	L	2711		Encinal Ave
Bluefin Sushi Thai	Restaurant	M	3211	A	Encinal Ave
ENCINAL MARKET incl. Joe Scalise Meat	Grocer	M	3211		Encinal Ave
Au Lait	Restaurant	L	3215	D	Encinal Ave
Follow Charlie Car Wash	Auto Wash	M	1700		Everett St
ALAMEDA AUTO Body	Auto Body	M	1814		Everett St
TED AND JOES TOWING	Auto Tow	M	1901		Everett St
EMO'S AUTOMOTIVE	Auto Repair	L	1912		Everett St
Alameda Collision Repair (#2) also dba Ventura Auto Repair	Auto Body/Paint	M	1925		Everett St
Marina Garden Nursing Center	Food - Institutional	L	3201		Fernside Boulevard
BAY SHIP AND YACHT CO.	Boat - Marine Services	M	1450		Ferry Point
NRC Environmental facility #2	Contractor Yard	M	1610		Ferry Point
NAVIGATOR SYSTEMS	Woodworking	M	1800		Ferry Point
Animal Shelter-Pound	Municipal - Animal	M	1590		Fortmann Way
City of Alameda Maintenance Yard	Municipal	H	1616		Fortmann Way
AMP Center	Municipal	H	2000		Grand St
Pennzoil	NOI	H-NOI	2015		Grand St
City Central Garage	Municipal	H	2040		Grand St
Salty Dog Café LLC	Restaurant/Snack Bar	TBD	2099		Grand St
Wall Street Café	Restaurant	L	1411		Harbor Bay Pkwy
Peet's Coffee & Tea	Manufacturing	M	2001		Harbor Bay Pkwy
High Street Station	Food - coffee	L	1303		High St
High Street Market (used to be Bonfare Market)	Grocer	L	1505		High St
EUROPEAN AUTO REPAIR	Auto Repair	L	1928		High St
Alameda Municipal Power - East Transition facility	Municipal	L	2020		High St
Water's Edge Lodge	Food - Institutional	M	801		Island Dr
SAFEWAY	Grocer	M	867		Island Dr
Subway #48043 (used to be Vegetarian Catering - L-priority)	Restaurant	L	871	C	Island Dr

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Angelfish	Restaurant	L	883	C	Island Dr
Coffee & Tea Traders	Coffee Shop	L	883	B2	Island Dr
China Villa (used to be Harbor View Chinese)	Restaurant	M	891	A	Island Dr
La Penca Azul	Restaurant	M	891	B	Island Dr
La Vals Pizza	Restaurant	L	891	E	Island Dr
Reliable Marine Electronics	Boat - Marine Services	L	1925		Lafayette Ave
Golden Seven	Grocer	M	500		Lincoln Ave
Dragon Village	Restaurant	M	642		Lincoln Ave
Pacific Car Rental	Auto Rental	M	712		Lincoln Ave
Ralph's Market	Grocer	L	801		Lincoln Ave
EZ Liquors #2	Grocer	L	901		Lincoln Ave
El Caballo Wraps	Restaurant	L	1108		Lincoln Ave
Sumiko Deli/Café	Restaurant - Deli	L	1118		Lincoln Ave
Royal Auto Repair	Auto Repair	M	1127		Lincoln Ave
Market Spot Meat & Deli	Grocer	L	1200		Lincoln Ave
Dominos Pizza	Restaurant	L	1215		Lincoln Ave
Sampaguita Fil-Am Cuisine	Restaurant	L	1216		Lincoln Ave
New Richs Market	Grocer	L	1543		Lincoln Ave
GRAND MARKET	Grocer	L	1702		Lincoln Ave
Alameda Grocery	Grocer	L	2001		Lincoln Ave
Lincoln Market	Grocer	L	2070		Lincoln Ave
Acapulco	Restaurant	H	2100		Lincoln Ave
New Bamboo Kitchen	Restaurant	L	2105		Lincoln Ave
Alameda Auto Center	Auto Repair - smog only	M	2267		Lincoln Ave
SEVEN ELEVEN	Grocer	L	2301		Lincoln Ave
Gim's Chinese Kitchen	Restaurant	M	2322		Lincoln Ave
Jim's Coffee Shop	Restaurant	H	2333		Lincoln Ave
Cardel Catering (inspect with Speisekammer; facility stores waste containers in Speisekammer's parking lot and shares used oil container at Speisekammer)	Caterer	M	2404		Lincoln Ave
Speisekammer	Restaurant	H	2424		Lincoln Ave
Oil Changers	Auto Repair	M	2425		Lincoln Ave
Cliff's Automotive/Bill Botts Car Detail	Auto Repair-Wash	M	2429		Lincoln Ave
Hometown Donuts	Food - bakery	L	1930	#1	Main St
Monkey Thai	Restaurant	L	1930	#3	Main St
Ploughshares Nursery	Nursery	M	2701		Main St
Bayship & Yacht Co.	Boat Yard - NOI	H-NOI	2900		Main St
Marine Express	Boat - Marine Services - NOI	H-NOI	2900		Main St

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Rosenblum Winery	Wine Tasting Room	M	2900		Main St
Maitland Market & Deli	Grocer	L	105-109		Maitland Dr
Yo Sushi (inspect Fall FY 15/16 when re-inspecting Marina Village Shopping Center)	Restaurant	H	807		Marina Village Pkwy
Lucky's Super Market	Grocer	M	815		Marina Village Pkwy
Mint Leaf Vietnamese Restaurant	Restaurant	M	831		Marina Village Pkwy
Xing Yuan Chinese Restaurant (used to be Magic Wok)	Restaurant	M	839		Marina Village Pkwy
Subway Sandwiches	Restaurant - deli	L	843		Marina Village Pkwy
L & L Hawaiiina Barbecue (inspect together with Gourmet Burritos as they share used oil storage area).	Restaurant	L	845		Marina Village Pkwy
Marina Village Shopping Center - Reinspect Fall 2015 (Property Manager Sperry Commercial: Amy Dender phone: (916) 921-1446; email: amy.dender@sperrycre.com)	Retail/Shopping Center	H	845		Marina Village Pkwy
Gourmet Burritos (inspect together with L&L Hawaiian Barbecue 845 Marina Village)	Restaurant	H	853		Marina Village Pkwy
Certified Tire & Service Centers	Auto Repair	H	861		Marina Village Pkwy
Carls Jr.	Restaurant - fast food	M	871		Marina Village Pkwy
Straw Hat Pizza	Restaurant	L	901		Marina Village Pkwy
Waterfront Deli	Restaurant - deli	L	1070	#105	Marina Village Pkwy
AC3	Contractor - yard	L	2394		Mariner Sq Dr
Barnhill Marina and Storage	Boat - Marine Services	L	2394		Mariner Sq Dr
Mariner Square Dry Stack	Boat - Marine Services	L	2415		Mariner Sq. Dr
Pasta Pelican	Restaurant	M	2455		Mariner Sq. Dr.
Green Fare Café ( used to be Thai Expressions Café)	Restaurant	TBD	2227		Mariner Sq. Loop
Harbor Bay 76 Service	Auto Service/Repair	M	3255		McCartney Rd
Engine Works	Auto Repair	M	1923		Minturn
DCPLLC	Metalworking	M	1701		Monarch St
American Bus Repair	Auto Body/Paint	M	2301		MONARCH ST
Rockwall Wine Company	Manufacturing - Wine	H	2301	300	Monarch St
Woodmasters	Woodworking	L	2400		MONARCH ST
Building 43 Winery		M	2440		Monarch St
Watertight Restoration	Boat - Building and Repair	M	2440		Monarch St
Pacific Fine Foods	Food-catering	L	2480		MONARCH ST
Faction Brewing Company, LLC	Manufacturing - Beer	M	2501	200	Monarch St
Proximo Spirits/St George's	Manufacturing	M	2601		Monarch St
ABB Concise	Manufacturing/Warehousing	M	1750	150	North Loop Road
Ion System (was MKS)	Manufacturing	L	1750	100	North Loop Road

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Why Cook?	Restaurant	L	1750	125	North Loop Road
Pacific Rim Produce	Warehousing	H	1950		North Loop Road
Semifreddi's	Manufacturing/Bakery	M	1980		North Loop Road
Donsuemor Inc.	Bakery	L	2080		North Loop Road
World's Best Cheeses West, Inc.	Food Retail	L	2200		North Loop Road
SKS DIE CASTING	Manufacturing - metal	M-NOI	1849		Oak St
NRC Environmental facility #1	Contractor - environmental	M	1750		Orion St
Sustainable Technologies	Environmental Construction	M	1800		Orion St
Burger King	Restaurant - fast food	M	2200		Otis Dr
Safeway Fuel Station #2708	Auto Service Station	M	2234		Otis Dr
S & K Auto	Auto Repair	M	650		Pacific Ave
Clubhouse Bar & Grill (@ Harbor Bay Health Club)	Restaurant	L	200		Packet Landing Rd
BIG O TIRES	Auto Repair	M	1200		Park St
Yojimbo Sushi	Restaurant	M	1221		Park St
The Original Red Onion	Restaurant	M	1222		Park St
Julie's Coffee	Food - coffee	L	1223		Park St
Alameda Bagel & Donuts (used to be A N Y Bagel Boy also know as BoogieWoogieBagel Boy)	Food - bakery	L	1227		Park St
Mama Rose's Recipes & Fire Den Bar & Grill - INSPECT JOINTLY	Restaurant	M	1231		Park St
Doggy-Style Hot Dogs	Restaurant - Hot Dogs	L	1234		Park St
Woori Market	Grocer	L	1241		Park St
Dimitra's Sandwiches To Go	Restaurant - deli	L	1251		Park St
Jack in the Box	Restaurant - fast food	H	1257		Park St
Arco AM/PM	Auto Service/Repair	H	1260		Park St
Scolaris Good Eats	Restaurant	L	1303		Park St
INJERA Restaurant	Restaurant	TBD	1305		Park St
The Hob Nob	Restaurant	L	1313		Park St
Monkey King Pub & Grub	Restaurant	L	1315		Park St
Angkor Grill Cambodian Bistro	Restaurant	M	1319		Park St
Bambu Desserts & Drinks	Food - desserts, café	L	1321		Park St
Juanita's Restaurant	Restaurant	H	1324		Park St
Bowzer's Pizza (inspect together with Yellow Tail & C'era una Volta since they share garbage area)	Restaurant	M	1330	B	Park St
C'era Una Volta (inspect together with Bowzer's Pizza & Yellow Tail since they share garbage area)	Restaurant	L	1332	D	Park St

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Yellow Tail Japanese Bistro (inspect together with Bowzer's Pizza & C'era una Volta since they share garbage area)	Restaurant	M	1332	C	Park St
Blue Danube Coffeehouse (used to be Java Rama Coffee House)	Food - coffee	L	1333		Park St
Yogofina Frozen Yogurt	Frozen Yoghurt & Ice Cream	L	1335		Park St
Flavors of India	Restaurant	M	1337		Park St
Tomatina	Restaurant	L	1338		Park St
Teazzert	Restaurant/Snack Bar	TBD	1342		Park St
Burma Superstar	Restaurant	M	1345		Park ST
Tuckers Ice Cream	Food - dairy	L	1349		Park St
Spice I am (inspect together with TROY, Peet's Coffee, Spice I am, and Pappo's; they all share waste storage area)	Restaurant	H	1353		Park St
House of Bagels	Restaurant	L	1362		Park St
PS Eatery (Inspect together with Pappo's, TROY, Peet's Coffe, and Spice I am. They all share waste storage alley)	Restaruant	H	1363		Park St
Starbucks Coffee	Food - coffee	L	1364		Park St
Peet's Coffee & Tea (inspect together with TROY, Pappo's, PS Eatery, and Spice I Am; they all share waste storage area).	Food - coffee	H	1365		Park St
Capone's Speakeasy	Restaurant	M	1400		Park St
Pampered Pup	Restaurant	L	1401		Park St
Ark North Chinese	Restaurant	M	1405		Park St
Subway	Restaurant - deli	L	1407		Park St
Lola's Chicken Shack, LLC	Restaurant	M	1417		Park St
Hong Kong City	Restaurant	L	1425		Park St
Yume Sushi	Restaurant	L	1428		Park St
Quickly (inspect together with China House 2328 Santa Clara Ave and Toomies Tha 1433 Park)	Food - Juice Bar	H	1431	A	Park St
Toomie's Thai Cuisine (Inspect together with Quickly 1431 Park St and China House 2328 Santa Clara Ave)	Restaurant	H	1433		Park St
Pho Sinh Restaurant (used to be Panda)	Restaurant	M	1434		Park St
La Penca Azul	Restaurant	H	1440		Park St
Wine & Waffles (inspect together with Ole's Waffle Shop - SAME OWNER)	Restaurant	L	1505		Park St
Linguini's (inspect with Habana Cuban Cuisine)	Restaurant	M	1506		Park St
Ole's Waffle Shop	Restaurant	M	1507		Park St
Island Taqueria (Bonnie's Southern BBQ already closed/folded; used to be Alameda Taqueria)	Restaurant	L	1513		Park St
Habana Cuban Cuisine (inspect with Linguini's)	Restaurant	M	1518		Park St
Alameda Grill (inspect with Linguini's; facility shares/uses used oil container with Linguini's & Habanas)	Restaurant	M	1520		Park St

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
New York Pizza	Restaurant	L	1528		Park St
Genghis Khan Kitchen	Restaurant	L	1540		Park St
Union 76	Auto Service/Repair	M	1541		Park St
Central Vegetarian	Restaurant	L	1613		Park St
Smash Burger	Restaurant	TBD	1620		Park St
Better Trade Discount	Convenient Store	L	1623		Park St
Thai Noodle House (used to be King of Thai Noodles)	Restaurant	M	1635		Park Street
Car Care Service	Auto Repair	L	1639		Park St
Taste at McGee's	Restaurant	L	1645		Park St
The Marketplace - Inspection covers the following bsns as common waste storage/parking area is managed by property owner: Alameda Natural Grocery, Baron's Meat, Beanery Coffee Co, Ching Hua, Feel Good Bakery, Sushi King, East End Pizza Company, Baron's Eats	Grocer - marketplace with gou	M	1650		Park St
Crispian Bakery	Bakery	TBD	1700	120	Park St
CHEVRON OIL COMPANY	Auto Repair	M	1701		Park St
Alameda Island Brewing Company	Brewery	TBD	1716		Park ST
German Auto Service	Auto Repair	M	1719		Park St
Alameda Valero	Auto Service/Repair	M	1725		Park St
Speedy Smog	Auto Repair - smog only	M	1726		Park St
Tony's Motor Service (Inspect together with Alameda Auto Care Center on 2405 Eagle Ave)	Auto Repair	M	1800		Park St
Diamond Auto Sales (used to be on 1926 Park Street)	Auto Sales	M	1801		Park St
MA TRADING LLC (used to be SEE MO CARS)	Auto Sales	TBD	1812		Park St
Auto Enhancers	Auto Dealer	TBD	1825		Park St
Gold Coast	Restaurant	M	1901		Park St
ALAMEDA COLLISION REPAIR	Auto Repair	M	1911		Park St
Alameda Transmission Service	Auto Repair	L	1919		Park St
Ventura (was Park St.) Automotive Service	Auto Repair	M	1907-09		Park Street
AMP Runway Pole Yard	Municipal - Utility Yard	L	1111		Perimeter Way
College of Alameda Autoshop	Auto Repair	M	555		Ralph Appezato Memorial
Fresh & Natural	Restaurant/Snack Bar	TBD	555		Ralph Appezato Memorial
Santoro's Italian Market	Grocer	L	475		Santa Clara Ave
Santa Clara Market	Grocer	L	846		Santa Clara Ave
Zen	Restaurant	L	2315		Santa Clara Ave

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Jonathan's Sandwich shop	Restaurant	L	2316		Santa Clara Ave
American Oak (used to be Barceluna Café)	Restaurant	L	2319		Santa Clara Ave
Fruitti Yogi	Food - dairy	L	2321		Santa Clara Ave
China House (Inspect together with Quickly 1431 Park St and Toomies Thai Cuisine 1433 Park St.)	Restaurant	H	2328		Santa Clara Ave
Café Fudgelato	Café	L	2353		Santa Clara Ave
Sakura Café & Sushi	Restaurant	M	2408		Santa Clara Ave
JERRYS TIRE AND AUTO	Auto Repair	M	2501		Santa Clara Ave
Asena	Restaurant	L	2508		Santa Clara Ave
Mei Mei Inc.	Restaurant	L	2522		Santa Clara Ave
Alameda Grocery	Grocer	TBD	2536		Santa Clara Ave
Kamakura Restaurant	Restaurant	L	2549		Santa Clara Ave
Mc Donalds	Restaurant - fast food	M	2239		Shoreline Dr
South Shore Carwash	Auto Wash	H	2351		Shoreline Dr
Sushi House	Restaurant	M	2375		Shoreline Dr
Frito Lay	Manufacturing - warehousing	H-NOI	1460		South Loop Rd
Abbott Diabetes Care	Manufacturing - Laboratory	M-NOI	1360-1380		South Loop Rd
South Shore Café	Restaurant	M	531	W	South Shore Center
South Shore Liquor	Food - retail	L	549		South Shore Center
Best Li'l Porkhouse	Restaurant	M	2201	D	South Shore Center
China Gourmet	Restaurant	L	2210	H	South Shore Center
Starbucks Coffee	Food - coffee	L	2210	J	South Shore Center
Subway 49111	Food - deli	L	2212		South Shore Center
Bagel Street Café	Restaurant/Snack Bar	TBD	2212	F	South Shore Center
Trabocco Kitchen	Restaurant	L	2213		South Shore Center
Trader Joe's	Grocer	M	2217		South Shore Center
Safeway	Grocer	M	2227		South Shore Center
Fruits & Chocolate	Food - Cafe	L	2228	B	South Shore Center
Panera Bread	Restaurant	L	2249		South Shore Center
Five Guys Burgers	Restaurant	M	2254		South Shore Center
Applebee's	Restaurant	L	2263		South Shore Center
Loard's Ice Cream	Food - dairy	L	2265		South Shore Center
Jamba Juice	Food - Juice bar	L	2306		South Shore Center
Daphne's Greek Café	Restaurant	L	2308		South Shore Center
Petco	Retail - Pet Store	M	2310		South Shore Center
Chipotle Mexican Grill#1206	Restaurant	L	2314		South Shore Center
Fink's Automotive (used to be Complete Automotive Repair Service)	Auto Repair	L	2326		Times Way
Delta Sandblasting	Boat - Industrial painting	H	1501		Viking St

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Power Engineering	Contractor - Yard	M	1501		Viking St
Alameda Municipal Power - Viking St Pole Yard		M	1890		Viking St
Sandwich Board	Food - deli	L	2412		Webb Ave
1400 Bar & Grill	Restaurant	M	1400		Webster St
UP 2U THAI EATERY	Restaurant	L	1405		Webster St
Domenico's Deli	Food - deli	L	1407		Webster St
Yokohama	Restaurant	M	1427		Webster St
Santos Liquor	Grocer	L	1431		Webster St
Nation's Burgers	Restaurant	H	1432		Webster St
Calafia Taqueria	Restaurant	M	1445		Webster St
Katsu Sushi	Restaurant	L	1465		Webster St
Café Jolie	Coffee Shop	L	1500		Webster St
Kapok Seafood Restaurant	Restaurant	H	1511		Webster St
Fiesta	Restaurant	M	1514		Webster St
Wescafe 2	Restaurant	M	1518		Webster St
Aljazeera Market - Island Market	Grocer	L	1525		Webster St
Tu Tai 2	Restaurant	L	1531		Webster St
Wescafe Creamery	Restaurant - Café	L	1536		Webster St
O CONNELL VOLVO	Auto Repair	L	1537		Webster St
Alameda Pizza	Restaurant	L	1538		Webster St
Fortune Cookie	Restaurant	L	1540		Webster St
Alberts Café	Restaurant	L	1541		Webster St
CHICHA Tapas & Bistro Bar	Restaurant	L	1544		Webster St
Aria Supermarket	Grocer	L	1552		Webster St
Shell of Alameda	Auto Service/Repair	H	1601		Webster St
CookieBar	Restaurant	L	1606		Webster St
Star Donut	Food - bakery	L	1608		Webster St
Otaez Mexican Restaurant	Restaurant	L	1619		Webster St
Subway Sandwiches Note: inspect together with Wienerschnitzel (1708 Webster) as they share parking, waste enclosure, and seating area.	Restaurant - deli	M	1700		Webster St
Wienerschnitzel s Note: inspect together with Subway (1700 Webster) as they share parking, waste enclosure, and seating area.	Restaurant - fast food	M	1708		Webster St
East Ocean Restaurant	Restaurant	L	1713		Webster St
UNION 76	Auto Service/Repair	H	1716		Webster St
Kitchen of Alameda (used to be Mama's Chicken Noodle)	Restaurant	M	1727		Webster St
Better Buy Liquor	Grocer	L	1801		Webster St
Chevron on Webster	Auto Service/Repair	H	1802		Webster St

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Chef's Wok	Restaurant	M	1821		Webster St
Alameda Oakland Tire	Auto Repair	M	1825		Webster St
Jack in the Box	Restaurant - fast food	H	1826		Webster St
Taco Bell	Restaurant - fast food	M	1900		Webster St
Bucket O' Crawfish	Restaurant	M	1919		Webster St
Alameda Municipal Power - Cartwright Substation	Municipal	M	90		West Atlantic
Alameda Import Automotive, LLC	Auto Service/Repair	M	50		West Hornet
CSI Mini Storage	Storage	M	51		West Hornet
Floating Lettuce	Specialty Foods	TBD	151		West Seaplane Lagoon
Whisk Cake Creations	Bakery/Retail	TBD	151		West Seaplane Lagoon
Wonky Kitchen LLC and Oaktown Jerky	Kitchen - commissary	M	151	119	West Seaplane Lagoon
PUGLIA ENGINEERING	Boat - Marine Services	M	400		West Seaplane Lagoon
Conmar\Fribel	Manufacturing	M	451		West Seaplane Lagoon
Hangar 40 (at Bladium)	Restaurant - grill	L	800	Bld 40	West Tower
GroupDelphi Productions	Manufacturing	L	950		West Tower
Crown Bay Convalescent	Food - institutional	M	508		Westline Drive
SAFEWAY #3281 FUEL STATION	Fueling Station	TBD	501		WILLIE STARGELL AVE
In-N-Out Burgers	Restaurant	TBD	555		WILLIE STARGELL AVE
Alameda Health Care & Wellness Center	Food - institutional	M	430		Willow
Bayview Rehab Center (was Kindred Bayview)	Food - institutional	M	516		Willow
Alameda Hospital South Shore Skilled Nurisng Center	Food - institutional	H	625		Willow
Mach 1 Waterjet - inspect together with Schaffer Motor Works	Manufacturing	M	1924		Willow St
Schaffer MotorWorks (was Metropolis Metalworks)	Manufacturing -metal	M	1924		Willow St
New Businesses to be assessed FY 15/16					

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection List

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
SAFEWAY INC. 3281	Grocer	TBD	2600		5th Street
Chipotle Mexican Grill#02384	Restaurant	TBD	2610	A	5th Street
Cream	Misc.Food Store	TBD	2630	A	5th Street
Panda Express Inc.	Restaurant	TBD	2630	D	5th Street
Habit Burger Grill	Restaurant	TBD	2640	A	5th Street
Yoghurtland	Restaurant/Snack Bar	TBD	2640	B	5th Street
Michaels	Arts & Craft Supplies	TBD	2650	A	5th Street
Shiransoni	Restaurant	TBD	2660	A	5th Street
Sharetea	Restaurant/Snack Bar	TBD	2670	C	5th Street
SPIN Neapolitan Pizza	Restaurant	TBD	2670	A	5th Street
Famous Dave	Restaurant	TBD	2690	A	5th Street
Bobac Warehousing	Warehousing	H	300		A Avenue
The Boat Yard at Grand Marina	Boat Yard	H-NOI	2021		Alaska Packers Place
Dragon Rouge	Restaurant	H	2337		Blanding Ave
Blanding Auto Repair	Auto Repair	M	2338		Blanding Ave
Nob Hill Gas station	Auto Service/Repair	M	2681		Blanding Ave
ALAMEDA AUTO LAB	Auto Repair	M	631		Buena Vista Ave
SEVEN ELEVEN	Grocer	H	639		Buena Vista Ave
India Palace	Restaurant	M	737		Buena Vista Ave
Lee's Donuts	Food - bakery	L	660	B	Central Ave
Croll's Pizza	Restaurant	M	705		Central Ave
McDonalds	Restaurant - fast food	M	715		Central Ave
Spritzers	Food - Café	L	734		Central Ave
Valero Service Station	Auto Service/Repair	H	1310		Central Ave
Café Central	Restaurant	L	2300		Central Ave
Dan's Fresh Produce	Grocer	L	2300		Central Ave
Alameda Cinema Grill	Restaurant	TBD	2301		Central Ave
Q's Halala Chicken (used to be Kabob Central)	Restaurant	M	2306		Central Ave

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection List

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Alameda Theatre & Cineplex	Movie Theater	H	2317		Central Ave
TROY (inspect together with Pappo, Spice I am, Peet's Coffe, and PS Eatery - they all share waste storage alley).	Restaurant	H	2318	A	Central Ave
Burger Meister	Restaurant	H	2319		Central Ave
Pappo's (inspect together with Peet's Coffee, TROY, PS Eatery, and Spice I am. They all share waste storage alley).	Restaurant	H	2320		Central Ave
Soren Hansen's Woodcraft	Woodworking	L	1731		Clement Ave
Brain Freeze Please	Misc.Food Store	TBD	1815		Clement Ave
Svendsens Boatwork	Boat Yard	H-NOI	1851		Clement Ave
Alameda Classic Auto	Auto Repair	M	2050		Clement Ave
Alameda Collision Repair #3?? (used to be Miracle Auto Body)	Auto Body/Paint	TBD	2307		Clement Ave
EMMANUELS MUFFLERS	Auto Repair	M	2413		Clement Ave
Golf Course Maintenance Yard	Municipal	H	1		Clubhouse Memorial Dr
ALAMEDA AUTO CARE CENTER (inspect together with Tony's Motor Service 1800 Park Street)	Auto Repair	H	2405		Eagle Ave
Alameda Auto Upholstery	Manufacturing - Upholstery	M	2406		Eagle Ave
Little Joe Express	Restaurant	L	1410		Encinal Ave
Encinal Nursery	Nursery	L	2057		Encinal Ave
Kentucky Fried Chicken	Restaurant - fast food	M	2424		Encinal Ave
ENCINAL MARKET incl. Joe Scalise Meat	Grocer	M	3211		Encinal Ave
Follow Charlie Car Wash	Auto Wash	M	1700		Everett St
ALAMEDA AUTO Body	Auto Body	M	1814		Everett St
TED AND JOES TOWING	Auto Tow	M	1901		Everett St
Alameda Collision Repair (#2) also dba Ventura Auto Repair	Auto Body/Paint	M	1925		Everett St
BAY SHIP AND YACHT CO.	Boat - Marine Services	M	1450		Ferry Point
NAVIGATOR SYSTEMS	Woodworking	M	1800		Ferry Point
Animal Shelter-Pound	Municipal - Animal	M	1590		Fortmann Way
City of Alameda Maintenance Yard	Municipal	H	1616		Fortmann Way
AMP Center	Municipal	H	2000		Grand St
Pennzoil	NOI	H-NOI	2015		Grand St
City Central Garage	Municipal	H	2040		Grand St
Salty Dog Café LLC	Restaurant/Snack Bar	TBD	2099		Grand St
Peet's Coffee & Tea	Manufacturing	M	2001		Harbor Bay Pkwy
High Street Station	Food - coffee	L	1303		High St
La Penca Azul	Restaurant	M	891	B	Island Dr
Dragon Village	Restaurant	M	642		Lincoln Ave
Pacific Car Rental	Auto Rental	M	712		Lincoln Ave
Acapulco	Restaurant	H	2100		Lincoln Ave

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection List

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Gim's Chinese Kitchen	Restaurant	M	2322		Lincoln Ave
Jim's Coffee Shop	Restaurant	H	2333		Lincoln Ave
Speisekammer	Restaurant	H	2424		Lincoln Ave
Cliff's Automotive/Bill Botts Car Detail	Auto Repair-Wash	M	2429		Lincoln Ave
Bayship & Yacht Co.	Boat Yard - NOI	H-NOI	2900		Main St
Marine Express	Boat - Marine Services - NOI	H-NOI	2900		Main St
Rosenblum Winery	Wine Tasting Room	M	2900		Main St
Maitland Market & Deli	Grocer	L	105-109		Maitland Dr
Yo Sushi (inspect Fall FY 15/16 when re-inspecting Marina Village Shopping Center)	Restaurant	H	807		Marina Village Pkwy
Lucky's Super Market	Grocer	M	815		Marina Village Pkwy
Mint Leaf Vietnamese Restaurant	Restaurant	M	831		Marina Village Pkwy
Xing Yuan Chinese Restaurant (used to be Magic Wok)	Restaurant	M	839		Marina Village Pkwy
L & L Hawaiiina Barbecue (inspect together with Gourmet Burritos as they share used oil storage area).	Restaurant	L	845		Marina Village Pkwy
Marina Village Shopping Center - Reinspect Fall 2015 (Property Manager Sperry Commercial: Amy Dender phone: (916) 921-1446; email: amy.dender@sperrycre.com)	Retail/Shopping Center	H	845		Marina Village Pkwy
Gourmet Burritos (inspect together with L&L Hawaiian Barbecue 845 Marina Village)	Restaurant	H	853		Marina Village Pkwy
Certified Tire & Service Centers	Auto Repair	H	861		Marina Village Pkwy
Green Fare Café ( used to be Thai Expressions Café)	Restaurant	TBD	2227		Mariner Sq. Loop
American Bus Repair	Auto Body/Paint	M	2301		MONARCH ST
Rockwall Wine Company	Manufacturing - Wine	H	2301	300	Monarch St
ABB Concise	Manufacturing/Warehousing	M	1750	150	North Loop Road
Ion System (was MKS)	Manufacturing	L	1750	100	North Loop Road
Pacific Rim Produce	Warehousing	H	1950		North Loop Road
Semifreddi's	Manufacturing/Bakery	M	1980		North Loop Road
SKS DIE CASTING	Manufacturing - metal	M-NOI	1849		Oak St
Sustainable Technologies	Environmental Construction	M	1800		Orion St
Burger King	Restaurant - fast food	M	2200		Otis Dr
Safeway Fuel Station #2708	Auto Service Station	M	2234		Otis Dr
Clubhouse Bar & Grill (@ Harbor Bay Health Club)	Restaurant	L	200		Packet Landing Rd
Yojimbo Sushi	Restaurant	M	1221		Park St
The Original Red Onion	Restaurant	M	1222		Park St
Julie's Coffee	Food - coffee	L	1223		Park St
Jack in the Box	Restaurant - fast food	H	1257		Park St

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection List

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Arco AM/PM	Auto Service/Repair	H	1260		Park St
INJERA Restaurant	Restaurant	TBD	1305		Park St
Angkor Grill Cambodian Bistro	Restaurant	M	1319		Park St
Juanita's Restaurant	Restaurant	H	1324		Park St
Bowzer's Pizza (inspect together with Yellow Tail & C'era una Volta since they share garbage area)	Restaurant	M	1330	B	Park St
Yellow Tail Japanese Bistro (inspect together with Bowzer's Pizza & C'era una Volta since they share garbage area)	Restaurant	M	1332	C	Park St
Flavors of India	Restaurant	M	1337		Park St
Teazzert	Restaurant/Snack Bar	TBD	1342		Park St
Spice I am (inspect together with TROY, Peet's Coffee, Spice I am, and Pappo's; they all share waste storage area)	Restaurant	H	1353		Park St
PS Eatery (Inspect together with Pappo's, TROY, Peet's Coffe, and Spice I am. They all share waste storage alley)	Restaruant	H	1363		Park St
Peet's Coffee & Tea (inspect together with TROY, Pappo's, PS Eatery, and Spice I Am; they all share waste storage area).	Food - coffee	H	1365		Park St
Pampered Pup	Restaurant	L	1401		Park St
Subway	Restaurant - deli	L	1407		Park St
Hong Kong City	Restaurant	L	1425		Park St
Quickly (inspect together with China House 2328 Santa Clara Ave and Toomies Tha 1433 Park)	Food - Juice Bar	H	1431	A	Park St
Toomie's Thai Cuisine (Inspect together with Quickly 1431 Park St and China House 2328 Santa Clara Ave)	Restaurant	H	1433		Park St
Pho Sinh Restaurant (used to be Panda)	Restaurant	M	1434		Park St
La Penca Azul	Restaurant	H	1440		Park St
New York Pizza	Restaurant	L	1528		Park St
Smash Burger	Restaurant	TBD	1620		Park St
Crispian Bakery	Bakery	TBD	1700	120	Park St
CHEVRON OIL COMPANY	Auto Repair	M	1701		Park St
Alameda Island Brewing Company	Brewery	TBD	1716		Park ST
German Auto Service	Auto Repair	M	1719		Park St
Alameda Valero	Auto Service/Repair	M	1725		Park St
Tony's Motor Service (Inspect together with Alameda Auto Care Center on 2405 Eagle Ave)	Auto Repair	M	1800		Park St
MA TRADING LLC (used to be SEE MO CARS)	Auto Sales	TBD	1812		Park St

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection List

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Auto Enhancers	Auto Dealer	TBD	1825		Park St
ALAMEDA COLLISION REPAIR	Auto Repair	M	1911		Park St
AMP Runway Pole Yard	Municipal - Utility Yard	L	1111		Perimeter Way
College of Alameda Autoshop	Auto Repair	M	555		Ralph Appezzato Memorial
Fresh & Natural	Restaurant/Snack Bar	TBD	555		Ralph Appezzato Memorial
Santoro's Italian Market	Grocer	L	475		Santa Clara Ave
Fruitti Yogi	Food - dairy	L	2321		Santa Clara Ave
China House (Inspect together with Quickly 1431 Park St and Toomies Thai Cuisine 1433 Park St.)	Restaurant	H	2328		Santa Clara Ave
Alameda Grocery	Grocer	TBD	2536		Santa Clara Ave
Mc Donalds	Restaurant - fast food	M	2239		Shoreline Dr
South Shore Carwash	Auto Wash	H	2351		Shoreline Dr
Frito Lay	Manufacturing - warehousing	H-NOI	1460		South Loop Rd
Abbott Diabetes Care	Manufacturing - Laboratory	M-NOI	1360-1380		South Loop Rd
Bagel Street Café	Restaurant/Snack Bar	TBD	2212	F	South Shore Center
Safeway	Grocer	M	2227		South Shore Center
Fruits & Chocolate	Food - Cafe	L	2228	B	South Shore Center
Panera Bread	Restaurant	L	2249		South Shore Center
Applebee's	Restaurant	L	2263		South Shore Center
Petco	Retail - Pet Store	M	2310		South Shore Center
Delta Sandblasting	Boat - Industrial painting	H	1501		Viking St
Nation's Burgers	Restaurant	H	1432		Webster St
Calafia Taqueria	Restaurant	M	1445		Webster St
Kapok Seafood Restaurant	Restaurant	H	1511		Webster St
Tu Tai 2	Restaurant	L	1531		Webster St
Wescafe Creamery	Restaurant - Café	L	1536		Webster St
Shell of Alameda	Auto Service/Repair	H	1601		Webster St
Subway Sandwiches Note: inspect together with Wienerschnitzel (1708 Webster) as they share parking, waste enclosure, and seating area.	Restaurant - deli	M	1700		Webster St
Wienerschnitzel s Note: inspect together with Subway (1700 Webster) as they share parking, waste enclosure, and seating area.	Restaurant - fast food	M	1708		Webster St
East Ocean Restaurant	Restaurant	L	1713		Webster St
UNION 76	Auto Service/Repair	H	1716		Webster St
Kitchen of Alameda (used to be Mama's Chicken Noodle)	Restaurant	M	1727		Webster St
Chevron on Webster	Auto Service/Repair	H	1802		Webster St
Chef's Wok	Restaurant	M	1821		Webster St
Jack in the Box	Restaurant - fast food	H	1826		Webster St

City of Alameda  
Stormwater Program  
FY 2015/16 Business Inspection List

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Taco Bell	Restaurant - fast food	M	1900		Webster St
Floating Lettuce	Specialty Foods	TBD	151		West Seaplane Lagoon
Whisk Cake Creations	Bakery/Retail	TBD	151		West Seaplane Lagoon
SAFEWAY #3281 FUEL STATION	Fueling Station	TBD	501		WILLIE STARGELL AVE
In-N-Out Burgers	Restaurant	TBD	555		WILLIE STARGELL AVE
Alameda Hospital South Shore Skilled Nurisng Center	Food - institutional	H	625		Willow
Mach 1 Waterjet - inspect together with Schaffer Motor Works	Manufacturing	M	1924		Willow St
Schaffer MotorWorks (was Metropolis Metalworks)	Manufacturing -metal	M	1924		Willow St

JOIN THE CITY OF ALAMEDA FOR  
**COASTAL CLEANUP DAY**  
 HELP KEEP OUR BEACHES CLEAN



**SATURDAY, SEPTEMBER 20 • 8:30AM - NOON**  
**SIGN IN AT SHORELINE DRIVE & PARK STREET**  
 (New check-in location)

### Cleanup Checklist:

- Bring your own trash collection bucket, work gloves and reusable water bottle
- Wear sturdy, closed-toe shoes
- Kids welcome (must be accompanied by an adult if under 18)

**PRE-REGISTER BY CALLING**  
**1-888-EBPARKS (1-888-327-2757)**

### More Cleanups

These Alameda marinas are also holding Coastal Cleanup events that day starting at 9AM:

- Ballena Bay Yacht Club and Ballena Isle Marina (510) 523-5528
- Oakland Yacht Club (510) 522-6868
- Grand Marina (510) 865-1200
- Aeolian Yacht Club (510) 523-2586



- An estimated 14 billion pounds of trash, much of it plastic, is dumped into the world's oceans every year.
- Cigarette filters are the single most collected litter item at beach cleanups every year, as a result of street litter washing out to the Bay. Please dispose of cigarette filters properly.



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**GET A FREE REUSABLE BAG!** \* To get yours, complete a survey at the Clean Water Program booth. \*Supplies are limited

**FOR MORE INFORMATION CALL (510) 747-7930.**

# EARTH DAY IS EVERY DAY

Day in and day out, City of Alameda Public Works Department makes living in Alameda clean and green by treating every day like Earth Day. Take a peek at some of the ways Public Works gets smart about keeping Alameda beautiful.

**#LUVTHEBAY**  
We educate Alamedans about simple things they can do to prevent polluting the Bay. Check out our mosaic of people who support a litter-free SF Bay at [luvthebay.org](http://luvthebay.org).

**WE RECYCLE TO CONSERVE WATER**  
Every gallon of water counts, especially in a drought. Recycling one ton of paper saves 7,000 gallons.

We have come up with many ways to save as many gallons as possible. See them all at [AlamedaRecycles.org](http://AlamedaRecycles.org)

**City of Alameda**  
**Public Works Department**  
*Public Works Works for You!*

Learn how you can help keep the Bay clean at [AlamedaCleanWater.org](http://AlamedaCleanWater.org)

**DON'T SPOIL ALAMEDA**  
We educate Alamedans about the importance of keeping motor oil—even a few drops—out of the Bay.

Find out how to properly recycle motor oil and filters at [RecycleUsedOil.org](http://RecycleUsedOil.org)

Get the picture — join your friends at Alameda Public Works Department and make every day Earth Day. Visit the Clean Water Program Booth at the Alameda Earth Day Festival to learn how to better protect our San Francisco Bay.



## PRESS RELEASE

July 7, 2014  
**FOR IMMEDIATE RELEASE**

Contact:  
Contact: Patrizia Guccione, Public Works  
(510) 747-7951

### **Volunteers Needed for Litter Cleanup at Alameda Point**

On Saturday, July 19, from 8:30 a.m. to noon, the City of Alameda Public Works Department's Clean Water Program, in collaboration with PM Realty Group, is sponsoring a litter cleanup day at Alameda Point. To participate, volunteers can pre-register for the event at [www.alamedapointcleanup2014.eventbrite.com](http://www.alamedapointcleanup2014.eventbrite.com) or sign up the morning of the cleanup at the registration tables at the Shoreline parking lot on Main Street, west of the dog park. Please wear sturdy, closed-toe shoes, and bring your own reusable bucket or bag and work gloves. Volunteers under the age of 18 must be accompanied by an adult.



Litter is a major cause of water pollution in the Bay Area. Trash travels down the storm drains where it enters and pollutes the Bay. In addition to degrading neighborhoods, litter adversely affects fish, wildlife, and aquatic habitats. Participating in the community cleanup is a great way to help prevent Bay and ocean pollution as well as meet your neighbors and show community support.

The City of Alameda's Public Works Department's Clean Water Program fosters appreciation of the local environment, inspiring people to do their part to prevent storm water runoff and litter pollution during everyday activities. Learn more about pollution prevention and the Clean Water Program at [www.alamedaca.gov/go-green/green-water](http://www.alamedaca.gov/go-green/green-water). For more information, please contact Patrizia Guccione at [pguccion@alamedaca.gov](mailto:pguccion@alamedaca.gov) or 510-747-7951.

#####

# I pledge to use my reusable bags.

Please sign your name below:

Juciana Tener

Oh Nile

Olga

Redmond

Margaret Gannon

Alvin Barr

Tru Mack

Stella Gwep

Lashonda Knox

Declan

Monica Hyde

Susan Ramos

Miguel

Roxanna Apodaca

Lucinda Celenn

Isabella Garibay



cleanwater PROGRAM

OPWA

Ronces Bolk



# I pledge to use my reusable bags.

Please sign your name below:

John [Signature]

Emily Macadam

Marta Ramirez

Lisa Fong

[Signature]

Sharon E Ross

Haley  
Ely Postler

Sze Jin Ho

Deb Balot

[Signature]

Leo Richards

Cathy Hong

[Signature] Katie

[Signature]  
[Signature]

Carol Kuehl

Marina D Ilyin

Munni Biswas

Zehra Fatima

Vilva Santos

Edgar Montez Maximilian

Pick [Signature]

Carmen Obial

Ruby Reynolds

Maria Garcia

Bob Thegor

[Signature]

[Signature]

[Signature]

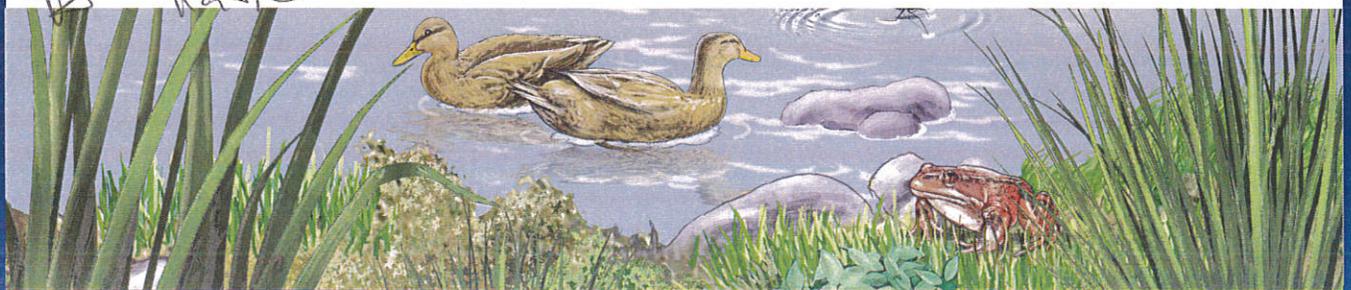
[Signature]

Cumilo

Casey



cleanwater PROGRAM



# I pledge to use my reusable bags.

Please sign your name below:

Autal Kees

Salvador Reynard

Mike Fish

LOPEZ, ROMEO C.

Joni Kwan

Carina de Cuzman

Jenna Graves

CRAIG ZIMMERMAN

Marcia Zimmerman

RAMON QUINTERO

Cyndi Baker

Matt Casper

Quel M. Young

Frankie

Frankie

Tamika Edwards

Mike S

ASILLQ

Kristine Cruz



# I pledge to use my reusable bags.

Please sign your name below:

*Affinity*

*Slmf.*

Thane

Janeth Corbalto.

Rahmat Sidi

*Red Wilson*

PILAR BALONG

Priscilla Robles

TERESA Coleman [theresalynncoleman@yahoo.com](mailto:theresalynncoleman@yahoo.com)



cleanwater  
PROGRAM



Farmers Market 7/15/14

I pledge to reduce litter  
by making reusables  
part of my daily routine.

Please sign your name below:

Jennifer Scott

David, M

Natalie

Adanna

Ken

Karen

Lucio

Tasmine

Nolan

Ania

Alejandro

Alison <sup>Payton</sup> Logan

Sebastian Claire

Belen

Bente Peterson Ian W

Joshua KALI

Jackson

Ambrey H



Farmer Market 7/15/14

**FARMER'S MARKET SURVEY**  
**August 26, 2014**

Total Surveys Received: 47

1	What is your Zip Code?								
	1	19565							
	26	94501							
	8	94502							
	2	94565							
	2	94601							
	1	94608							
	1	94609							
	2	94610							
	1	94801							
	1	95321							
	1	95969							
	1	Unknown							
2	Throwing banana peels, apple cores, or your leftover sandwich from the car is <b>NOT</b> littering because these items are biodegradable.								
	9	TRUE							
	36	FALSE							
	2	Don't Know							
3	Litter on our streets has a negative impact on San Francisco Bay.								
	46	TRUE							
	1	FALSE							
		Don't Know							
4	When it rains, what happens to the cigarette butts and other litter on our streets?								
	38	Rain water carries cigarette butts/litter into storm drains that drain directly to the Bay without any treatment.							
	5	Rain water carries cigarette butts/litter into storm drains that drain to a wastewater treatment plant where trash is							
	4	Undecided/Don't Know							
5	Are you in favor of reducing litter by making reusable items part of your daily life (i.e., bring your own coffee cup or water bottle)?								
	46	Yes							
	1	No							
		Undecided							
6	True or False: <i>Stormwater Pollution</i> is the water runoff from rain and irrigation that becomes polluted as it runs over land before entering a								
	44	TRUE							
	3	FALSE							

**FARMER'S MARKET SURVEY**  
**August 26, 2014**

7	What is the Pacific Garbage Patch?								
5	A swirling mass of human-created plastic waste in the middle of the Pacific Ocean								
3	Plastic litter from our waterways carried into one general area of the Pacific Ocean by the convergence of currents.								
39	Both of the above								
8	What contributes the <u>most</u> to the Pacific Garbage Patch? Choose one:								
3	Boaters								
5	Cruise Ships								
1	Marinas								
39	Land-generated wastes that end up in our waterways.								

# MOVIE IN THE PARK

September 12, 2014

Total Surveys Received: 53

## 1 What is your zip code?

25	94501	3	94601	1	94619
11	94502	4	94602	1	94621
1	94547	1	94605	1	94705
1	94590	2	94606	2	0

## 2 Throwing banana peels, apple cores, or your leftover sandwich from the car is not littering because these items are biodegradable.

7 TRUE

46 FALSE

DON'T KNOW

## 3 Cigarette butts are often thrown from a vehicle littering the streets. When it rains, what happens to the cigarette butts and other litter on our streets?

50 Rain water carries cigarette butts/litter into storm drains that drain directly to San Francisco Bay without any treatment.

3 Rain water carries cigarette butts/litter into storm drains that drain to a wastewater treatment plant where trash is removed.

Undecided/Don't Know

## 4 Are you in favor of reducing litter by making reusable items part of your daily life (i.e., bring your own coffee cup or water bottle)?

51 YES

NO

2 UNDECIDED

## 5 True or False: *Stormwater Pollution* is the water runoff from rain and irrigation that becomes polluted as it runs over land before entering a storm drain.

47 TRUE

6 FALSE

## 6 What contributes the MOST to the Pacific Garbage Patch? Choose one:

3 Boaters

2 Cruise Ships

4 Marinas

44 Land-generated litter/wastes that end up in our waterways.

# Coastal Clean-Up

September 20, 2014

Total Surveys Received: 66

## 1 What is your zip code?

41	<b>94501</b>	1	<b>94606</b>	1	<b>94580</b>
6	<b>94502</b>	1	<b>94601</b>	2	<b>94610</b>
3	<b>94506</b>	1	<b>92595</b>	2	<b>94545</b>
6	<b>94577</b>	1	<b>94619</b>	1	<b>94621</b>

## 2 What dominant types of trash did you pick-up at today's Coastal Clean-Up. Check all that apply:

- 21 Biodegradable paper/food items
- 37 Bottle caps/lids
- 49 Cigarette butts/filters
- 30 Pieces of hard plastic
- 33 Plastic food wrappers
- 20 Plastic bags
- 20 Plastic bottles
- 22 Straws/stirrers
- 24 Styrofoam
- 6 Other: Bottles, Glass, Microtrash, Shoats empty vial,

## 3 Throwing banana peels, apple cores, or your leftover sandwich from the car is not littering because these items are biodegradable.

- 16 TRUE
- 41 FALSE
- 8 Don't Know

## 4 Litter on our streets has a negative impact on San Francisco Bay

- 53 TRUE
- 9 FALSE
- 3 Don't Know

## 5 Cigarette butts are often thrown from a vehicle littering the streets. When it rains, what happens to the cigarette butts and other litter on our streets?

- 52 Rain water carries cigarette butts/litter into storm drains that drain directly to the Bay without any treatment.
- 4 Rain water carries cigarette butts/litter into storm drains that drain to a wastewater treatment plant where trash is removed.
- 9 Undecided/Don't Know

# Coastal Clean-Up

September 20, 2014

Total Surveys Received: 66

**6** Are you in favor of reducing litter by making reusable items part of your daily life (i.e., bring your own coffee cup or water bottle)?

60 Yes

No

5 Undecided

**7** What is the Pacific Garbage Patch?

13 A swirling mass of human-created plastic waste in the middle of the Pacific Ocean.

9 Plastic litter from our waterways carried into one general area of the Pacific Ocean by the convergence of currents.

42 Both of the above

**8** What contributes the **MOST** to the Pacific Garbage Patch? Choose one:

3 Boaters

5 Cruise Ships

4 Marinas

55 Land-generated wastes that end up in our waterways.

# Coastal Clean-Up

September 20, 2014

Total Surveys Received: 66

9

Email Address: *We will NOT share your name with any other organization.*

litter clean up oportunities in Alameda.

	YES	NO	MAYBE
<a href="mailto:INYSTEDT@YAHOO.COM">INYSTEDT@YAHOO.COM</a>		X	
<a href="mailto:GUNHUI@STUDENTSSRASD.NET">GUNHUI@STUDENTSSRASD.NET</a>		X	
<a href="mailto:ANYSTED@YAHOO.COM">ANYSTED@YAHOO.COM</a>		X	
<a href="mailto:LKATZMAG@YAHOO.COM">LKATZMAG@YAHOO.COM</a>		X	
<a href="mailto:FLANARY.KA@GMAIL.COM">FLANARY.KA@GMAIL.COM</a>	X		
<a href="mailto:BHOPEJONES@HOTMAIL.COM">BHOPEJONES@HOTMAIL.COM</a>	X		
<a href="mailto:ROCKHFRANNY@GMAIL.COM">ROCKHFRANNY@GMAIL.COM</a>	X		
<a href="mailto:MAHTONIORN@COMCAST.NET">MAHTONIORN@COMCAST.NET</a>	X		
<a href="mailto:SSWAIN918@GMAIL.COM">SSWAIN918@GMAIL.COM</a>	X		
<a href="mailto:MATTHEWCUNANAN99@GMAIL.COM">MATTHEWCUNANAN99@GMAIL.COM</a>	X		
<a href="mailto:MARIROSE16@GMAIL.OCM">MARIROSE16@GMAIL.OCM</a>	X		
<a href="mailto:PINOY.TRANCO@GMAIL.COM">PINOY.TRANCO@GMAIL.COM</a>		X	
<a href="mailto:TUAREA417@GMAIL.COM">TUAREA417@GMAIL.COM</a>	X		
<a href="mailto:NATALIERODPEREIRA@GMAIL.COM">NATALIERODPEREIRA@GMAIL.COM</a>	X		
<a href="mailto:DRFRATINO@GMAIL.COM">DRFRATINO@GMAIL.COM</a>		X	
<a href="mailto:DOLPHINJANE@GMAIL.COM">DOLPHINJANE@GMAIL.COM</a>			
<a href="mailto:HOWARDIMANGRUM@BAYER.COM">HOWARDIMANGRUM@BAYER.COM</a>		X	
<a href="mailto:JEC1932@COMCAST.NET">JEC1932@COMCAST.NET</a>		X	
<a href="mailto:BVERTEFEUILLE@NORTHERNLIGHTSCHOOL.COM">BVERTEFEUILLE@NORTHERNLIGHTSCHOOL.COM</a>	X		
<a href="mailto:HEIDIBRATTON@YAHOO.COM">HEIDIBRATTON@YAHOO.COM</a>	X		
<a href="mailto:ESTANDRINAGNES@YAHOO.COM">ESTANDRINAGNES@YAHOO.COM</a>	X		
<a href="mailto:ERTHFIRST@HOTMAIL.COM">ERTHFIRST@HOTMAIL.COM</a>		X	
<a href="mailto:LEOZOFZ@SBCGLOBAL.NET">LEOZOFZ@SBCGLOBAL.NET</a>		X	
<a href="mailto:MOLYBETH@YAHOO.COM">MOLYBETH@YAHOO.COM</a>	X		
<a href="mailto:HELJV@YAHOO.COM">HELJV@YAHOO.COM</a>	X		
<a href="mailto:CHOY-BANI@YAHOO.COM">CHOY-BANI@YAHOO.COM</a>	X		
<a href="mailto:CRISGNABORIG@YAHOO.COM">CRISGNABORIG@YAHOO.COM</a>	X		
<a href="mailto:ADELADAVID92@YAHOO.COM">ADELADAVID92@YAHOO.COM</a>	X		
<a href="mailto:MAXV_2@YAHOO.COM">MAXV_2@YAHOO.COM</a>	X		
<a href="mailto:MARIA_HUI@YAHOO.COM">MARIA_HUI@YAHOO.COM</a>		X	
<a href="mailto:OMAR_IGLESIG@YAHOO.COM">OMAR_IGLESIG@YAHOO.COM</a>	X		
<a href="mailto:GLADGLINDRO@YAHOO.COM">GLADGLINDRO@YAHOO.COM</a>		X	
<a href="mailto:JEMAR059@YAHOO.COM">JEMAR059@YAHOO.COM</a>	X		
<a href="mailto:CHERISH@PORTOLESE.CA">CHERISH@PORTOLESE.CA</a>	X		
<a href="mailto:MONICA_OC77@YAHOO.COM">MONICA_OC77@YAHOO.COM</a>	X		
<a href="mailto:MYSUBA@EXCITE.COM">MYSUBA@EXCITE.COM</a>	X		
<a href="mailto:MAGAMASA@GMAIL.COM">MAGAMASA@GMAIL.COM</a>	X		
<a href="mailto:KATE.HOCKENSHITH@ALAMEDACLIC.ORG">KATE.HOCKENSHITH@ALAMEDACLIC.ORG</a>		X	
<a href="mailto:MARIA_CERVANTES@QUAKEROATS.COM">MARIA_CERVANTES@QUAKEROATS.COM</a>	X		
<a href="mailto:FELTBYUMA@JUNO.COM">FELTBYUMA@JUNO.COM</a>	X		

# EVERYTHING ALAMEDA

September 27, 2014

Total Surveys Received: 69

## 1 What is your zip code?

50	94501	1	94580	1	94085	2	95118
5	94502	1	81000	1	94587	1	94561
1	85134	1	94577	1	94705		
2	0	1	98708	1	93902		
58		4		4		3	69

## 2 Throwing banana peels, apple cores, or your leftover sandwich from the car is NOT littering because these items are biodegradable.

9 TRUE  
56 FALSE  
4 Don't Know  
69

## 3 Litter on our streets has a negative impact on San Francisco Bay.

66 TRUE  
1 FALSE  
2 Don't Know  
69

## 4 Cigarette butts are often thrown from a vehicle olittering the streets. When it rains, what happens to the cigarette butts and other litter on our streets?

62 Rain water carries cigarette butts/litter into storm drains that drain directly to the Bay without any treatment.

2 Rain water carries cigarette butts/litter into storm drains that drain to a wastewater treatment plant where trash is removed.

5 Undecided/Don't Know  
69

## 5 What is the Pacific Garbage Patch?

12 A swirling mass of human-crated plastic waste in the middle of the Pacific Ocean.

2 Plastic litter from our waterways carried into one general area of the Pacific Ocean by the convergence of currents.

52 Both of the above

3 Undecided  
69

## 6 What contributes the MOST to the Pacific Garbage Patch? Choose one:

- 1 Boaters
- 1 Cruise Ships
- 1 Marinas
- 66 Land-generated wastes that end up in our waterways.

69

## 7 What are things you can do to help reduce litter?

*Check all that apply:*

- 2 Bring your own water bottle and coffee mug
  - say NO to straws
  - Carry a reusable water bottle
  - Pack a waste-free lunch
- 1 Bring your own reusable bag
- 66 All of the above

69

## 8 Email Address of those who do want to be contacted.

<a href="mailto:challengesea@yahoo.com">challengesea@yahoo.com</a>	<a href="mailto:vezekiel@pacbell.net">vezekiel@pacbell.net</a>
<a href="mailto:Lorraineonboard@comcast.net">Lorraineonboard@comcast.net</a>	<a href="mailto:cnelseavelez@gmail.com">cnelseavelez@gmail.com</a>
<a href="mailto:sherryat950@gmail.com">sherryat950@gmail.com</a>	<a href="mailto:iceymocha@hotmail.com">iceymocha@hotmail.com</a>
<a href="mailto:evelyn@evelynkennedy.com">evelyn@evelynkennedy.com</a>	<a href="mailto:wubis428@aol.com">wubis428@aol.com</a>
<a href="mailto:marilyn pomeroy@att.net">marilyn pomeroy@att.net</a>	<a href="mailto:cindseyuernon@comcast.net">cindseyuernon@comcast.net</a>
<a href="mailto:kellydasenko@yahoo.com">kellydasenko@yahoo.com</a>	<a href="mailto:afourre@sjbalameda.org">afourre@sjbalameda.org</a>
<a href="mailto:lzybnzx@comcast.net">lzybnzx@comcast.net</a>	<a href="mailto:behappy-3@comcast.net">behappy-3@comcast.net</a>
<a href="mailto:momofzangelso508@gmail.com">momofzangelso508@gmail.com</a>	<a href="mailto:christoferw@yahoo.com">christoferw@yahoo.com</a>
<a href="mailto:deysimartinez692@yahoo.com">deysimartinez692@yahoo.com</a>	<a href="mailto:cjlacrolx@aol.co">cjlacrolx@aol.co</a>
<a href="mailto:ednaannis@yahoo.com">ednaannis@yahoo.com</a>	<a href="mailto:recreationtherapy@hotmail.com">recreationtherapy@hotmail.com</a>
<a href="mailto:michaelsaramckinnon@gmail.com">michaelsaramckinnon@gmail.com</a>	<a href="mailto:teresakosinski@gmail.com">teresakosinski@gmail.com</a>
<a href="mailto:ngzooytran@yahoo.com">ngzooytran@yahoo.com</a>	<a href="mailto:dan_knee_w@hotmail.com">dan_knee_w@hotmail.com</a>
<a href="mailto:silviagk@yahoo.com">silviagk@yahoo.com</a>	<a href="mailto:bobswires510@gmail.com">bobswires510@gmail.com</a>
<a href="mailto:elenanapuri@email.com">elenanapuri@email.com</a>	
<a href="mailto:jon@ommhomes.com">jon@ommhomes.com</a>	
<a href="mailto:aln1948@yahoo.com">aln1948@yahoo.com</a>	
<a href="mailto:hnpz16@gmail.com">hnpz16@gmail.com</a>	



CleanWaterProgram Booth Everything Alameda September 2014



Mayor Marie Gilmore taking photo for CWP Instagram



EarthDAY 2015 Clean Water Program Booths



EarthDAY 2015: Pollution Prevention Matching Game



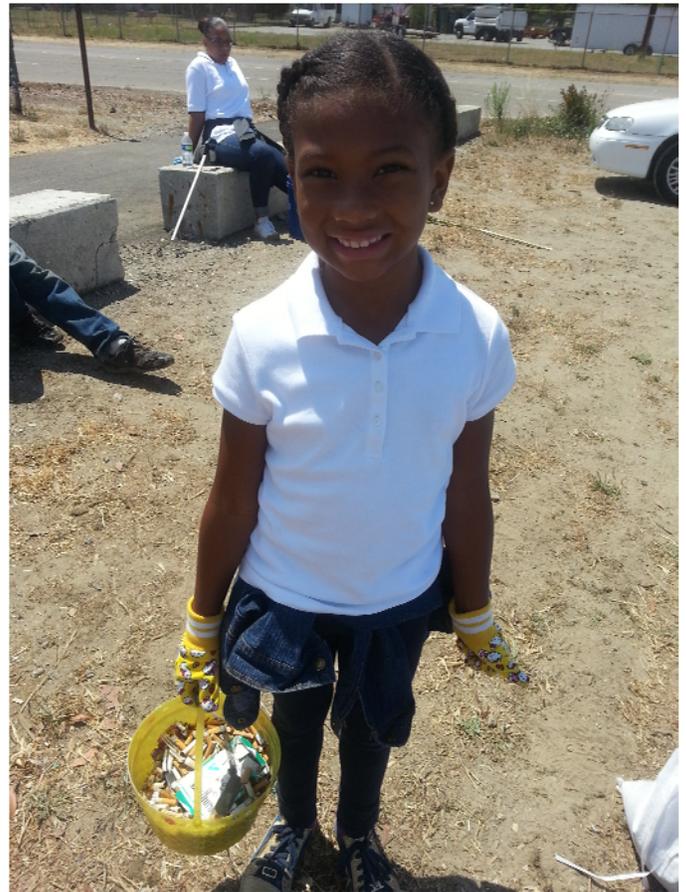
EarthDAY 2015: LuvTheBay Anti-litter Campaign



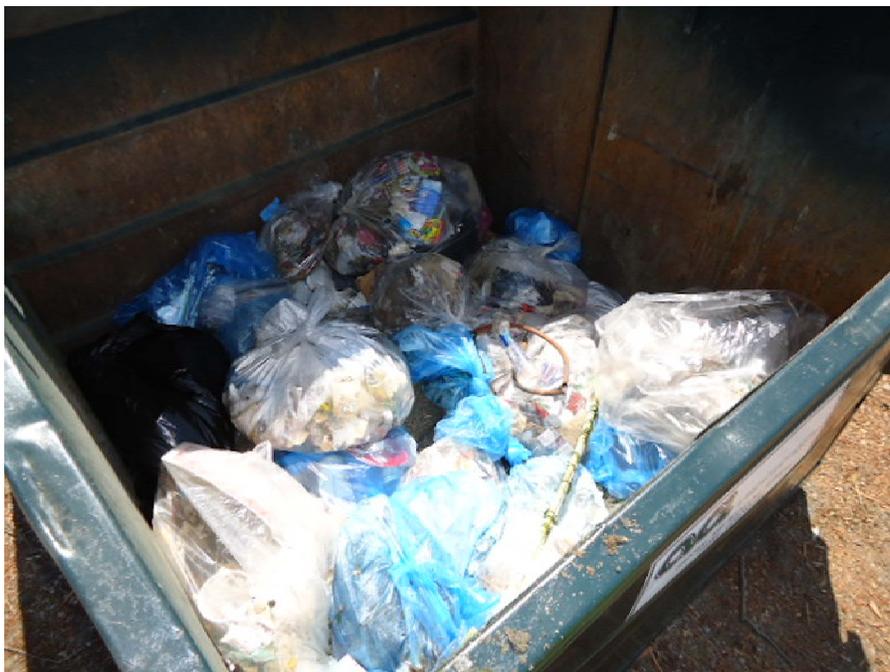
EarthDAY 2015: LuvTheBay Anti-litter Campaign



Alameda Point Volunteer Clean-Up 7-19-14



Alameda Point Volunteer Clean-Up 7-19-14



Alameda Point Volunteer Clean-Up 7-19-14



Alameda Point Volunteer Clean-Up 7-19-14



Alameda Point Volunteer Clean-Up 7-19-14



BayviewCleanUp 9-20-2014



BayviewCleanUp 9-20-2014



BayviewCleanUp 9-20-2014



BayviewCleanUp 9-20-2014

November 12, 2014

Dear Ms. Lewis,

This month my class participated in the Watershed Rangers Program with KIDS for the BAY. I learned all about the San Francisco Bay watershed and how to take care of it. I would like to share some of the things I learned with you.

I learned that pollution can harm animals. For example if you throw a plastic bag in the ocean then a sea turtle sees it, then it might think it is a jellyfish. Then it also might eat the plastic bag. If somebody litters then it could go to the storm drains. It is going to the creeks, then the San Francisco Bay, and the Pacific Ocean.

The Watershed Rangers Program also taught me that an environmentalist is someone that helps the environment. As environmentalists we want to take action! We would like to establish an annual, school-wide Clean Our Community Day at Henry Haight. On this day, Henry Haight students, teachers and parents will come together to pick up trash at the school and around the neighborhood. Please help us start this tradition in environmental action at Henry Haight.

Sincerely,  
Winnie Gao

**THE CITY OF ALAMEDA'S CLEAN WATER PROGRAM  
IN PARTNERSHIP WITH THE ALAMEDA GREEN  
SCHOOLS CHALLENGE:**

# Eco-Friendly Options For Your School's Carwash Fundraisers

Car washes have long been a favorite fundraiser for schools. However, the wash water runoff from this activity contains motor oil, lubricants and heavy metals from brake linings, tires and exhaust – all washed off the car along with regular dirt and grime. When cars are washed on the curb, these pollutants enter the storm drain system, which flow directly to the Bay without treatment, harming fish and other aquatic life.

Holding these fundraisers at a commercial carwash protects the Bay from pollution and conserves water. Commercial carwashes collect and treat the wash water before discharging it to the sanitary sewer system, which carries the wastewater to treatment plants. And, commercial carwashes also use significantly less water. Here are some local businesses that provide your student groups with a better solution:

## **1. Follow Charlie Car Wash (1700 Everett Street) – For middle school and high school students only!**

- Students need to contact the owner to schedule the use of the facility and purchase tokens at a discounted rate to wash cars. Opportunity to raise more money by selling refreshments.
- Students need to schedule and attend an on-site meeting prior to the fundraiser to go over equipment use and event logistics.
- Contact information:  
Mat Park - matparkemail@gmail.com, or (510) 205-7000

## **2. Shoreline Car Wash (2351 Shoreline Drive)**

- Students can sell coupons for a car wash at the Shoreline commercial carwash and keep a portion of the coupon sales.
- Contact information to purchase coupons:  
Desi Calzado - desi@shorelinecarwash.com  
Paty Hernandez - hernandezpatty08@gmail.com

*Note that all student groups need to meet with a representative of these businesses in advance of the event to plan and understand rules and regulations.*



**Keep car wash water  
OUT of storm drains and  
save water.**



Holding your fundraiser at a commercial carwash keeps polluted water out of the stormdrain—and our creeks and Bay, while saving water. While ten minutes of car washing with a typical garden hose uses more than 100 gallons of water, washing a car at a self-service carwash with a high-pressure wand uses about twelve gallons per three-minute cycle, according to the International Carwash Association.



## **COMPLIANCE WITH THE CITY'S INTEGRATED PEST MANAGEMENT POLICY:**

The Contractor shall follow the requirements of the City's Integrated Pest Management (IPM) Policy to ensure the City is in compliance with its Municipal Regional Stormwater NPDES Permit, Order No. R2-2009-0074, issued by the San Francisco Bay Regional Water Quality Control Board.

- Contractor shall use the most current IPM technologies available to ensure the long-term prevention or suppression of pest problems and to minimize negative impacts on the environment, non-target organisms, and human health for the control or management of pests in and around City buildings and facilities, parks and golf courses, urban landscape areas, rights-of-way, and other City properties.
- Contractor will consider the City IPM Policy's hierarchy of options or alternatives listed below, in the following order before recommending the use of or applying any pesticide on City property: (1)
  1. No controls (e.g. tolerating the pest infestation, use of resistant plant varieties or allowing normal life cycle of weeds);
  2. Physical or mechanical controls (e.g. hand labor, mowing, exclusion);
  3. Cultural controls (e.g. mulching, disking, alternative vegetation) and good housekeeping (e.g. cleaning desk area);
  4. Biological controls (e.g., natural enemies or predators); (5)
  5. Reduced-risk chemical controls (e.g., soaps or oils);
  6. Other chemical controls.
- Prior to applying chemical controls the contractor shall complete a checklist (attached) for the City's pre-approval that explains why a chemical control is necessary. For annual contracts that require regular application of chemical controls the contractor shall submit one checklist prior to the initiation of the project demonstrating that the hierarchy has been reviewed and no other options exist. Additionally, the contractor shall provide documentation to the City's project manager of the implementation of the IPM techniques hierarchy described in the City's IPM Policy.
- Contractor shall avoid the use of the following pesticides that threaten water quality, human health and the environment:
  1. Acute Toxicity Category I chemicals as identified by the Environmental Protection Agency (EPA)
  2. Organophosphate pesticides (e.g., those containing Diazinon, chlorpyrifos or malathion)
  3. Pyrethroids (bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin), carbamates (e.g., carbaryl), and fipronil
  4. Copper-based pesticides unless their use is judicious, other approaches and techniques have been considered, and the threat of impact to water quality is prevented.
- Contractor shall sign the Contractor Verification Form (attached) indicating the intent to implement the City's IPM Policy, and return a signed copy to the City's project manager.

- ❑ Contractor shall provide to the City's project manager an annual Report of all pesticide usage in support of City operations including pesticide name, active ingredient(s), target pest(s), the total amounts used and the reasons for any increase in use of any pesticide.
- ❑ Contractor shall provide a copy of any current IPM certifications(s) to the City's project manager prior to initiation of the service work.

A copy of the City's IPM Policy may be obtained from the City's project manager and is also on file with the City Clerk.

Revised: June14, 2012

*The Bay-Friendly Landscaping & Gardening Coalition confirms that*

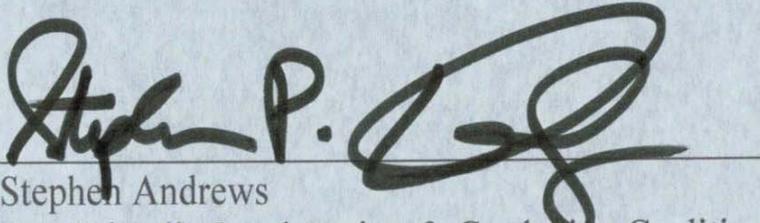
*John Gingrich*

*has met the requirements to become a*

**Bay-Friendly Qualified Landscape  
Maintenance Professional**

*effective March 25, 2014.*



  
Stephen Andrews  
Bay-Friendly Landscaping & Gardening Coalition

*The Bay-Friendly Landscaping & Gardening Coalition confirms that*

MAY - 2 2013

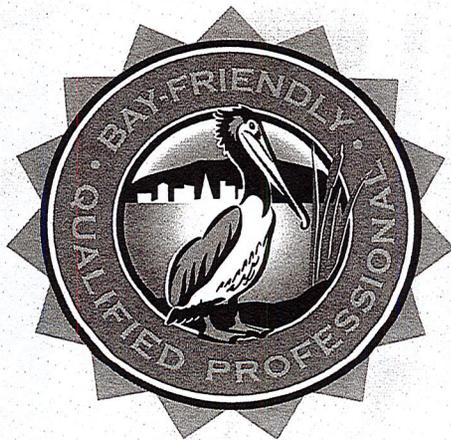
CAGWIN & DORWARD

# Javier Murillo

*has met the requirements to become a*

## Bay-Friendly Qualified Landscape Maintenance Professional

*effective April 9, 2013.*



*Debi Tidd*

Debi Tidd

Bay-Friendly Landscaping & Gardening Coalition

*City of Antioch • City of Concord • City of Pittsburg • City of Walnut Creek  
Contra Costa Clean Water Program • East Bay Municipal Utility District  
West Contra Costa Integrated Waste Management Authority*

# Kris Dasso

*has met the requirements to become a*

## Qualified Bay-Friendly Landscape Maintenance Professional



*Elisa Wilfong*  
Elisa Wilfong,  
Contra Costa Clean Water Program

*Debi Tidd*  
Debi Tidd,  
Bay-Friendly Training Coordinator



# GREENPRO

Eco-Effective Pest Control

Presenting this certificate of excellence to  
**Omega Termite Control, Inc.**

in acknowledgment of your continuing efforts toward professional excellence and environmental awareness in the pest management industry. You have met the GreenPro testing requirements for eco-effective pest control.

A handwritten signature in cursive script, appearing to read "Andrew DeWitt", is written over a horizontal line.

*official signature*





# GREENPRO

Eco-Effective Pest Control

Presenting this certificate of excellence to

Josh Schultz

in acknowledgment of your continuing efforts toward professional excellence and environmental awareness in the pest management industry. You have met the GreenPro testing requirements for eco-effective pest control.

*Andrew Archibute*

official signature





# GREENPRO

Eco-Effective Pest Control

Presenting this certificate of excellence to

Jeremy Diaz

in acknowledgment of your continuing efforts toward professional excellence and environmental awareness in the pest management industry. You have met the GreenPro testing requirements for eco-effective pest control.

*Andrew Archibute*

*official signature*





# GREENPRO

Eco-Effective Pest Control

Presenting this certificate of excellence to

Jeff Stauder

in acknowledgment of your continuing efforts toward professional excellence and environmental awareness in the pest management industry. You have met the GreenPro testing requirements for eco-effective pest control.

*Andrew Archibute*

*official signature*

