



City of Alameda, California

September 15, 2014

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 2013/2014 Annual Report

Dear Mr. Wolfe:

Enclosed is the City of Alameda's Fiscal Year 2013/2014 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 "R. Haun", with a long horizontal flourish extending to the right.

Robert G. Haun
Public Works Director

RH:jn

enclosure

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Attachments (listed and subsequent to Section 15)

Section 1 – Permittee Information

Background Information			
Permittee Name:	City of Alameda		
Population:	76,419 (2013 U.S. Census estimate)		
NPDES Permit No.:	CAS612008		
Order Number:	R2-2009-0074R		
Reporting Time Period (month/year):	July 2013 through June 2014		
Name of the Responsible Authority:	Robert Haun	Title:	Public Works Director
Mailing Address:	950 West Mall Square, Room 110		
City:	Alameda	Zip Code:	94501
		County:	Alameda
Telephone Number:	510-747-7930	Fax Number:	510-769-6030
E-mail Address:	pw@alamedaca.gov		
Name of the Designated Stormwater Management Program Contact (if different from above):	Jim Barse Patrizia Guccione	Title:	Clean Water Program Specialist Clean Water Program Specialist
Department:	Public Works Department		
Mailing Address:	950 West Mall Square, Room 110		
City:	Alameda	Zip Code:	94501
		County:	Alameda
Telephone Number:	510-747-7930	Fax Number:	510-769-6030
E-mail Address:	jbarse@alamedaca.gov pguccion@alamedaca.gov		

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 13-14 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 24,157 miles of roadway and removed approximately 11,776.2 cubic yards of debris and 750 cubic yards of leaves from city streets.

Storm Drain Infrastructure Maintenance Program

This reporting year City maintenance staff cleaned 2951 storm drainage structures during routine inspection and maintenance efforts and removed approximately 271.2 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 13/14 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 Municipal Maintenance Workshop held on October 29, 2013. The workshop focused on Street and Road Maintenance BMPs and included an overview of all the C.2 requirements that affect street and road crews; detailed presentation on erosion, field assessment, and BMP tools. Additionally, the workshop provided hands-on learning through interactive table top and field exercises.

Alameda County Clean Water Program Municipal Maintenance Subcommittee Trash Capture Device Field Trip

One Public Works Department Clean Water Program Specialist and two Maintenance staff attended the trash capture device field trip on April 30, 2014. The purpose of the field trip was to see three types of full trash capture devices installed by the City of Oakland and learn about the operations and maintenance of these devices. The three types of devices that were examined during the field trip included: 1) inlet basket with wing gate, 2) continuous deflector separation (CDS) system, and 3) inline trash collection device (gross solids removal device).

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

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

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

Comments:

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.

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

Comments:

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 newly 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.

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

Comments:

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 stations¹ (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	7/25/2013	5.34	8/22/2013	4.15
Northside (Marina Village)	7/25/2013	6.85	8/22/2013	7.30
Webster Street	7/25/2013	7.20	8/22/2013	7.17
Main Street	7/25/2013	8.35	8/22/2013	7.31
Golf Course	7/25/2013	10.50	8/22/2013	5.51

¹ 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.

Central and Eastshore	7/25/2013	7.20	8/22/2013	6.53
<p>Comments: The City stormwater pump stations at both Bayport and 3rd @ Atlantic discharge back into the municipal stormwater collection system and are therefore exempt from DO monitoring.</p>				
<p>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 generated.</p>				
<p>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 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.</p> <p>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.</p>				
<p>Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):</p>				

Pump Station Name and Location	Date (2x/year required)	Presence of Trash (Cubic Yards)	Presence of Odor (Yes or No)	Presence of Color (Yes or No)	Presence of Turbidity (Yes or No)	Presence of Floating Hydrocarbons (Yes or No)
Arbor Street	9/23/2013	Medium (covers 10%-50% of wetwell)	No	No	Trace	No
Arbor Street	11/21/2013	High (covers more than 50% of wetwell)	No	No	No	No
Northside (Marina Village)	9/23/2013	Low (covers 1%-10% of wetwell)	No	No	Trace	No
Northside (Marina Village)	11/21/2013	Low (covers 1%-10% of wetwell)	Slight (small dead animal on trash rack)	Slightly discolored	No	No

Pump Station Name and Location	Date (2x/year required)	Presence of Trash (Cubic Yards)	Presence of Odor (Yes or No)	Presence of Color (Yes or No)	Presence of Turbidity (Yes or No)	Presence of Floating Hydrocarbons (Yes or No)
Webster Street	9/23/2013	No	No	No	No	No
Webster Street	11/21/2013	No	No	No	No	No
Bayport	9/23/2013	Medium (covers 10%-50% of wetwell)	No	Light brown	Cloudy	No
Bayport	11/21/2013	No	No	No	Trace	No
Main Street	9/23/2013	No	No	No	No	No
Main Street	11/21/2013	Low (covers 1%- 10% of wetwell)	No	Slightly discolored	No	No
3 rd and Atlantic	9/23/2013	Medium (covers 10%-50% of wetwell)	No	Light yellow	Cloudy	No
3 rd and Atlantic	11/21/2013	Low (covers 1%- 10% of wetwell)	No	Medium yellow	Trace	No
Golf Course	9/23/2013	Low (few pieces of trash in pump station pond)	No	Light green	Opaque	No
Golf Course	11/21/2013	No	No	Medium green	Opaque	No
Central and Eastshore	9/23/2013	Medium (covers 10%-50% of wetwell)	No	No	Trace	No
Central and Eastshore	11/21/2013	Medium (covers 10%-50% of wetwell)	No	No	Trace	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 2013/2014.

	AMOUNT OF TRASH AND DEBRIS REMOVED PER MONTH (in cubic yards)												Yearly Total in cubic yards
	2013						2014						
Pump Stations	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Main Street	0.0	0.0	0.0	0.0	0.1	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.1
Third Street	0.2	0.1	0.2	0.2	0.2	0.1	0.00	0.2	0.2	0.2	0.0	0.0	1.6
Bayport	0.3	0.5	0.3	0.5	4.0	0.3	0.0	0.5	1.5	0.6	0.2	0.2	8.9
Webster Street	0.0	0.0	0.0	0.0	0.1	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.1
North Side (Marina Village)	0.4	0.5	0.5	1.0	3.0	0.2	0.0	1.0	2.0	1.0	1.0	1.0	11.6
Arbor Street	0.6	0.3	0.2	0.2	1.5	0.2	0.0	0.2	0.3	1.0	0.2	0.2	4.9
Eastshore	0.2	0.1	0.2	0.3	0.3	0.1	0.00	0.2	0.3	0.2	0.1	0.0	2.0
Golf Course Slough	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	1.7	1.5	1.4	2.2	9.2	0.9	0.00	2.1	4.3	3.0	1.5	1.4	29.2

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

² 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 Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:	
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants
Comments: 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	8/21/2013 Routine inspection Green Business stormwater inspection	Facility is generally very orderly and SWPPP BMPs are being implemented. The inspection report called for the following corrective actions: <ul style="list-style-type: none"> • Clean up all debris from outdoor material storage area by 8/28/13. • Clean storm drain inlet located at the west-side of the building prior to October 1st. • Continue implementing BMPs to ensure that rear hose bib drains into the accompanying sump pump drain and does not get misdirected to the trench drain. 	Conducted follow-up inspection on 9/4/2013.
City Garage 2040 Grand Street	9/4/2103 Follow up inspection	Confirmed the cleanup of all debris from outdoor material storage area. However, inspector observed a discharge of rinse water from rear hose bib to the trench drain. Further investigations confirmed that the rinse water did not get into the storm drain located downstream of trench drain, and that the discharge was accidental due to a blockage of the sump pump drainage system. The inspection report called for the following corrective actions: <ol style="list-style-type: none"> 1. Clean the collection pan, sump pump drainage system, and the collection tank to ensure proper drainage. 2. Clean trench drains. 3. Make improvements to the rear rinse area and/or sump pump drainage system to ensure that rinse water does not accidentally get misdirected to trench drains. 4. Reminder to clean storm drain inlet located at the west-side of the building prior to October 1st. 	Follow up inspection conducted on 10/5/13 confirmed the implementation of corrective actions 1, 2, and 4 listed under findings/results. Additionally, inspector met with City-Garage and Maintenance staff on 9/5/2013 and 10/3/2013 to discuss improvements options of the rear rinse area. The following implementation plan was agreed upon: <ul style="list-style-type: none"> • Install a fixed berm to prevent rinse water from getting into trench drains. • Quarterly inspect and clean as necessary the collection pan and drain to ensure proper drainage of the sump pump drainage system. • Post BMP guidance alerting staff using the outdoor rinse area.
City Garage 2040 Grand Street	12/11/2013 Green Business certification	The facility was orderly and no corrective actions were needed. The installations of the berm and BMP signage have been completed. Based on inspection results, the City Garage passed stormwater inspection for the Green Business program and was the first City facility to become a certified green business as of December 2013.	No follow up actions were required.

Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
Alameda Municipal Power Service Center, 2000 Grand Street	9/18/13 Routine inspection	No non-stormwater discharges were detected. This facility is generally orderly. SWPPP practices and controls are being implemented in all areas of activity. No corrective actions were necessary.	None needed.
City Corporation Yard - Public Works Maintenance Center 1616 Fortmann Way	9/19/2013 Routine Inspection	No non-stormwater discharges detected. The Public Works Maintenance Center is very orderly. SWPPP practices and controls are being implemented. The inspection report called for the following corrective actions to be completed by 9/26/13: <ul style="list-style-type: none"> • Hazmat containment area (roofed): store the two drums containing hazardous waste in a manner to avoid rain run-on and run-off exposure. • Rear of concrete and tree shop: clean up the small pieces of litter and cigarette butts. • Carpenter storage area: store paint cans under roofed area and dispose of left over paint appropriately. • Storm drain inlet 1: clean storm drain inlet and filter. 	Facility manager called inspector on 9/24/13 to confirm the implementation of all corrective actions identified in the 9/19/13 inspection report.
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)	9/19/2013	No non-stormwater discharges detected. Facility is orderly and SWPPP practices and controls are being implemented. The inspection report called for the following corrective actions to be completed by 9/20/13: <ul style="list-style-type: none"> • Clean up soil residues on pavement in proximity of artesian well structure. • Pick up litter behind fertilizer shed. • Clean and contain sand from landscape mix area to the slough behind yard area. 	Inspector visually confirmed the implementation of corrective actions on 9/24/13.

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 FY 13-14 Annual Report that includes a description of the Provision C.3.b. activities conducted at the countywide and regional levels this reporting period.

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.

Multiple Regulated Projects were advancing through the City’s review and approval process this reporting period. These projects are summarized in attached Table C.3.b.v.(1), as requested.

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

(For FY 11-12 Annual Report and each Annual Report thereafter)

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

	X	Yes		No
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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)?		Yes	X	No
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2014 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.		Yes	X	No
<p>If you answered "Yes" to either question,</p> <ol style="list-style-type: none"> 1) Complete Table C.3.e.vi . below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. <p>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.</p>				

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

(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information.
(2) 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.
<p>Summary:</p> <p>City staff performed a total of 10 C.3.h verification inspections this reporting period plus one additional inspection in August 2014 that is also summarized and accounted for here. Please see the summary of these inspections in Table C.3.h.iv below. City staff completed routine verification inspections at seven separate facilities this reporting period. One of these inspections was the first post-construction inspection at a newly constructed facility. In addition, three 45-day inspections were performed, one at each of three sites where construction was completed. The Bayport Stormwater Pond was also a subject of a C.3.h inspection in August 2014 (after the current reporting period) and is also being included here to provide a timely update to Water Board staff inquiring about the status of this project site.</p> <p>The only problem observed this reporting period was the existence of erosive scouring and bare/unvegetated soil in one linear bioretention unit at one facility. Though neglected-maintenance issues were scant this reporting period, staff observes that a typical sub-violation type common problem that can often be encountered is the need for improved attention to detail by some facility operators in the implementation of routine cleaning and trash/litter/debris removal at landscape-based treatment measures. No chronic accumulations of sediment and/or trash debris were encountered at any landscape-based treatment measures this reporting period.</p>

Consistent with previous year's observations, City staff finds that providing a prompt initial, post-construction inspection clarifying City expectations on treatment system O&M with the facility representative has assisted new facility managers to familiarize themselves with their O&M obligations. Though staff generally aims to perform this initial post-construction inspection in the first autumn (i.e., early on in the annual rainy season) after the construction-phase is complete, the single such inspection performed this reporting period occurred later in the spring after the more recently-completed facility had the opportunity to experience some rain/runoff events.

(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 indicates that City staff remained actively engaged this reporting period with private facility operators 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 a draft 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, discuss O&M plan expectations, and 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 continues 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 the 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.

Only one C3h site inspected this reporting period had any needed-maintenance issues, indicating that the preponderance of facilities are being subject to effective, routine maintenance oversight by the responsible parties.

(4) 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		Not applicable. No new facilities were installed.
• Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls? ³	X	Yes		No		Not applicable. No treatment measures
• Inspect at least 20 percent of the total number of installed vault-based systems?	X	Yes		No		Not applicable. No vault systems.
<p>If you answered "No" to any of the questions above, please explain: Not applicable, the City of Alameda actively implemented C.3.h.iv activities this reporting period. See Table C.3.h.iv for a reporting year summary of inspection results of installed stormwater treatment systems. The City of Alameda is in the shoreline/depositional area of the County, so the HM control requirements are not applicable to projects within the City's jurisdiction. There are no installed HM controls for City staff to track or inspect.</p>						

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. 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.

³ 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 ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
Private Projects											
Alameda Landing Project: Retail Center - Phase Two	Stargell Ave @ 5th Street, Alameda, CA 94501	Catellus Development Corp	Phase Three	Commercial development of retail buildings, parking lots and other access roads	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	10.81	10.81	0	452,048 (approx 96%)	470,884	452,048 (approx 96%)
Alameda Landing Project: Alameda Gateway (previously called "Remnant Parcel") (UPDATE)	501-555 Willie Stargell Avenue @ Mariner Square Loop, Alameda, CA 94501	Catellus Development Corp	Phase Five	Three commercial buildings, parking drive- through lanes, landscaping	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	3.29	3.29	92,010	11,385	15,660	103,395
Marina Cove II (UPDATE)	1551 Buena Vista	Trident Partners LLC	NA (one phase only)	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
Oakmont/Cardinal Point II	2400 Mariner Square Drive, north of the intersection with Marina Village Parkway, Alameda, CA 94501	Oakmont Senior Living LLC	NA (one phase only)	52-unit assisted living center with public shoreline access improvements	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	0.72 ac (31,363 sq ft)	0.72 ac (31,363 sq ft)	0	20,474	23,751	20,474
Del Monte Warehouse	1501 Buena Vista Avenue @ Entrance Road, Alameda, CA 94501	Tim Lewis Communities	NA (one phase only, as conceived at present)	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
-	-	-	-	-	-	-	-	-	-	-	-

¹⁰ Include cross streets

¹¹ 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".

¹² 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.

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

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

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

¹⁶ For redevelopment projects, state the pre-project impervious surface area.

¹⁷ For redevelopment projects, state the post-project impervious surface area.

Permittee Name: City of Alameda

Public Projects											
City Emergency Operations Center and Fire Station #3	1809 Grand Street @ Buena Vista Avenue	City of Alameda	Phase One	Municipal Emergency Operations Center	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	0.34 ac	0.34	12,033	1,326	1,397	13,359
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.											

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 ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
Private Projects										
Alameda Landing Project: Retail Center - Phase Two	10/20/2011	7/8/2013 (PB Design Review approval)	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 planter treatment areas.	Establishment of a Maintenance Service District conditioned with developer.	2.c	No, none	Yes, third party certification.	Not applicable; project in shoreline/depositional area of County
Alameda Landing Project: Alameda Gateway (previously called "Remnant Parcel")	6/11/2013	REVISED: 8/26/2013, Planning Board Design	Water-efficient and Bay Friendly Landscaping measures and	Landscape areas, disconnected impervious surface areas	Bioretention planter treatment areas.	O&M Agreement conditioned with developer.	2.c	No	Yes, third party certification.	Not applicable; project in shoreline/depositional area of County

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

¹⁹ 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.

²⁰ 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.

²¹ 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.

²² 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.).

²³ 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.

²⁴ 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).

²⁵ 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.

²⁶ 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.

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

²⁸ If HM control is not required, state why not.

²⁹ 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 ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
(UPDATE)		Review approval (continued from 7/22/13)	irrigation design required; storm drain marking required; exterior trash enclosure to be plumbed to sanitary sewer and required to prevent run-on and run-off							
Marina Cove II (UPDATE)	11/26/12 w/ PB approval of application	REVISED: 7/28/14, PB approval of Design Review continued from 5/27/14	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
Oakmont/Cardinal Pt II	8/26/2013	9/23/2013 (PB Design Review approval)	Water-efficient and BFL measures; storm drain markings; waste enclosure with sanitary sewer connection and design to prevent run-on and runoff	Minimization of directly connected impervious surfaces; landscape-based self-retaining areas; increased landscaped areas; landscaped areas to retain, treat stormwater	Flow-through planters; self-retention areas; self-treating landscape areas	O&M Agreement conditioned with developer and pending.	3	No, none	Yes, third party certification.	Not applicable; project in shoreline/ depositional area of County

Del Monte Warehouse	3/10/14, (Planning application deemed completed as of date of 1st formal public workshop)	Pending	Provide roofed and enclosed area for dumpsters; Plumb interior parking lot floor drains to sanitary sewer; food service facilities to have proper grease trapping, sewer connections and equipment washing designs (all preliminary).	Direct roof runoff onto vegetated areas; direct runoff from sidewalks, walkways and/or patios onto vegetated areas; direct runoff from driveways and/or uncovered parking lots onto vegetated areas; use of micro-detention features (all preliminary)	Biotreatment bioretention areas and flow-through planters (proposed).	Maintenance responsibilities to be included within HOA CC&Rs (proposed).	2.c	No, none	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.

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 ³⁰	Date Construction Scheduled to Begin	Source Control Measures ³¹	Site Design Measures ³²	Treatment Systems Approved ³³	Operation & Maintenance Responsibility Mechanism ³⁴	Hydraulic Sizing Criteria ³⁵	Alternative Compliance Measures ^{36/37}	Alternative Certification ³⁸	HM Controls ^{39/40}
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³⁰ For public projects, enter the plans and specifications approval date.
³¹ 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.
³² 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.
³³ 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.).
³⁴ 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.
³⁵ 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).
³⁶ 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.
³⁷ 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.
³⁸ Note whether a third party was used to certify the project design complies with Provision C.3.d.

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 ³⁰	Date Construction Scheduled to Begin	Source Control Measures ³¹	Site Design Measures ³²	Treatment Systems Approved ³³	Operation & Maintenance Responsibility Mechanism ³⁴	Hydraulic Sizing Criteria ³⁵	Alternative Compliance Measures ^{36/37}	Alternative Certification ³⁸	HM Controls ^{39/40}
Public Projects										
City Emergency Operations Center and Fire Station #3	Final Plans and Specifications approval remains pending but the Planning Board Design Review Approval occurred on 1/27/14.	Fall 2014	Interior sanitary sewer drains, connections to sanitary sewer to facilitate wastewater draining.	Roof leaders discharge to landscaped areas. Disconnected impervious surface areas.	Bio-retention areas/flow-through planters around periphery of building and at back of parking lot/driveway area.	Public project infrastructure to be maintained by City contractor.	2.c.	No, none	No.	Not applicable; project in shoreline/depositional area of County.
-	-	-	-	-	-	-	-	-	-	-
Comments: No additional comments concerning the public project listed above.										

³⁹ If HM control is not required, state why not.

⁴⁰ 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.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.

All of the “45-day” inspections listed below were at Facilities/Regulated Projects identified in the City of Alameda’s FY 2011/12 Annual Report (in Table C.3.b.v.(1)). None of the Regulated Projects listed in the City of Alameda’s FY 2012/13 Annual Report had completed construction of the stormwater treatment systems by the end of the current reporting period. Best efforts have been made to maintain naming-consistency for the various facility/project names through the City’s recent annual reports.

The City of Alameda also prepares a separate annual update to the Alameda County Mosquito Abatement District (ACMAD) providing a list of newly-installed stormwater treatment systems and indicating the location and facility contact information for each of these measures. The City’s FY 2012-13 update to ACMAD was dated September 10, 2013 and was also sent to Water Board staff. The FY 2013-14 update of newly-installed stormwater treatment systems within the City of Alameda to both ACMAD and Water Board staff is being prepared for submittal in synchrony with this annual report.

The Bayport Stormwater Pond was a subject of a C.3.h inspection in August 2014 (after the current reporting period) and is also being included here to provide a timely update to Water Board staff inquiring about the status of this project site. The following table/list is presented chronologically and, so, the Bayport Stormwater Pond inspection verification summary is at the end of this table.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ⁴¹	Party Responsible ⁴² For Maintenance	Date of Inspection	Type of Inspection ⁴³	Type of Treatment/HM Control(s) Inspected ⁴⁴	Inspection Findings or Results ⁴⁵	Enforcement Action Taken ⁴⁶	Comments/Follow-up
Alameda Landing Project, Phase Two: Retail Center Sub Area 3/Target - Alameda	2700 Fifth Street, Alameda, CA 94501	Yes	Stormwater Manager, Target Corporation, Minneapolis, MN	9/30/13	45-Day	Twelve (12) bioretention units throughout Target parcel parking lot and around building perimeter.	Bioretention units completed and installed according to approved plans and specifications.	None. In compliance.	Subsequent, initial, post-construction rainy season inspection summarized below (see 4/16/14).
Alameda Boys & Girls Club	1900 Third Street, Alameda, CA 94501	No	Alameda Boys & Girls Club	10/9/13	Routine	Two vegetated swales.	Both swales subject to routine oversight and maintenance by facility operator/personnel.	None. In compliance.	Facility operator is aware of and implementing the O&M Plan.

⁴¹ Indicate “YES” if the facility was installed within the reporting period, or “NO” if installed during a previous fiscal year.

⁴² State the responsible operator for installed stormwater treatment systems and HM controls.

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

⁴⁴ 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.

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

⁴⁶ State the enforcement action(s) taken, if any.

Alameda Landing Project, Phase One: Fifth Street and Mitchell Avenue Extensions	Fifth Street @ Mitchell Avenue, Alameda, CA 94501	Yes	Catellus Development Corporation	10/9/13	45-Day	Thirty-eight (38) planned streetside bioretention units.	30 units completed per plans and specifications. To-do items pending on four of the units. An additional four units remained under active, final (landscaping-phase) construction.	None. In compliance.	Confirmed that the to-do items on the four units were on the formal "Punch list" for project completion. The other four unit-areas remained under active construction. A followup site visit on 10/29/13 confirmed that the minor "punch-list items had been addressed and that the landscaping of the additional four units was completed.
Alameda South Shore Center (was Alameda Towne Center)	523 South Shore Center West, Alameda, CA 94501	No	Site Facilities Engineer, Jamestown Properties, Alameda, CA	10/16/13	Routine	CDS vortex separator (1), CrystalStream water quality vaults (2)	Units subject to routine inspection and service by contract provider consistent with O&M Plan. Facility engineer /staff also perform routine oversight	None. In compliance.	Facility litter control also supported by twenty parking lot storm drain inserts subject to routine inspection and service.
Abbott Diabetes Care	1420 Harbor Bay Parkway, Alameda, CA 94502	No	Abbott Diabetes Care, Inc., Alameda, CA	10/23/13	Routine	One hydrodynamic/vortex separator	Device is in good condition and is being maintained and inspected consistent with the approved O&M Plan.	None. In compliance.	None.
Hampton Inn & Suites	1700 Harbor Bay Parkway, Alameda, CA 94502	No	Facility General Manager, Balaji Alameda, LLC	10/31/13	Routine	Vegetated swale, bioretention unit. Contech vortex unit in parking lot.	Vault unit subject to routine inspection and maintenance per O&M Plan. Bioretention unit in good operable condition. Erosive scouring and bare/unvegetated spots in swale.	Written notification (after verbal warning) to perform landscape maintenance to repair swale issues.	Facility manager provides documentation of landscaping contractor completing planting and scouring control actions in early December.
Bay Area Chinese Bible Church, Alameda Ministry Center	1803 North Loop Road, Alameda, CA 94502	No	Facility Manager, Bay Area Chinese Bible Church, Alameda, CA	10/31/13	Routine	Two vortex separators.	Units in good operable condition and subject to routine inspection and maintenance by service provider consistent with O&M Plan.	None. In compliance.	None.

Jack Capon Villa	2216 Lincoln Avenue, Alameda, CA 94501	Yes	Satellite Housing, Berkeley, CA	2/5/14	45-Day	Nine bioretention areas.	All systems 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, Phase Two: Retail Center Sub Area 3/Target - Alameda	2700 Fifth Street, Alameda, CA 94501	Yes	Stormwater Manager, Target Corporation, Minneapolis, MN	4/16/14	Routine, Initial post-construction	Twelve (12) bioretention units throughout Target parcel parking lot and around building perimeter.	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.
Bay Ship & Yacht (BS&Y)	2900 Main Street, Alameda, CA 94501	No	Environmental Manager, Bay Ship & Yacht, Inc., Alameda, CA	6/17/14	Routine	Three CDS vortex separator units.	All units subject to routine inspection, maintenance and service cleaning by BS&Y personnel in accordance with O&M Plan.	None. In compliance.	Facility environmental manager continues to provide City with copy of annual O&M report in concert with annual NPDES stormwater reporting updates.
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. Procedures for annual sediment accumulation and water quality monitoring/management to be determined.	Verbal discussions with municipal services district administrator, maintenance contractor, PW maintenance supervisor.	Follow-up site reconnaissance on 8/21/14 confirms that corrections have been made to return pond to normal, dry-season operating level. 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.

C.3.e.vi.Special Projects Reporting Table												
Reporting Period – January 1 – June 30, 2013												
As also indicated in Section C.3.e.vi. of this Report, no (potential) Provision C.3.e.vi Special Projects were identified in the City of Alameda this reporting period.												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴⁷	Status ⁴⁸	Description ⁴⁹	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category ⁵⁰	LID Treatment Reduction Credit Available ⁵¹	List of LID Stormwater Treatment Systems ⁵²	List of Non-LID Stormwater Treatment Systems ⁵³
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	Indicate each type of LID treatment system and the percentage of total runoff treated None. Not applicable.	Indicate each type of non-LID treatment system and the percentage of total runoff treated. Indicate whether minimum design criteria met or certification received None. Not applicable.
-	-	-	-	-	-	-	-	-	-	-	-	-

⁴⁷ Date that a planning application for the Special Project was submitted.

⁴⁸ 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.

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

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

⁵¹ 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.

⁵²: 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.

⁵³ 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

Program Highlights

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 2013-14 Business Inspection List submitted to the Water Board in September 2013, 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 November 14, 2013. Also, please refer to the C.4. Industrial and Commercial Site Controls section of the Alameda Countywide Clean Water Program FY13-14 Annual Report for a summary of Program-level activities.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan? Yes No

If No, explain:
 The City of Alameda has maintained and updated a Provision C.4.b. Business Inspection Plan since this requirement was first effective in FY 09-10.

C.4.b.iii.(1) ► Potential Facilities List

List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

See the City of Alameda’s current Business Inspection Plan attached sequentially at the end of this Annual Report.

C.4.b.iii.(2) ► Facilities Scheduled for Inspection

List below or attach your list of facilities scheduled for inspection during the current fiscal year.

See the City of Alameda’s FY 14/15 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	159	
Total number of inspections conducted	171	
Number of [enforcement actions as a result of] violations (excluding verbal warnings)	17	
Sites inspected in violation	16	10 %
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	16	100 %
<p>Comments:</p> <p>Of the 168 business facilities indicated on the City’s FY 2013-14 Business Inspection List submitted to the Water Board in September 2013, 156 were inspected, 8 were determined during the course of our inspection work, to have closed, and 4 new business locations were visited and assessed to be non-priority facilities in accordance with our inspection plan and, thus, were not subject to a formal inspection . An additional 3 facilities were also inspected this reporting period due to staff responses to illicit discharge incidents/complaints and impromptu inspections at new facilities. In addition to these 159 initial facility inspections, 12 formal follow-up inspections were also conducted.</p> <p>1) Provide a narrative explanation, as appropriate, that explains how “sites inspected in violation” is reported.</p> <p>We count “sites inspected in violation” as those inspected facilities (sites) that received enforcement actions other than verbal warnings. Facilities that received verbal warnings, such as for spot improvements to routine housekeeping BMPs or for reminders emphasizing the importance of housekeeping vigilance, were excluded. A total of 16 facilities inspected received enforcement actions. However, the number of enforcement actions (written warning or higher enforcement level) issued as a result of violations amounted to 17 because one facility received a written warning and separate Notice to Abate was sent to the property owner – a means of escalating enforcement actions based on the facility’s inspection history.</p> <p>2) Provide an explanation for each violation not resolved within 10 days or otherwise deemed resolved in a longer but still timely manner.</p> <p>All violations were resolved within 10 days or otherwise deemed resolved in a longer but still timely manner.</p>		

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)	4
Potential discharge and other	14

Comments:

Number of Actual Discharge Violations
 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 16 facilities in violation, four (4) facilities each had one actual stormwater discharge violation noted during the inspections. Out of the four (4) 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.

Potential discharges are counted as **one potential discharge, per inspection, per facility**.
 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 fourteen (14) facilities that were found to be in violation had potential discharge violations. Two (2) out of these fourteen (14) facilities also had a non-stormwater discharge violation as noted above.

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

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

	Enforcement Action (as listed in ERP) ⁴⁸	Number of Enforcement Actions Taken	% of Enforcement Actions Taken⁴⁹
Level 1	Warnings: 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.	104	95 %
Level 2	Administrative Actions	5	5 %
Level 3	Administrative Actions with Fine and/or Cost Recovery	0	0
Level 4	Legal Actions	0	0
Total		109	100 %

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.

Business Category⁵⁰	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Auto Repair Services	0	1
Construction/Contractor	0	1
Food/Institutional	0	2
Municipal Corporation Yard	1	0
Property Management Shopping Center	1	1
Restaurants	2	8
Storage	0	1
Totals	4	14

⁴⁸ Agencies to list specific enforcement actions as defined in their ERPs.

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

⁵⁰ List your Program's standard business categories.

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
ACCWP Stormwater Business Inspectors Workshop: Enforcement Tools	November 14, 2013	<ul style="list-style-type: none"> • Using the Enforcement Response Plan • Enforcement Case Scenarios • BMPs for Businesses • Controlling Pre-production Plastics 	1	50 %

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

Program Highlights

Provide background information, highlights, trends, etc.

This reporting year the City of Alameda: (1) completed implementation of 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. All the information on the Contact List, below, has remained the same from the previous reporting year.

Please also see Section C.5 – Illicit Discharge Detection and Elimination – of the ACCWP FY 13-14 Annual Report for a summary of Program activities conducted at the countywide level.

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

List below or attach your complaint and spill response phone number and spill contact list.

Contact	Description	Phone Number
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 13-14 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 completed 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))	46	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	11	24%
Discharges resolved in a timely manner (C.5.f.iii.(3))	46	100%

Comments:
 As noted below, neither pollutants nor anything to abate were encountered at five of these complaint-response incidents. In the additional 41 reported discharge incidents, City response, abatement, BMP outreach and/or enforcement efforts led to timely and effective

improvements in BMP implementation and corrections to prevent pollutant discharges to the municipal storm sewer system or receiving waters.

The Alameda Fire Department (AFD) personnel are the primary responders to reports and complaints of on-going spill and discharge incidents. AFD response time (including emergency abatement) is measured in minutes and brings the authority of sworn personnel to the incident scene. Trained AFD personnel maintain emergency supplies of absorbents/barriers that can and were deployed at many of these complaint-discharge incidents this reporting period. In addition, AFD personnel can mobilize an emergency cleanup contractor for spill events that exceed their immediate capacity to abate; this happened on three separate instances this reporting period, with cost recovery pursued when a responsible party was identified. City Public Works Department personnel are also mobilized to assist with securing the scene, protecting inlets and vacuuming up non-hazardous washwaters captured in the course of response/abatement efforts. City Clean Water Program personnel are responsible for responding to non-immediate incidents (such as complaints of the poor condition of a waste/materials storage area or for reports of an incident that happened in the recent past, i.e., "Last weekend I observed...") and for the incident/complaint tracking efforts.

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

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

The totals summarized below are in addition to the response, abatement, outreach and enforcement activities accounted for in Sections C.2, C.3, C.4 and C.6 of this Report.

Sources of Complaints and Pollutant Discharge Types	FY 2013-14 Totals
Total number of complaints/discharges reported	46
No Pollutants Found/Nothing to Abate	5
Number of incidents/complaints with two pollutants identified	1
Total number of pollutants identified	42
Report/call of incident/complaint from Public	37
Report/call of incident/complaint by City staff	7
Report/call of incident/complaint from other agency	2
Automotive Fluids	22
Construction Material/Debris	6
Sediment	4
Washwaters	3
Paint	1

Food Wastes	1
Landscaping debris	1
Chemical Fumes	1
Pool Filter Cleaning Solution wastes	1
Contaminated Groundwater	1
Inert residential materials causing obstruction to runoff flow line	1
-	-

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ► Site/Inspection Totals		
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
0	7	7
<p>Comments:</p> <p>All high-priority, active construction sites in the City of Alameda subject to our Provision C.6 inspection and oversight program this reporting period disturbed one 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, for all of these sites. Four of these sites were active throughout the entire rainy season and received, at least, one monthly inspection during the period of October 2013 through May 2014. The other three sites initiated activity in the months of February, April, and June 2014, respectively, and received monthly inspections through at least May or June 2014 during their period of activity.</p> <p>A total of seven active CGP sites within our municipal jurisdiction this reporting period is a local indication of significantly increased development activity.</p>		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations⁵¹ excluding Verbal Warnings	% of Total Violations⁵²
Erosion Control	2	15%
Run-on and Run-off Control	0	0
Sediment Control	6	46%
Active Treatment Systems	0	0
Good Site Management	5	39%
Non Stormwater Management	0	0
Total⁵³	13	100%

⁵¹ 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.

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

⁵³ 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

Level Category	Enforcement Action (as listed in ERP) ⁵⁴	Number Enforcement Actions Issued	% Enforcement Actions Issued ⁵⁵
Level 1 ⁵⁶	Verbal Warnings, Written Warnings	13	76%
Level 2	Written Notifications, Administrative Actions	4	24%
Level 3	Administrative Actions with Fine/Penalty, Cost Recovery	(1, in follow-up, after reporting period, see discussion below)	0
Level 4	Legal Action	0	0
Total		17	100%

C.6.e.iii.1.f, g ► Illicit Discharges

Category	Number
Number of illicit discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.f)	0
Number of sites with discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.g)	0

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

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

⁵⁶ For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.1.h, i ► Violation Correction Times		
	Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	5	38% ⁵⁷
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	4	31% ⁵⁸
Total number of violations (excluding verbal warnings) for the reporting year⁵⁹	13	100%
<p>Comments:</p> <p>Four of the violations not corrected within ten days/timely were resolved within 30 days, but not prior to the first reinspection; all of these instances were resolved under escalating enforcement action. Three of these issues were ineffective implementation of sediment controls, and the fourth was an on-site waste management issue. The other four violations not corrected within ten days/timely were also the violations not corrected within thirty days, and are discussed further subsequently.</p> <p>All four of the violations that were not corrected within 30 days were at a single site subject to the control of a single master developer. These four violations were two distinct episodes/incidents of lack of effective sediment control, one incident of lack of appropriate erosion control and one incident of ineffective site management for potential fugitive dust control and rock/dirt housekeeping issues. All four violations subjected the site developer to escalating enforcement action which resulted in the issuance of formal written violations notifications, an Administrative Citation and a fine for the site management violation which was the most persistently unresolved violation issue. Chronologically, the first of these violations (chronic ineffective sediment control/tracking issues) was resolved in late spring 2014. The three other violations were initially cited from the same site inspection in June 2014, resulting in escalating enforcement that extended beyond the term of this reporting period and that included the issuance of multiple non-compliance notifications and a fine. Staff persisted in follow up inspections, documentation of still-unresolved conditions, and formal enforcement notifications to compel more aggressive implementation of sediment and tracking control, improvements to site management practices and the completion of erosion control applications. Two of the three June 2014 violations incidents (the erosion control and site management violations) were ultimately resolved in summer 2014. As of the preparation of this report, a penalty-fine amount escalation was pending for the third violation issue, which has a couple, unresolved specific sediment control/tracking violation counts.</p>		

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.).
<p>Description:</p> <p>This reporting period, and consistent with previous years, the City continued to use the electronic spreadsheet developed jointly by the permittees</p>

⁵⁷ 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.
⁵⁸ 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.
⁵⁹ 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.

participating in the Alameda Countywide Clean Water Program for construction site inspection data tracking and tabulation, 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 (seven sites compared to five in FY 2012-13) subject to the C6 inspection program. As also indicated above, this increase and total number of seven active CGP sites within our municipal jurisdiction this reporting period is a local indication of significantly increased development activity. There was a significant increase in the total number of inspections from the previous reporting period (44 this reporting period in comparison to 32 in FY 2012-13). The average number of inspections per site for sites active throughout the entire rainy season (at least October-April) held steady at nine inspections.

The total number of violations (13) observed this reporting period is the same from the previous year, and maintains the decrease from a total of 24 violations observed in the FY 2011-12 reporting period. Five of the seven sites had either zero or only one violation, all of which were corrected at least 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. 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) On-going implementation of the City's project/permit conditions of approval process reported on last reporting period 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 despite the increased work load due to increased development activity and the escalation of enforcement action efforts at private development project sites.

Please also refer to the C.6 Construction Site Control section of the Alameda Countywide Clean Water Program's FY 13-14 Annual Report for a description of activities at the countywide/regional level.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Training is required to be conducted every other year. ACCWP C.6 Training Workshop conducted in June 2013. Additional ACCWP C.6 Training is planned for FY 14-15.	-	-	-	-
One inspector completed WRECO's Qualified SWPPP Practitioner training held in Walnut Creek.	January 14 and 15, 2014	Construction General Permit Regulations Erosion/Sediment Process & Control BMPs & Field Implementation Monitoring Reporting	1	50%
No other Provision C.6 related training was pursued by City inspection staff this reporting period	-	-	-	-

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 13-14 Annual Report and the BASMAA FY 2013-2014 Regional Supplement for Training and Outreach for a summary of related Program and BASMAA activities.

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 19, 2013 and in the Alameda Journal on September 20, 2013. 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 and was published on April 24, 2014. 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.

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 surveys was included in previous annual reports.

Place an **X** in the appropriate box below: **N/A**

<input type="checkbox"/>	Survey report attached
<input 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:
 For 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
X	Reference to regional submittal: Regional Youth Litter Campaign report in the BASMAA FY 2013-2014 Regional Supplement for Training and Outreach

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 following separate report developed by BASMAA summarizes media relations efforts conducted during FY 13-14: BASMAA FY 2013-2014 Regional Supplement for Training and Outreach. Other media relations efforts conducted countywide are included within the C.7 Public Information and Outreach section of the ACCWP FY 13-14 Annual Report.

City of Alameda local media relations efforts

Topic: Eco-Friendly Carwash Fundraisers
 Medium: Print and online
 Description: Clean Water Program staff helped two student fundraising groups partner with Follow Charlie's Car Wash as a way to protect the Bay from pollution and conserve water. To help promote the events and create public awareness, staff issued a press release. The press release was picked up by media as follows:

- Alameda Journal: May 16, 2014
- Alameda Chamber of Commerce Newsletter: May 19th 2014
- The Alamedan featured an on-line story on the car wash fundraisers on May 27th, 2014. Following is the link to the on-line article: <http://thealamedan.org/news/students-showcase-surprising-way-save-water> .

A copy of the press release issued by the City promoting the two eco-friendly carwash fund raisers is sequentially attached at the end of this annual report.

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 13-14:

No changes to the Clean Water Program website were made this reporting period. The City also continues to maintain and publicize the following Clean Water Program information on its new 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 12/13 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., Enviroscope presentation, 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"> • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted

<p>Stormwater Exhibit at the Alameda County Fair: July 1 through July 7, 2013 and June 18 through June 30, 2014. Setting up the exhibit and producing the outreach materials are Countywide Program efforts. Staffing the exhibit is an effort conducted by individual Permittees.</p>	<p>The County Fair is attended by a wide range of residents from throughout the County. The primary message of the exhibit and outreach materials is to encourage residents to reduce their use of pesticides or when necessary use less-toxic pesticides. The exhibit also illustrates the basic watershed awareness/stormwater pollution message.</p>	<p>Several hundred thousand residents attend the fair each year. A more detailed description of the exhibit is included in Section C.7 Public Information and Outreach of the ACCWP FY 13/14 Annual Report.</p>
<p>FARMERS MARKET OUTREACH Dates: July 23, 2013 (9 am to 1 pm) August 29, 2013 (9 am to 1 pm) May 13, 2014 (9 am to 1 pm) Location: Haight & Webster</p>	<p>Audience: Market attendees and vendors Objectives:</p> <ol style="list-style-type: none"> 1. Encourage the use of less-toxic pest control alternatives and provide general stormwater pollution prevention information. 2. Encourage anti-litter behavior by creating public awareness on how land-generated litter can end up as marine debris. <p>Description: In July and August 2013, the Clean Water Program's outreach effort focused on litter. To encourage anti-litter behavior, Clean Water Program staff played an interactive game with children "what's in our water". This a simple game where players "GO FISHING" and draw a wooden tile from the bin. They will get either an animal or a litter icon. If they get an animal, they get a prize. If they draw a litter item, they also get a prize, but staff used the opportunity to explain that litter on City streets often ends in the Bay through storm drains or is wind-blown. 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 to help reduce litter.</p>	<p>Activity Results: 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, flower seed packets and/or bottle labels with non-toxic recipes to sign pledges.</p> <ul style="list-style-type: none"> • 146 people signed the pledge to use the reusable bag. • 57 people signed pledges to make reusable items a part of daily routine. • 8 people signed pledges to use one of the non-toxic recipes • 35 people signed pledges to plant the native seed mix. <p>Copies of the signed pledges are sequentially attached at the end of this annual report.</p> <p>Outreach Materials: Staff distributed the following information:</p> <ul style="list-style-type: none"> • Clean Water Program activity books • Pet or Pal activity book • Stormwater brochures (accordion style) • No dumping drains to Bay • Our Waterfall World • OWOW Pocket Guides • 10 most wanted bugs in your garden • OWOW factsheets: <ul style="list-style-type: none"> ○ Mosquitos ○ Yellow jackets

<p>FARMERS MARKET OUTREACH CONTINUED</p>	<p>In May 2014, the outreach efforts focused on pesticides. Staff informed market goers of potential water quality impacts of conventional insecticides and encouraged the use of less-toxic pest control methods. Staff distributed bottle labels with “less-toxic pest control recipes” and less-toxic pest control fact sheets developed by Our Water Our World. Also, staff promoted the use of native plants by distributing a native flower mix and explaining the benefits of planting natives.</p>	<ul style="list-style-type: none"> o Safe use and disposal of pesticides o Find a company that can prevent pest problems o Aphids o Ants o Snails • Pencils promoting the Clean Water Program
<p>COASTAL CLEANUP OUTREACH Date: September 21, 2013 (8:30 to noon scheduled but ended 10:30 am due to rain) Location: Alameda Crown Beach</p>	<p>Audience: City of Alameda Community (youth, teens, residents of all ages) Objectives:</p> <ol style="list-style-type: none"> 1. Clean up trash from shorelines 2. Encourage anti-litter behavior by creating public awareness on how land-generated litter can end up as marine debris. <p>Description: 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 staff conducted outreach at the event’s main hub, located at Shoreline Drive & West line Drive. 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. Another purpose of</p>	<p>Activity Results: Registration records indicate that over 360 people participated in the beach cleanup. Participants removed approximately 1,660 lbs. of debris from the beach. Although the event was well attended, the cleanup activities abruptly ended due to heavy showers around 10:30 am.</p> <p>Survey Results: Clean Water Program staff was just starting to get busy with the first volunteers returning from the beach cleanup and filling out surveys in exchange for a free bag. Unfortunately, due to the heavy rain, staff had to pack up and leave. Nonetheless, 25 people had completed the survey. The following are a few highlights of the survey results:</p> <ul style="list-style-type: none"> • The three dominant types of trash found on the beach are: <ul style="list-style-type: none"> o Cigarette butts/filters (24 responses) o Bottle caps/lids (17 responses) o Pieces of hard plastic (17 responses) • 23 out of the 25 people surveyed (92 %) agreed that litter on our streets has a negative impact on the Bay. • 21 out of 25 the people surveyed (84 %) are aware that rain carries cigarette butts on

<p>COALSTAL CLEANUP OUTREACH CONTINUED</p>	<p>the survey was to collect email addresses of volunteers interested in participating in future litter clean up events.</p>	<p>our streets into storm drains, which flow directly to the Bay without treatment. A copy of the survey results is sequentially attached at the end of this report.</p> <p>Outreach Materials: In addition to providing free Clean Water Program re-usable bag, staff also distributed the following:</p> <ul style="list-style-type: none"> • Pencils promoting the Clean Water Program • Clean Water Program activity books • Stormwater brochures (accordion style)
<p>EVERYTHING ALAMEDA Date: September 28, 2013 (10:00 am to 2:00 pm) Location: Lower Washington Park</p>	<p>Audience: Alameda residents of all ages Objectives: Encourage anti-litter behavior by creating public awareness on how land-generated litter can end up as marine debris. Description: Everything Alameda was a first time event organized by the Alameda Recreation & 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. The Public Works Clean Water Program had a booth at this new venue to reach a different crowd with litter information and featured the following activities:</p> <ul style="list-style-type: none"> • A "Wheel of Fortune" to play the "True or Rubbish?" Quiz Game, which focused on litter, storm drains, and the pacific garbage patch. Anybody playing the game received a prize. Participants had a choice of receiving a native flower seed-mix packet, Clean Water Program activity books, or pencils. A copy of the 	<p>Activity Results: An estimated 1,500 people attended this first time event. Clean Water Program booth was staffed by two people and they were both busy throughout the event with booth visitors - playing the interactive game with kids and conducting the litter survey. Staff distributed the following giveaways to participants playing the "True or Rubbish?" quiz game:</p> <ul style="list-style-type: none"> • 75 Pencils • 65 Native seed mix packets • 49 Clean Water Program activity booklets <p>Survey Results: A total of 116 people participated in the litter survey and received re-usable bags. The following are a few highlights of the survey results:</p> <ul style="list-style-type: none"> • The three dominant types of trash observed on City streets are: <ul style="list-style-type: none"> ○ Fast food waste (72 responses) ○ Cigarette butts/filters (66 responses) ○ Beverage cups (58 responses) • 106 out of the 116 people surveyed (91 %) agreed that litter on our streets has a negative impact on the Bay. • 101 out of 116 the people surveyed (87 %)

<p>EVERYTHING ALAMEDA CONTINUED</p>	<p>game questions is sequentially attached at the end of this report.</p> <ul style="list-style-type: none"> • A short survey in exchange for a free reusable 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. Another purpose of the survey was to collect email addresses of volunteers interested in participating in future litter clean up events. 	<p>were aware that rain carries cigarette butts on our streets into storm drains, which flow directly to the Bay without treatment. A copy of the survey results is sequentially attached at the end of this report.</p> <p>Outreach Materials: In addition to the items listed above, staff also distributed the following:</p> <ul style="list-style-type: none"> • Facts about plastic brochure • No dumping drains to Bay brochure • Stormwater brochures (accordion style)
<p>EARTH DAY FESTIVAL Date: April 26, 2014 (10:00 am to 3:00 pm) Location: Washington Park</p>	<p>Audience: Alameda Residents of all ages. Objective:</p> <ol style="list-style-type: none"> 1. Discourage the use of pesticides around the home and garden and promote alternative pest control methods including IPM. 2. Conduct Beach Cleanup (8:30 am – 10:00 am) <p>Event Description: 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. The Clean Water Program used a “bee-themed” booth and activities to create a personal/emotional connection to bees to promote target behavior and educate the public about the adverse environmental impacts of conventional pesticides. The Clean Water Program outreach booth featured the following attractions:</p>	<p>Activity Results: An estimated 2,500 people of all ages attended the Earth Day festival. CWP booth staff was consistently busy throughout the event. Festival attendees enthusiastically visited the “bee-themed” booth and participated in the interactive game and storm drain model.</p> <p>Interactive Game: Kids playing the interactive flower game received either a Clean Water Program pencil or a “Pest or Pal” activity booklet. A total of 250 pencils and 78 “Pest or Pal” booklets were distributed.</p> <p>Pledge Posters: Clean Water Program staff distributed 268 seed packets and 127 non-toxic recipe labels. Booth visitors receiving the flower seed packet to sign a poster – pledging to protect their home, garden, and the Bay by planting the native flower seed-mix. Booth visitors receiving the card/spray bottle label were also asked to sign a poster – pledging to protect their home, garden, and the Bay by trying one of the less-toxic pest control recipes. Photos of the event and pledge posters with the collected signatures are attached sequentially at the end of the report.</p> <p>Beach Cleanup Results: A total of 90 volunteers participated in the Earth Day beach cleanup organized by East Bay Regional Park District</p>

<p>EARTH DAY FESTIVAL CONTINUED</p>	<ul style="list-style-type: none"> • An interactive Flower Game for kids called “Let the Bees Be”. The purpose of the game was to pollinate the flowers. This was achieved by throwing bees (made out of balls with Velcro) at a big board containing flowers and making the “bees” stick on the flower. Anybody playing the game received a prize. Participants had a choice of receiving a Clean Water Program pencil or a “Pest or Pal” activity booklet. • A storm drain model illustrating the connection between storm drains and the Bay. Staff used the model to interact with booth visitors explaining that storm drains flow directly to the Bay reiterating the adverse impacts that pesticides have on bee population and local water quality. • To promote target behavior, staff distributed labels containing non-toxic pest control recipes and seed packets containing a native seed mix. Staff explained the environmental benefits of using the non-toxic pest control recipes and planting the native flower mix. 	<p>staff. Participants collected approximately 125 gallons of debris.</p> <p>Outreach Materials: In addition to the items listed above, staff also distributed the following:</p> <ul style="list-style-type: none"> • Stormwater brochures (accordion style) • 10 Most Wanted Bugs • Pocket Guides “Pest Bugging You” • OWOW IPM Fact Sheets: <ul style="list-style-type: none"> ○ Ants ○ Aphids ○ Mosquitos ○ Snails and Slugs ○ Pesticide Use and Disposal ○ Finding a Pest Control Company
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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 13-14 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"> • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Number of inlets marked. • Data trends
Community Stewardship Grants Program	The Countywide Program sponsors the Community Stewardship Grants (CSG) Program. The CSG Program provides approximately \$20,000 annually in \$1,000 to \$5,000 increments to individuals and community groups to support stormwater improvement/outreach projects throughout the County.	See Section C.7 of the ACCWP FY13/14 Annual Report for a summary.
<p>BEACH CLEANUP Date: September 21, 2013 (8:30 to noon scheduled but ended 10:30 am due to rain) Location: Alameda Crown Beach</p>	<p>Audience: City of Alameda Community (youth, teens, residents of all ages) Objectives:</p> <ol style="list-style-type: none"> 1. Clean up trash from shorelines 2. Encourage anti-litter behavior by creating public awareness on how land-generated litter can end up as marine debris. <p>Description: 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</p>	<p>Activity Results: Registration records indicate that over 360 people participated in the beach cleanup. Participants removed approximately 1,660 lbs. of debris from the beach. Although the event was well attended, the cleanup activities abruptly ended due to heavy showers around 10:30 am.</p>

<p>BEACH CLEANUP CONTINUED</p>	<p>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>BAYVIEW DRIVE CLEANUP Date: April 19, 2014 Location: Bayview Drive</p>	<p>Audience: Members of Bayview Estates Home Owners Association</p> <p>Objectives:</p> <ol style="list-style-type: none"> 1. Cleanup litter/trash along Bayview Drive, the coast line and public access trail behind Bayview Drive. 2. Create public awareness on environmental impacts of land-generated litter that ends up in our waterways. <p>Description: The Public Works Department Clean Water Program collaborated with members of the Bayview Estates Home Owners Association to conduct a trash/litter cleanup along Bayview Drive, the public access trail behind Bayview Drive and shoreline. Additionally, Clean Water Program staff also provided a short talk to volunteers about the impacts of litter in waterways (including the worldwide gyres) and disseminated stormwater pollution prevention outreach materials and reusable bags.</p>	<p>Activity Results: A total of 47 people participated in the cleanup event collecting 288 lbs. of trash/debris. Additionally, volunteers removed a boat hull and a float composed of Styrofoam and sheet rock from the shoreline. A copy of the cleanup announcement flyer and photos from the cleanup are attached sequentially at the end of the report.</p> <p>Outreach Materials: Staff distributed the following outreach materials:</p> <ul style="list-style-type: none"> • Clean Water Program activity booklets • Stormwater brochures (accordion style) • Clean Water Program pencils • Facts about plastics • Clean Water Program re-usable bags • No dumping drains to Bay brochure

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	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

	<ul style="list-style-type: none"> Organizing a watershed clean-up Storm drain stenciling Create a display poster or make a presentation to educate peer students and others about how to prevent littering and stormwater pollution as well as to reduce, reuse and recycle. Organize a no-waste lunch event. 		<p>animals, looking at the maps and doing something to help that day – by going around the school to pick up trash!”</p> <ul style="list-style-type: none"> Changes in awareness and attitude and/or behavior in students: “They get out of line to pick up garbage... and students talk about wanting to care for their surroundings.” Impact of action project: “The students pick up trash without being asked... and they are thinking about their role in our environment.” <p>A summary of the teachers’ evaluations is attached sequentially at the end of the report.</p>
<p>Program Name: Eco-Friendly Carwash Fundraiser</p>	<p>Clean Water Program staff helped two 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>The number of students and/or teachers reached cannot be determined. Staff worked with school contacts that independently reached out directly to students, student representatives on the School Board, school principals, leadership classes and teachers, and environmental school clubs.</p>	<p>Two student groups held eco-friendly car wash fund raiser at Follow Charlie’s Car Wash as follows:</p> <ol style="list-style-type: none"> Alameda Pirates Football & Cheers: May 17, 2014 Alameda High Senior Class: May 31, 2014 <p>Photos of the eco-friendly carwash fundraisers are attached sequentially at the end of the report.</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 13-14, the City of Alameda contributed, through the Alameda Countywide Clean Water Program (Program), to the BASMAA Regional Monitoring Coalition (RMC). In addition, we contributed financially 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 13-14 Annual Report and the Integrated Monitoring Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.b ► Implement IPM Policy or Ordinance

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.

Trends in Quantities and Types of Pesticides Used⁶⁰

Pesticide Category and Specific Pesticide Used	Amount ⁶¹				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	None	None	None	None	None
Pyrethroids	-	-	-	-	-
Bifenthrin	56 oz.	42 oz.	24 oz.	24 oz.	10 oz.
Deltamethrin	31.5 oz.	1.25 oz.	8 oz.	None	None
Carbaryl	None	None	None	None	None
Fipronil	None	None	None	None	None

C.9.c ► Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	4
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	4
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 %

On-going oversight and coordination with a City contractor resulted in a further decrease in the use of bifenthrin this reporting period.

Bay-Friendly Certification Municipal Staff

- During this reporting year, three Alameda Park & Recreation maintenance staff obtained certification as Bay-Friendly Landscape Maintenance Professionals.

⁶⁰ Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁶¹ 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.

- In 2013, one of the Public Works Maintenance Supervisors was re-certified as a Bay-Friendly Landscape Maintenance Professional.

C.9.d ▶ Require Contractors to Implement IPM			
Did your municipality contract with any pesticide service provider in the reporting year?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, attach one of the following:			
<input checked="" type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR		
<input checked="" type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR		
<input type="checkbox"/>	Equivalent documentation.		
<p>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.</p> <p>If Not attached, explain: Not applicable.</p>			

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.
<p>Summary:</p> <p>During FY 13-14, the City continued its participation in and contributions to the Alameda Countywide Clean Water Program, BASMAA and CASQA as means to support and participate in regulatory processes related to the use and oversight of pesticides. For more information see the CASQA Pesticides Subcommittee Annual Report 2013-14: Preventing Urban Pesticide Pollution in Stormwater for a summary of CASQA activities.</p>

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	x	No
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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 ACCWP FY 13-14 Annual Report and the BASMAA FY 2013-2014 Regional Supplement for Training and Outreach 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 Program’s FY 13-14 Annual Report for a summary of 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) Descriptions of actions/tasks completed towards achieving the Minimum Full Trash Capture requirement in provision C.10.a.iii. Include the:
 - Total number and types of full capture devices (publicly and privately-owned) installed to-date;
 - 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), in comparison to the MRP-required full capture requirements in Attachment J to the MRP; and,
 - Percentage of jurisdictional land areas with very high, high, moderate and low trash generation rates treated by full capture devices.
- 2) 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.

Descriptions of Actions/Tasks (Conducted or Planned):

MRP Attachment J requires the City of Alameda to provide a Minimum Trash Capture Catchment Area of 121 acres. To date, the City of Alameda has installed sixteen full trash capture devices (FTCDs) with a total catchment area of 158+ acres, exceeding the 121 acre minimum. These are the same sixteen devices preliminarily accounted for in the City's FY 2012-13 Annual Report. The reported total of treated acreage has been adjusted upwards (from the 141+ acres indicated in our FY 2012-13 Annual Report) to the current 158+ acres total due to further detailed examinations of the limits of the various drainage areas of these 16 contributing FTCDs. The FTCDs installed to date were located with the intent to capture runoff from the higher priority (High (H) and Medium (M) trash generation) areas upgradient of the installation locations though they do also incidentally capture runoff from Trash Management Areas (TMAs) of lower priority. The listing sequence below is somewhat revised from last year's report and is now based on the listing sequence in our routine maintenance tracking forms. All of these are publicly installed and maintained devices. There are additional privately-installed full trash capture devices on private commercial/retail property – all high trash-generation areas in TMA 4 - that have not yet been integrated by City staff into the City's total trash load reduction assessment results and they are not included in this report. These privately-owned and operated full trash capture devices, subject to maintenance oversight under our Provision C3h program, will be accounted for in future trash load reduction updates once the contributory, private drainage area values are confirmed.

The only Very High (VH) trash generation area in Alameda is in TMA 1 where no FTCs have been installed as of this reporting effort. Our to-date assessment has determined that it is not feasible to install FTC devices at the catch basin locations in this TMA due to exposure to tidal surge influxes, potential flooding and catch basin design. The FTCs installed to-date therefore only treat H, M, and, incidentally, Low (L) trash generation areas. So, in the table below we are only accounting for the area values and per centages for H, M, and L areas.

The table below lists and provides a summary of the number and types of full trash capture devices installed by July 1, 2014 including total land area treated, land area treated within TMA, and the percentage of the total H, M and L land areas treated per device.

FY 2013-2014 Annual Report
Permittee Name: City of Alameda

C.10 – Trash Load Reduction

Device Type	Device Location (1 device per location)	Trash Management Area (TMA)	Date of Installation	*Total Land Area treated (acres)	Land Area in TMA treated per device (H, M, and L) (acres)	Percentage Land Area treated per device (H, M, L)
StormTek-ST3G	North east corner on Oak Ave at Clinton	2	Installed January 2011	5.72	H: 5.72 M: 0 L: 0	H: 1.57 M: 0 L: 0
StormTek-ST3G	Northwest corner on Oak Ave at Clinton	7, 9	Installed January 2011	23.58	H: 0 M: 23.58 L: 0	H: 0 M: 1.61 L: 0
StormTek-ST3G	Southeast corner on Oak Ave at Buena Vista	2	Installed August 2011	16.27	H: 16.27 M: 0 L: 0	H: 4.45 M: 0 L: 0
StormTek-ST3G	Southwest corner on Oak Ave at Buena Vista	2, 12	Installed August 2011	10.91	H: 5.31 M: 0 L: 5.60	H: 1.45 M: 0. L: 0.15
Wavy Grate Trash Catcher	Southeast corner on Buena Vista Ave at Webster	3, 12	Installed July 2013	3.86	H: 3.04 M: 0 L: 0.82	H: 0.83 M: 0 L: 0.02
Wavy Grate Trash Catcher	Southeast corner on Eagle Ave at Webster	3	Installed July 2013	2.56	H: 2.56 M: 0 L: 0	H: 0.7 M: 0 L: 0
Wavy Grate Trash Catcher	Southeast corner on Buena Vista at 5th St	5	Installed July 2013	2.18	H: 2.18 M: 0 L: 0	H: 0.6 M: 0 L: 0
Wavy Grate Trash Catcher	Northeast corner on Pacific Ave at 5th St	5, 7	Installed July 2013	3.62	H: 1.69 M: 1.92 L: 0	H: 0.46 M: 0.13 L: 0
Wavy Grate Trash Catcher	Southeast corner on Pacific Ave at 5th St	5, 7, 12	Installed July 2013	19.65	H: 2.51 M: 9.60 L: 7.54	H: 0.69 M: 0.65 L: 0.21
Wavy Grate Trash Catcher	Northeast corner on Park Ave at Otis Dr	12	Installed July 2013	10.33	H: 0 M: 0 L: 10.33	H: 0 M: 0 L: 0.28
Wavy Grate Trash Catcher	Northwest corner on Park Ave at Otis Dr	2, 12	Installed July 2013	14.35	H: 5 M: 0 L: 9.36	H: 1.37 M: 0 L: 0.26

Device Type	Device Location (1 device per location)	Trash Management Area (TMA)	Date of Installation	Total Land Area treated (acres)	Land Area in TMA treated per device (H, M, and L) (acres)	Percentage Land Area treated per device (H, M, L)
Wavy Grate Trash Catcher	Southwest corner on Everett Street at Eagle	2, 12	Installed July 2013	23.86	H: 22.96 M: 0 L: 0.90	H: 6.28 M: 0 L: 0.02
Wavy Grate Trash Catcher	Southeast corner on Oak Avenue at Eagle	2	Installed July 2013	5.21	H: 5.21 M: 0 L: 0	H: 1.42 M: 0 L: 0
Wavy Grate Trash Catcher	Southeast corner on Oak Avenue at Clement	2	Installed July 2013	2.06	H: 2.06 M: 0 L: 0	H: 0.56 M: 0 L: 0
Wavy Grate Trash Catcher	Southwest corner on Taylor Ave at Page	3, 12	Installed July 2013	7.26	H: 1.39 M: 0 L: 5.87	H: 0.38 M: 0 L: 0.16
Wavy Grate Trash Catcher	North east corner on Taylor Ave at Page	12	Installed July 2013	7.23	H: 0 M: 0 L: 7.23	H: 0 M: 0 L: 0.20
Totals				158.67		

Additionally, during this current reporting period, the City assessed potential locations and completed a planning and location-vetting process for the installation of approximately twenty (20) additional full trash capture devices. The installation of twenty additional devices is planned for the fall of 2014. Clean Water Program staff has been working with City Maintenance and Engineering staff personnel to assess potential locations suited for the installation of additional full trash capture device inserts and to calculate drainage areas. Factors considered for the suitability and prioritization of specific catch basin locations for FTC installation included: local TMA designations, area trash generation rates, the land use (and thus potential trash generation/capture), catch basin dimensions, maintenance access, the amount of vegetation surrounding potential catch basin locations, and local flooding potential. Based on this team assessment, City staff is in process of executing an agreement with a vendor to retrofit 20 catch basins with full trash capture device inserts (Wavy Grate Trash Catcher).

The table below summarizes the planned locations to be retrofitted with full trash capture devices and the affected Trash Management Area(s). The treatment areas of the individual, installed devices will be calculated by Engineering and will be accounted for in the FY 14/15 Annual Report. The list of locations is arranged, approximately, from west to east on the Main Island of Alameda. All of these areas treat high-priority, high trash generation areas, as well as incidentally Low trash generation areas, in the drainage basins of the catch basins being retrofitted.

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C.10 – Trash Load Reduction

Device Type	Device Location	Trash Management Area (TMA)	Targeted Installation Date	Total Number Planned to be Installed
Wavy Grate Trash Catcher	Southeast corner on Main St at Appezzato Pkwy	5	Fall 2014	1
Wavy Grate Trash Catcher	Northwest corner on Third St at Brush	5	Fall 2014	1
Wavy Grate Trash Catcher	On Buena Vista near Poggi	5, 12	Fall 2014	1
Wavy Grate Trash Catcher	South west corner on Buena Vista at 5 th St	5	Fall 2014	1
Wavy Grate Trash Catcher	Northwest corner Buena Vista at Webster	3	Fall 2014	1
Wavy Grate Trash Catcher	Southwest corner on Buena Vista at Webster	3	Fall 2014	1
Wavy Grate Trash Catcher	Northeast corner on Marina Village Pkwy at Challenger	4 b, 8	Fall 2014	1
Wavy Grate Trash Catcher	Southwest corner Otis Dr at Safeway	4 a	Fall 2014	1
Wavy Grate Trash Catcher	Southeast corner on Otis Dr at entry to South Shore Center	4 a	Fall 2014	1
Wavy Grate Trash Catcher	Northeast corner Shoreline Dr in front of carwash	4 a	Fall 2014	1
Wavy Grate Trash Catcher	Northwest corner on Park St at Otis	2	Fall 2014	1
Wavy Grate Trash Catcher	Northeast corner on Park St at Otis	2	Fall 2014	1
Wavy Grate Trash Catcher	Northwest corner on Everett St N of Blanding	2	Fall 2014	1
Wavy Grate Trash Catcher	Northeast corner on Everett St N of Blanding	2	Fall 2014	1
Wavy Grate Trash Catcher	Southwest corner on Broadway at Blanding	2, 4 c	Fall 2014	1
Wavy Grate Trash Catcher	Northeast corner on Blanding at Broadway	4 c	Fall 2014	1

Device Type	Device Location	Trash Management Area (TMA)	Targeted Installation Date	Total Number Planned to be Installed
Wavy Grate Trash Catcher	On Blanding North side, West of Tilden	4 c	Fall 2014	1
Wavy Grate Trash Catcher	Northwest on Fernside at High St	6, 12	Fall 2014	1
Wavy Grate Trash Catcher	Southwest on Fernside at High St	6, 12	Fall 2014	1
Wavy Grate Trash Catcher	Southwest on Maitland Drive at Flower Lane	6, 12	Fall 2014	1
Total				20 devices

Descriptions of Maintenance Activities:

According to the inspection and maintenance procedures established as part of the City’s Full Trash Capture Device Pilot program, and now being adopted as routine procedure, the catch basins retrofitted with full trash capture devices are inspected and cleaned as needed and as follows:

- Prior to the rainy season (prior to October 1 or the first rain event, whichever occurs first)
- After any significant storm event

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 161 cubic feet of debris from the 16 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:

Catch Basin Location	Trash Management Area (TMA)	Estimated Amount of Debris Removed (in cubic feet) in FY 2013-14	Maintenance Frequency during FY 13/14 Season	Comments	Total Area Treated (acres)
Northeast corner on Oak Ave at Clinton	2	9	6 times	No comments	5.72
Northwest corner on Oak Ave at Clinton	7, 9	7	6 times	No comments	23.58

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C.10 – Trash Load Reduction

Catch Basin Location	Trash Management Area (TMA)	Estimated Amount of Debris Removed (in cubic feet) in FY 2013-14	Maintenance Frequency during FY 13/14 Season	Comments	Total Area Treated (acres)
Southeast corner on Oak Ave at Buena Vista	2	26.5	7 times	No comments	16.27
Southwest corner on Oak Ave at Buena Vista	2, 12	20.5	4 times	Catch basin was not serviced from February to June as it was part of a Regional Trash Characterization Study.	10.91
Southeast corner on Buena Vista Ave at Webster	3, 12	8.5	4 times	Catch basin was not serviced from February to June as it was part of a Regional Trash Characterization Study.	3.86
Southeast corner on Eagle Ave at Webster	3	8.5	4 times	Catch basin was not serviced from February to June as it was part of a Regional Trash Characterization Study.	2.56
Southeast corner on Buena Vista at 5th St	5	11.5	6 times	No comments	2.18
Northeast corner on Pacific Ave at 5th St	5, 7	13	6 times	No comments	3.62
Southeast corner on Pacific Ave at 5th St	5, 7, 12	2	2 times	Catch basin flooded Apparently, device was installed over in-flow pipe. After removing the device temporarily, it was re-installed over the outflow pipe.	19.65
Northeast corner on Park Ave at Otis Dr	12	7	5 times	Access issues due to parked cars.	10.33
Northwest corner on Park Ave at Otis Dr	2, 12	8	6 times	No comments	14.35
Southwest corner on Everett Street at Eagle	5, 7, 9	6	4 times	Access issues due to parked cars.	23.58
Southeast corner on Oak Avenue at Eagle	2	10	7 times	No comments	5.21
Southeast corner on Oak Avenue at Clement	2	10.5	7 times	No comments	2.06
Southwest corner on Taylor Ave at Page	3, 12	6.5	7 times	No comments	7.26
Northeast corner on Taylor Ave at Page	12	6.5	7 times	No comments	7.23
Total		161			158.67

Observed Maintenance/Performance Issues:

One of catch basins that was retrofitted with a full trash capture device in July 2013, flooded during a storm event. Apparently, the vendor incorrectly installed the full trash capture device over the in-flow pipe. After removing the device temporarily, it was correctly re-installed over the out-flow pipe at the same catch basin. Maintenance staff also kept a careful eye on all the other installed devices; especially, the two catch basins that overflowed during the FY 2012-13 rainy season during significant storm events. Staff will continue observing these locations, and if flooding continues to be an issue, an assessment will be made concerning the need to remove either one or both of these full trash capture devices. Also, Maintenance staff continued to experience service access difficulties at some locations, due to obstructions by parked cars.

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 2013-14 to the extent possible.

Trash Hot Spot	FY 13-14 Cleanup Date	Volume of Trash Removed (cubic yards)				Dominant Type(s) of Trash in FY 2013-14	Trash Sources in FY 2013-14 (where possible)
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14		
Site #1 – Alameda Point northern shoreline (Oakland Inner Harbor)	October 7 – 10, 2013 (2013 dry season)	24.61	7.2	13.5	6.0	Bottle caps/lids, floatable foam, pieces of hard plastic, straws/stirrers, Styrofoam.	Tidal accumulation

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C.10 – Trash Load Reduction

Site #2 – 1500-block East Shore Drive (San Leandro Bay)	June 2-5, 2014 (2014 dry season)	15.37	6.7	7.8	4.4	Bottle caps/lids, floatable foam, pieces of hard plastic, plastic bags, plastic bottles, plastic wrappers, Styrofoam, waste lumber/wood.	Tidal accumulation
Site #3 – Washington Court and Lincoln Middle School shoreline (San Leandro Bay)	September 23 – 26, 2013 (2013 dry season)	5.83	9.9	2.9	6.2	Beverage cans, glass bottles, pieces of hard plastic, plastic bags, plastic wrappers, straws/stirrers, Styrofoam.	Tidal accumulation; littering (littering is source of broken glass only).
Site # 4 – Alameda Park Beach (San Francisco Bay)	May 20 – 200, 2014 (2014 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 EBRPD)	Bottle caps, cigar tips, cigarette filters, fishing line glass bottles, pieces of hard plastic, plastic bags, plastic bottles, plastic wrappers, straws/stirrers, Styrofoam,	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)	No additional volunteer clean up conducted at this site in FY2013-14.	7	No volunteer clean up conducted at this site in FY2011-12.	3.96	Zero. No volunteer clean up this current reporting period	Not applicable for FY 2013-14	Not applicable for FY 2013-14

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

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

The City of Alameda has not made any significant revisions to the Long-Term Trash Load Reduction Plan (Plan) submitted to the Water Board earlier this year and dated 1/31/14. Rather we have been busy implementing, documenting and tracking the various active elements described in this Plan. So there is no information that needs to be accounted for in this report section this reporting period. However, City staff recognizes that there are additional trash control measures that exist and that are being implemented within the City that were not accounted for in the Plan. These measures are contributing to additional trash load reduction results and need to be adequately assessed for effectiveness. To-date this has not happened due to the need to implement the Plan efforts intended to ensure that the 40% trash load reduction benchmark has been implemented, assessed and documented. These will 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. They are being listed below to acknowledge that their presence has not been overlooked and that their trash reduction impacts will be assessed. Other, additional measures may also be accounted for at a later date. Changes in the mapping of trash generation load rates in the maps/figures of the Plan are desk-top exercises that have not taken precedence at present and that will be performed at a more suitable routine interval, not merely six months from Plan inception/submittal. Those efforts will eventually be forthcoming as well.

Description of (Pending) Significant Revision	Associated TMA
Identification of FTCs on two large private properties. The drainage/capture areas for these devices still to be confirmed. This work remains pending and will be accounted for in future reports and/or trash load reduction efforts benchmark updates.	TMA 4, Areas 4A and 4C
Assessment, inclusion and documentation of positive trash capture results from C3 measures installed since the effective date of the MRP.	TMAs 2, 7, 8 and 10
Revisions to City of Alameda's Plan Figure 2-2: Final Trash Generation Map. To be determined.	All TMAs.
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-	-
-	-

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

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.

Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
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: http://reusablebagsac.org/ordinancetext.html	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.	For a summary of assessment results please refer to Section C.10 of the ACCWP FY 13-14 Annual Report.	4

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

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>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"> • Prepared foods packaged outside the City of Alameda. • Polystyrene foam coolers and ice chests that are intended for reuse. • If the City Manager or his/her designee finds that an undue hardship exists. • No acceptable alternative is available at commercially reasonable price. • In a situation deemed by the City Manager to be an emergency. <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>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.</p>	<p>For a summary of assessment results please refer to Section C.10 of the ACCWP FY 13-14 Annual Report.</p>	<p>4</p>
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C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)				
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>Alameda School Outreach Program</p> <p>As of May 1, 2013, the Public Works Department initiated a 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. 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>Assessment Methods:</p> <p>To assess the program's effectiveness the City requires Kids for the Bay to submit a mid-year and reports including:</p> <ul style="list-style-type: none"> • Number of students/teachers reached • Summary of class room workshops including the amount of litter collected during school neighborhood litter pick up • Summary of action projects • Summary of teachers evaluation • Samples of students' work 	<p>Assessment Results:</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>Alameda Community Outreach Program</p> <p>The City's Clean Water Program staff continued to conduct outreach encouraging anti-litter behavior at community events (Farmers Market May 2014, Coastal Cleanup, and Everything Alameda). 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 and were asked to sign a pledge to make "reusable items" as part of their daily routines. Please see section C.7.e of this annual report for detailed event descriptions.</p>	<p>Assessment Methods:</p> <p>Staff is working on identifying methods to assess effectiveness of the community outreach events. Currently, staff is counting the number of pledges signed and the amount of people participating in surveys.</p>	<p>Assessment Results:</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

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

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	Alameda Volunteer Litter Cleanup Events City staff is actively recruiting/building a volunteer force to conduct volunteer trash/debris cleanups on City streets, public access trails, and Alameda shoreline. As reported under section C.7.g, this reporting period staff worked with the members of the Bayview Estate Home Owners Association to clean up trash/debris along Bayview Drive, the coast line and public access trail behind Bayview Drive .	Assessment Methods: Amount of trash/litter/debris removed during cleanup events.	Assessment Results: Please refer to Bayview Drive Cleanup under Section C.7.g of this annual report for cleanup results. Trash load reduction assessment result values remain to be determined so no jurisdiction-wide value can be assigned at present.	TBD
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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 generates very high (VH), high (H), moderate (M), or low (L) levels of trash;
- Identify the dominant trash source(s) and dominant type(s) of trash addressed or to-be addressed in the TMA;
- Include the area currently treated by full capture devices, the quantity and type of devices installed to-date, and the % of jurisdictional area that generates very high (VH), high (H), moderate (M), and low (L) levels of trash after accounting for reductions via full capture devices;
- 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 % of the jurisdictional area that generates very VH, H, M or L levels of trash after accounting for all control measures implemented to-date;
- 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; and
- Provide an estimate of the % of trash reduced in the TMA and jurisdiction-wide.

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA 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	Baseline Generation (Pre-MRP)	100	0	0	0
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)			After taking into account Full Capture Devices	100	0	0
Total Area (Acres)	0	No full trash capture devices have been installed in this TMA. Feasibility assessments to-date indicate that the effectiveness of catch basin insert type FTCDs in this area may be limited due to routine tidal inundation of the catch basins and the potential for flooding.						
% of TMA	0							
% of VH/H/M	0							
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	45	0	0
(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. (2) A TMA-wide, annual on-land cleanup was initiated in the spring of 2014; the inaugural event resulted in the removal of 4.23 cubic yards of trash, litter, and recyclables from this TMA. (3) And, three (3) additional public, street trash/litter cans have been installed in the public parking lot area of this TMA, boosting to seven (7) the total number of street cans available for public litter disposal and subject to 3x/week servicing/emptying in this area. (4) 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.								
Assessment Methods for Control Measures Other than Full Capture Devices								
City staff site inspection, reconnaissance and general familiarity with this site continues to confirm that this area is the single highest trash generation area within the City AND the single most concentrated, on-going potential acute source of actual trash loading to San Francisco Bay. Quantification of the volume of trash and litter debris removed from the TMA during City-managed on-land cleanups is a primary assessment method. Visual and photographic assessment consistent with the Provision C.10.b trash hot spot assessment methods are also used. 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.								
Summary of Assessment Results To-date								
The on-land and shoreline cleanup efforts completed in this TMA this reporting period resulted in the capture and removal of 100% of the chronic, accumulated litter and trash in the parking lot, along the shoreline berm and along the periphery of Main Street. As indicated above this amounted to a total of 4.23 cubic yards of uncompacted, bagged, trash/litter captured and removed from the TMA prior to potential loading to the Oakland Inner Harbor. Acute litter accumulation trends persist however. Based on the 100% abatement/cleanup effort and the effective removal of 4.23 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 55%; 50% from the on-land cleanup efforts and an additional 5% from the enhanced, street sweeping efforts implemented in this TMA (see discussion on street sweeping data in Section C.10.d, Part C below).								
Estimated % Trash Reduction in TMA 1 due to New or Enhanced Post-MRP actions					55			
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions					8			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA 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 (Pre-MRP)	0	47.0	43.7	9.4	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)			After taking into account Full Capture Devices	0	27.2	25.3	47.5
Total Area (Acres)	62.53	Three (3) Storm-Tek and four (4) Wavy Grate Catch Basin Insert Devices installed to-date within the public right-of-way and maintained by City.							
% of TMA	42.2								
% of VH/H/M	42.2								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0	21.8	20.2	58.0
(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.									
Assessment Methods for Control Measures Other than Full Capture Devices									
City staff inspections to review, oversee and audit municipal contractors' performance of on-land cleanups and improved trash bin/container management efforts. 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. 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. City Provision C4/C5 inspection staff monitor business facility BMPs implementation and any necessary followup.									
Summary of Assessment Results To-date					Estimated % Trash Reduction in TMA 2 due to New or Enhanced Post-MRP actions	48.6			
City staff estimates that the trash loading from this TMA has been reduced approximately 49% from the combined results of the full-capture devices and the four other new or enhanced measures. The cumulative additional reduction of the new or enhanced measures implemented in this TMA is assessed at 20%, 5% from each of these four measures: 5% from the enhanced street sweeping efforts (as indicated above and in Section C.10.d, Part C, below) 5% from the enhanced storm drain inlet maintenance (see discussion on enhanced inlet maintenance/cleaning data in Section C.10.d, Part C below), 5% from the launch of the expanded on-land trash control and improved container management program within the business district in this TMA, and an additional 5% reduction from the enhanced Provision C4 and C5 efforts in this retail business district.									
					Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	8			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA 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	Baseline Generation (Pre-MRP)	0	75.3	21.6	3.1	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)			After taking into account <u>Full Capture Devices</u>	0	65.4	18.8	15.8
Total Area (Acres)	7	Three (3) Wavy Grate Catch Basin Insert Devices installed to-date within the public right-of-way and maintained by City.							
% of TMA	13.1								
% of VH/H/M	13.1								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account <u>all New or Enhanced (post-MRP) Control Measures</u>	0	26.2	7.5	66.3
(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. As indicated in Section C.2.d of this Report, this trash rack captured 11.6 cubic yards of total debris this reporting period. The average annual total trash/debris capture at this pump station trash rack FY 10/11 through FY 13/14 is 24.9 cubic yards; the lower-than-average current reporting year total is at least partially attributable to the relatively dry period in comparison to the previous years. 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 hi-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.									
Assessment Methods for Control Measures Other than Full Capture Devices					After taking into account <u>all New or Enhanced (post-MRP) Control Measures</u>	0	26.2	7.5	66.3
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. City staff inspections to review, oversee and audit municipal contractors' performance of on-land cleanups and improved trash bin/container management efforts. 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. 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. City Provision C4/C5 inspection staff monitor business facility BMPs implementation and any necessary followup.									
Summary of Assessment Results To-date									
City staff estimates that the trash loading from this TMA has been reduced approximately 63% from the combined results of the full-capture devices and the five other new or enhanced measures. After considering the results of the full-capture devices, the cumulative reduction of the other new or enhanced measures implemented in this TMA is assessed at 60%. Conservatively, 40% from the partial trash capture of the downgradient automatic trash rack receiving drainage from approximately 85% of the TMA, and, consistent with the other TMA assessments 5% from each of the four additional measures: enhanced street sweeping efforts, enhanced storm drain inlet maintenance, the expanded on-land trash control and improved container management program within the business district, and the enhanced Provision C4 and C5 efforts in this business district.					Estimated % Trash Reduction <u>in TMA 3</u> due to New or Enhanced Post-MRP actions	62.9			
						Estimated % Trash Reduction <u>Jurisdiction-wide</u> due to New or Enhanced Post-MRP actions	8		

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA 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	Baseline Generation (Pre-MRP)	0	98.4	1.6	0	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account Full Capture Devices	0	TBD; 98.4 (maximum) at present	TBD; 1.6 (maximum) at present	TBD; 0 at present	
Total Area (Acres)	TBD	Area 4A has a privately-owned and maintained hydrodynamic separator unit treating runoff from the northern parking lot; Area 4C has a pair of privately-owned and maintained hydrodynamic separator units collecting runoff from the parking lot, pre-screened by drain inlet insert devices. The trash load reduction effects from these devices will be determined at a later date.							
% of TMA	TBD								
% of VH/H/M	TBD								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0	79.7 (max.)	1.3 (max.)	19 (min.)
(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. As indicated in Section C.2.d of this Report, this trash rack captured 11.6 cubic yards of total debris this reporting period. The average annual total trash/debris capture at this pump station trash rack FY 10/11 through FY 13/14 is 24.9 cubic yards; the lower-than-average current reporting year total is at least partially attributable to the relatively dry period in comparison to the previous years. 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 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. (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. (4) Anti-littering and illegal dumping outreach, inspection and enforcement activities consistent with municipal Provision C4 and C5 implementation efforts.									
Assessment Methods for Control Measures Other than Full Capture Devices									
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. Street sweeper operators monitor the on-going effectiveness of their sweeping efforts and aim for efficient, effective and full capture of debris; collection data is logged and tracked. On-going Provision C3h oversight and inspection of the private trash capture devices installed in Areas 4A and 4C. On-going anti-littering and illegal dumping inspection activities consistent with municipal Provision C4 and C5 implementation efforts. Municipal maintenance personnel monitor the effectiveness of their storm drain inlet cleaning, aiming for efficient, effective and full capture of debris; collection data is logged and tracked.									
Summary of Assessment Results To-date									
City staff estimates that the cumulative trash load reduction from the four new or enhanced measures implemented in TMA 4 is, at minimum, 19%. Conservatively, 4% from the partial trash capture of the downgradient automatic trash rack receiving drainage from approximately 8.5% of the TMA, and, consistent with the other TMA assessments, 5% from each of the three additional measures: enhanced street sweeping efforts, enhanced storm drain inlet maintenance, and the enhanced Provision C4 and C5 efforts in this retail business district. The trash load reduction effects of the existing, private full capture devices in two of the areas (Area 4A and 4C) in this TMA will be assessed at a later date.									
Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions					19 (minimum)				
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions					8				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA 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	Baseline Generation (Pre-MRP)	0	98.2	1.8	0	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)			After taking into account <u>Full Capture Devices</u>	0	79.0	1.4	19.6
Total Area (Acres)	6.39	Three (3) Wavy Grate Catch Basin Insert Devices installed to-date within the public right-of-way and maintained by City.							
% of TMA	19.6								
% of VH/H/M	19.6								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account <u>all New or Enhanced (post-MRP) Control Measures</u>	0	31.6	0.6	67.8
(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, the same one indicated that also serves TMA 3 and eight (8) of the thirteen (13) acres of TMA Area 4B. As indicated in Section C.2.d of this Report, this trash rack captured 11.6 cubic yards of total debris this reporting period. The average annual total trash/debris capture at this pump station trash rack FY 10/11 through FY 13/14 is 24.9 cubic yards; the lower-than-average current reporting year total is at least partially attributable to the relatively dry period in comparison to the previous years. This pump station received significant post-MRP operational upgrades in FY 2011-12 though the trash rack itself was installed pre-MRP. (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. (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.									
Assessment Methods for Control Measures Other than Full Capture Devices									
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. 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. 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.									
Summary of Assessment Results To-date					Estimated % Trash Reduction <u>in TMA</u> due to New or Enhanced Post-MRP actions	67.8			
City staff estimates that the trash loading from this TMA has been reduced approximately 68% from the combined results of the full-capture devices and the three other new or enhanced measures. After considering the results of the full-capture devices, the cumulative trash load reduction of the three other new or enhanced measures implemented in this TMA is estimated at 60%. Conservatively, 50% from the partial trash capture of the downgradient automatic trash rack receiving drainage from the entire TMA, and, consistent with the other TMA assessments, 5% from each of the two additional measures: enhanced street sweeping efforts and enhanced storm drain inlet maintenance.									
					Estimated % Trash Reduction <u>Jurisdiction-wide</u> due to New or Enhanced Post-MRP actions	8			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA 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	Baseline Generation (Pre-MRP)	0	58.8	35.5	5.7	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)			After taking into account Full Capture Devices	0	58.8	35.5	5.7
Total Area (Acres)	0	No FTC devices are currently installed that treat drainage areas from neighborhood retail districts comprising TMA 6.							
% of TMA	0								
% of VH/H/M	0								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0	50.0	30.2	19.8
<ul style="list-style-type: none"> (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. 									
Assessment Methods for Control Measures Other than Full Capture Devices									
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. 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. Municipal maintenance personnel monitor the effectiveness of their storm drain inlet cleaning efforts, aiming for efficient, effective and full capture of debris. City Provision C4/C5 inspection staff monitor business facility BMPs implementation and any necessary followup.									
Summary of Assessment Results To-date									
City staff estimates that the cumulative trash load reduction from the four new or enhanced measures implemented in TMA 6 is approximately 14%. Consistent with the other TMA assessments, 5% from each of these three measures: enhanced street sweeping efforts, enhanced storm drain inlet maintenance, and the enhanced Provision C4 and C5 efforts in this retail business district. The downgradient automatic trash rack receiving drainage from only approximately 1% of the TMA is estimated to have a negligible effect on the trash load reduction from this TMA.									
Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions					14				
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions					8				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA 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	Baseline Generation (Pre-MRP)	0	0	100	0	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account Full Capture Devices	0	0	88.2	11.8	
Total Area (Acres)	29.97	One (1) Storm-Tek and two (2) Wavy Grate Catch Basin Insert Devices have been installed to-date in catch basins within the public right-of-way that capture drainage from TMA 7 acreage. All three of these devices are maintained by the City.							
% of TMA	11.8								
% of VH/H/M	11.8								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0	0	74.1	25.9
(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) All three of the storm drain inlet catch basins in this TMA currently retrofitted with FTC devices are receiving enhanced maintenance attention as also discussed in the City's Long-Term Trash Load Reduction Plan. (3) 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.									
Assessment Methods for Control Measures Other than Full Capture Devices									
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. 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. Municipal maintenance personnel monitor the effectiveness of their storm drain inlet cleaning efforts, aiming for efficient, effective and full capture of debris.									
Summary of Assessment Results To-date					Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	25.9			
City staff estimates that the trash loading from this TMA has been reduced approximately 26% from the combined results of the full-capture devices and the three other new or enhanced measures. After considering the results of the full-capture devices, the cumulative trash load reduction of the three other new or enhanced measures implemented in this TMA is estimated at 16%. Conservatively, 6% from the partial trash capture of the downgradient automatic trash rack receiving drainage from approximately 12% of the TMA drainage basin, and, consistent with the other TMA assessments, 5% from each of the two additional measures: enhanced street sweeping efforts and enhanced storm drain inlet maintenance.									
					Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	8			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
8 – Commercial/Industrial Areas	416.3	Vehicle litter, inadequate container management	Food packaging, packaging materials	Baseline Generation (Pre-MRP)	0	0	97.3	2.7
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account <u>Full Capture Devices</u>	0	0	97.3	2.7
Total Area (Acres)	0	No FTC devices are currently installed that treat drainage areas from commercial/industrial areas comprising TMA 8						
% of TMA	0							
% of VH/H/M	0							
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices				After taking into account <u>all New or Enhanced (post-MRP) Control Measures</u>	0	0	80.1	19.9
(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 turf 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. (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. (4) Anti-littering and illegal dumping outreach, inspection and enforcement activities consistent with municipal Provision C4 and C5 implementation efforts.								
Assessment Methods for Control Measures Other than Full Capture Devices								
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. 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. City Provision C4/C5 inspection staff monitor business facility BMPs implementation and any necessary followup.								
Summary of Assessment Results To-date								
City staff estimates that the cumulative trash load reduction from the four new or enhanced measures implemented in TMA 8 is approximately 17%. 7% from the partial trash capture of the downgradient automatic trash rack receiving drainage from approximately 14% of the TMA drainage basin, and, consistent with the other TMA assessments, 5% from each of the two additional measures, enhanced street sweeping efforts and enhanced storm drain inlet maintenance. The Maintenance Assessment District efforts contribute to trash load reduction at the site it serves, but that is less than 10% of the area comprising TMA 8 and thus the partial effect may be negligible.								
Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions					17			
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions					8			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
9 – Neighborhood Schools and Religious Facilities	143.0	Pedestrian litter, vehicle litter	Food packaging	Baseline Generation (Pre-MRP)	0	0.2	99.8	0	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)			After taking into account Full Capture Devices	0	0.2	96.2	3.6
Total Area (Acres)	5.13	One (1) Storm-Tek Catch Basin Insert Device has been installed to-date in a catch basin within the public right-of-way that captures drainage from TMA 9 acreage. This device is maintained by the City.							
% of TMA	3.6								
% of VH/H/M	3.6								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account all New or Enhanced (post-MRP) Control Measures	0	0.2	88.5	11.3
(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.									
Assessment Methods for Control Measures Other than Full Capture Devices									
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. 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.									
Summary of Assessment Results To-date									
City staff estimates that the trash loading from this TMA has been reduced approximately 11% from the combined results of the full-capture devices and the four other new or enhanced measures. After considering the results of the full-capture devices, the cumulative trash load reduction of the three other new or enhanced measures implemented in this TMA is estimated at 8%. 3% from the partial trash capture of the downgradient automatic trash rack receiving drainage from approximately 6% of the TMA drainage basin, and, consistent with the other TMA assessments, 5% from the enhanced street sweeping efforts. Results of trash/litter reduction for the litter-reduction school outreach program and the shoreline cleanup activities in this TMA are presently being discussed in the jurisdiction-wide results and additional summary respectively.									
Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions					11.3				
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions					8				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA 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	Baseline Generation (Pre-MRP)	0	0	86.5	13.5
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account Full Capture Devices	0	0	86.5	13.5
Total Area (Acres)	0	No FTC devices are currently installed that treat drainage areas from Alameda Point non-residential areas comprising TMA 10.						
% of TMA	0							
% of VH/H/M	0							
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices				After taking into account all New or Enhanced (post-MRP) Control Measures	0	0	75.3	24.7
(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.								
Assessment Methods for Control Measures Other than Full Capture Devices								
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. 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. City Provision C4/C5 inspection staff monitor business facility BMPs implementation and any necessary followup.								
Summary of Assessment Results To-date				Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	11			
City staff estimates that the cumulative trash load reduction from the three new or enhanced measures implemented in TMA 10 is approximately 11%. 3% from the partial trash capture of the downgradient automatic trash rack receiving drainage from approximately 7% of the TMA drainage basin, and, consistent with the other TMA assessments, 5% from each of the two additional measures, enhanced street sweeping efforts and enhanced storm drain inlet maintenance.								
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions								

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
11 – Parks, recreation and open spaces	162.2	Pedestrian litter, vehicle litter	Food packaging materials	Baseline Generation (Pre-MRP)	0	0	99.6	0.4	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)			After taking into account <u>Full Capture Devices</u>	0	0	99.6	0.4
Total Area (Acres)	0	No FTC devices are currently installed that treat drainage areas from parks, recreation and open space areas comprising TMA 11.							
% of TMA	0								
% of VH/H/M	0								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account <u>all New or Enhanced (post-MRP) Control Measures</u>	0	0	86.7	13.3
(1) Regarding the use of partial capture trash devices, 26.43 acres (16.3% of entire TMA 11) 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 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. (3) And, 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.									
Assessment Methods for Control Measures Other than Full Capture Devices									
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. 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.									
Summary of Assessment Results To-date									
City staff estimates that the cumulative trash load reduction from the three new or enhanced measures implemented in TMA 11 is approximately 13%. 8% from the partial trash capture of the downgradient automatic trash rack receiving drainage from approximately 16% of the TMA drainage basin, and, consistent with the other TMA assessments, 5% from the enhanced street sweeping efforts. Assessment of the results of Recreation and Park Department programs remains to be determined.									
Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions					12.9				
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions					8				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category				
					VH	H	M	L	
12 – Low Trash Areas	3656.5	Pedestrian litter, vehicle litter	Food packaging materials	Baseline Generation (Pre-MRP)	0	0.2	0.4	99.4	
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)			After taking into account <u>Full Capture Devices</u>	0	0.2	0.4	99.4
Total Area (Acres)	47.65	One (1) Storm-Tek and seven (7) Wavy Grate Catch Basin Insert Devices have been installed to-date within catch basins in the public right-of-way and maintained by 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.							
% of TMA	1.3								
% of VH/H/M	0								
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices					After taking into account <u>all New or Enhanced (post-MRP) Control Measures</u>	0	0.2	0.4	99.4
(1) Regarding the use of partial capture trash devices, 192.91 acres (5.3% of entire TMA 12) of TMA 12 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 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.									
Assessment Methods for Control Measures Other than Full Capture Devices									
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. 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.									
Summary of Assessment Results To-date									
City staff estimates that the trash loading from this TMA has been reduced approximately 9% from the combined results of the full-capture devices and the two other new or enhanced measures. After considering the results of the full-capture devices, the cumulative trash load reduction of the three other new or enhanced measures implemented in this TMA is estimated at 8%. 3% from the partial trash capture of the downgradient automatic trash rack receiving drainage from approximately 5% of the TMA drainage basin, and, consistent with the other TMA assessments, 5% from the enhanced street sweeping efforts.									
Estimated % Trash Reduction <u>in TMA</u> due to New or Enhanced Post-MRP actions					9				
Estimated % Trash Reduction <u>Jurisdiction-wide</u> due to New or Enhanced Post-MRP actions					8				

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 creek/shoreline cleanups not reported in C.10.b.iii. Provide a statement regarding the confidence in the estimate and challenges and/or successes in measuring progress towards the 40% trash reduction target described in provision C.10.

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:

- 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 11,776.2 cubic yards of total debris (including trash, litter, organics, sediment).
- Municipal maintenance activities removed approximately 242.0 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 29.2 cubic yards of total trash, litter and debris this reporting period. A subtotal of 11.8 cubic yards of total trash, litter and debris was collected from stormwater pump station trash racks subject to installation or significant operational upgrades since the effective date of the MRP.
- The on-land cleanup in TMA 1 captured 4.23 cubic yards of trash/litter.
- The total volume of trash and litter captured from the installed FTCs in the City of Alameda = 161 cubic feet (approximately 6 cubic yards of total trash/litter/debris).
- Cumulative volume capture of trash/litter/debris from all shoreline Hot Spot cleanups = 28.4 cubic yards.

Installed FTCs currently treat a total of 20.8% of the High Trash Generation land area (75.91 acres of the total of 365.4 acres) and 2.5% of the Medium Trash Generation land area (36.63 acres of the total of 1466 acres). This is summarized as a total estimated trash reduction percentage of 23.2%; it is noted that this value equates with 5.96 cubic yards of trash/litter/debris capture. This offers a working approximation of a conversion factor of three cubic yards of captured trash/litter = 10% load reduction.

Discussion of Trash Reduction Estimates

For the Jurisdiction-wide trash load reduction efforts, 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 post-MRP effective date enhanced street sweeping program is currently being assessed as a 5% reduction in all TMA areas, and thus is essentially a jurisdiction-wide control measures. The results of the street sweeping efforts are detailed in each of the TMA specific discussions above and may be characterized as a jurisdiction-wide result in future reports and trash load reduction program milestone updates. 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 (three-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 2013/14 (10,749 cubic yards/year) is an increase of greater than 5% from the annual average from the previous three-year term, FY 2008/09 through FY 2010/11, (10,209 cubic yards/year).

The trash load reduction efforts of the City's post-MRP effective date enhanced storm drain inlet cleaning program is currently being assessed as a 5% reduction in all of the (higher priority) TMA areas 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 (three-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 2013/14 (132 cubic yards/year) is an increase of greater than 5% from the annual average from the previous three-year term, FY 2008/09 through FY 2010/11, (125 cubic yards/year). The average 7 cubic yard annual increase is converted here to an estimated 5% total trash load reduction.

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. 435.7 acres (7.9% of the total jurisdictional area) drain to stormwater pump stations with automated trash racks installed/upgraded post-MRP. This is converted here to contribute a total of 4% to the estimated total trash load reduction.

The On-land cleanup result in TMA 1s being converted, conservatively with respect to the working conversion factor above, to contribute an additional 5% to the estimated total trash load reduction.

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.

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 creek/shoreline cleanups not reported in C.10.b.iii. Provide a statement regarding the confidence in the estimate and challenges and/or successes in measuring progress towards the 40% trash reduction target described in provision C.10.

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City of Alameda staff has a good level of confidence that we are providing a conservative (i.e. low-end) estimate of the total trash load reduction results, while confidently quantifying high volumes of actual trash load capture and removal both this reporting period and as a reflection of long-term, routine implementation of our trash load reduction plan control efforts. We are confident that we have progressed to the 40% trash reduction target.

Estimated % Trash Reduction due to Jurisdictional-wide Actions	8
Estimated % Trash Reduction due to Trash Full Capture Devices (All TMAs)	23.2
Estimated % Trash Reduction due to Other Control Measures (All TMAs)	19
SubTotal for Above Actions	50.2
Estimated % Trash Reduction due to Creek/Shoreline Cleanups (All TMAs)	9 (conservatively assuming only 10% of total collected material as actual load reduction contribution)
Total Estimated % Trash Reduction in FY 13-14	59.2

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 the Alameda County Clean Water Program's FY 2013/14 Annual Report for a description of related activities conducted at the countywide level.

The City of Alameda's 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 located on Alameda Point. 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. 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 Alameda County Clean Water Program FY 12/13 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 13/14, the following quantities of fluorescent lamps were recycled and dropped off at the Oakland Household Hazardous Waste Facility:
 - 4,225 CFLs
 - 20,448 linear feet of straight fluorescent lamps (or 4,020 4-foot lamps)

- **Municipal Operations Collection Program:** During FY 13/14, the following quantities of fluorescent/HID lamps were recycled through a lamp recycler:
 - 650 CFLs (or 130 lbs.)
 - 2,712 linear feet of straight fluorescent lamps (or 339 lbs. of straight lamps)
 - 363 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
Fluorescent Lamps ⁶² (linear feet)	23,160	0.048057
CFLs ⁶³ (each)	4,875	0.0219375
Thermostats ⁶⁴ (each)	0	0
Thermostats (lbs)	0	0
Thermometers (each)	0	0
Switches (lbs)	0	0
Total Mass of Mercury Collected During FY 2013-2014:		0.0699945

⁶² Only linear fluorescent lamps should be included

⁶³ Only compact fluorescent lamps should be included

⁶⁴ 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 the ACCWP and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of ACCWP's FY 13-14 Annual Report, and the March 2014 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 FY 13-14 ACCWP Annual Report for a description of PCB related training.

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.

The City of Alameda contributes to the implementation of these PCB 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 and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of ACCWP's FY 13-14 Annual Report, and the March 2014 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 against 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.c ▶ Vehicle Brake Pads

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:

During FY 13-14, the City of Alameda participated in implementation of the California Brake Friction Material Law through contributions to the ACCWP (Program), BASMAA and CASQA. For additional information, see the C.13 Copper Controls section of Program's FY 13-14 Annual Report.

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 13-14 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 No , skip to C.15.b.vi.(2):				
If Yes , 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 responsible for planned or unplanned discharges of water from the potable water distribution system.				

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

<p>Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:</p> <ul style="list-style-type: none"> • Promote conservation programs • Promote outreach for less toxic pest control and landscape management • Promote use of drought tolerant and native vegetation • Promote outreach messages to encourage appropriate watering/irrigation practices • Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.
<p>Summary: The City of Alameda has taken an active role in implementing and promoting-through-example water conservation programs. Directly after Governor Brown’s actions in January 2014 concerning the need for statewide water conservation, the City actively pursued ways to reduce municipal-activities water use by at least 20%. Under direction of the City Manager, City departments are identifying and seeking ways to reduce water use both to make a significant positive contribution to water conservation and to perform good public agency role modeling. The most evident example of this within the City of Alameda is the abundance of City-owned turf/open spaces that have dried up and turned brown due to the cessation of irrigation activities. The City’s Recreation and Parks Department, responsible for a preponderance of these areas, has not just turned off the water but also provided abundant outreach signage indicating “Severe Drought - City of Alameda Mandatory Water Restrictions are in effect”. And, 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 also recognizes the East Bay Regional Parks District’s similar local activities and their postings of the humorous and exemplary tagline signs, also seen by numerous City residents, “Brown is the new Green”</p> <p>The City-owned, but independently-operated, golf course complex continues to be a long-standing, flagship example of a recycled/reclaimed</p>

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 currently underway and active through this reporting period have included the completion of the overhaul, modernization and improvement to the nine-hole, par-three course, and planning for the re-grading and modernization of the southern course. The 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.3 New Development and Redevelopment, C.7. Public Information and Outreach, and C.9. Pesticide Toxicity Control sections of the Program's FY 13-14 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 ⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

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

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System ⁶⁶														
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) ⁶⁷	pH (standard units) ⁵²	Discharge Turbidity (Visual) ⁵²	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁶⁸	Inspector arrival time	Responding crew arrival time
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

⁶⁶ This table contains all of the unplanned discharges that occurred in this FY.

⁶⁷ 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.

⁶⁸ 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 13/14 ANNUAL REPORT ATTACHMENTS

TABLE OF CONTENT

<u>Document</u>	<u>Report Section</u>
1. Business Inspection Plan List	C.4.b.iii.1
2. FY 2014/2015 Business Inspection List	C.4.b.iii.2
3. Coastal Clean Up Advertisement	C.7.b.ii.1
4. Earth Day Ad Public Works	C.7.b.ii.1
5. Press Release Eco-Friendly Carwash Fund Raiser	C.7.c
6. Farmers' Market Signed Pledges	C.7.e
7. Coastal Clean Up Survey Results	C.7.e and C.7.g
8. Everything Alameda: True or Rubbish Quiz Game	C.7.e
9. Everything Alameda Survey Results	C.7.e
10. Earth Day Pledges and Booth Photo	C.7.e
11. Bayview Drive Cleanup Announcement Flyer and Cleanup Photos	C.7.g
12. Teachers Evaluation Watershed Ranger Program (School Outreach)	C.7.h
13. Photos Eco-Friendly Student Car Wash Fund Raisers	C.7.h
14. IPM Contract Specifications	C.9.d
15. Copy of Contractors' GREENPRO / IPM Certifications	C.9.d
16. Copy of Contractors' Bay-Friendly Certifications	C.9.d

City of Alameda
Stormwater Program
FY 2014/15 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Angelas' Kitchen	Restaurant/Snack Bar	TBD	1900		3 rd Street
Target Store T-2829	Retail	TBD	2700		5 th Street
Bobac Warehousing	Warehousing	H	300		A Avenue
Taqueria Ramiro	Restaurant	L	2321		Alameda Ave
Grand Marina Warehouse Shops (was Bella Ironworks)	Manufacturing - metal/wood s	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
Velodyne Acoustics (was Pike Properties LLC)	Boat - Marine Services	M	2517		Blanding Ave
Brigdeside 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 Cheese Steak 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	H	633		Buena Vista Ave
SEVEN ELEVEN	Grocer	M	639		Buena Vista Ave
FREDS WRENCHHOUSE	Auto Repair	M	647		Buena Vista Ave
India Palace	Restaurant	M	737		Buena Vista Ave
Puget Sound Int'l	Warehousing	M	1501		Buena Vista Ave
WHITMORES AUTO SERVICE	Auto Service/Repair	M	1701		Buena Vista Ave

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BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Foster's Freeze	Restaurant - fast food	M	630		Central Ave
YumyGurt	Food - dairy	L	650	G	Central Ave
TMIX	tea room	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	TBD	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
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
Q's Halala Chicken (used to be Kabob Central)	Restaurant	M	2306		Central Ave
Alameda Wine Company	Food	L	2315		Central Ave
TROY Alekos Catering (used to be Quickly L-priority)	Restaurant	M	2318	A	Central Ave
Burger Meister	Restaurant	H	2319		Central Ave
Pappo's	Restaurant	M	2320		Central Ave
Viva Mexico	Restaurant	M	2327		Central Ave
Tuttimelon	Frozen Yoghurt & Ice Cream	L	2402		Central Ave
Scobies	Restaurant	M	2431	D	Central Ave
Chestnut-Encinal Market (inspect also JB Seafood & Mariani's Meats within Market)	Grocer	L	1202		Chestnut St
Roosters Roadhouse	Restaurant	L	1700		Clement Ave
Japan Woodworker	Woodworking	L	1731		Clement Ave
Soren Hansen's Woodcraft	Woodworking	L	1731		Clement Ave
CB Roofing	Contractor - yard	M	1814		Clement Ave
SVENDSENS BOATWORKS	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
DB Godfrey	Manufacturing	L	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
MIRACLE COLLISION CENTER	Auto Body/Paint	L	2307		Clement Ave
CJ'S	Manufacturing - metal	L	2318		Clement Ave
FOSS UPHOLSTERY	Auto Repair - Upholstery	L	2318		Clement Ave

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Alameda Discount Auto Service (was Auto Tronics)	Automobile	M	2412		Clement Ave
EMMANUELS MUFFLERS	Auto Repair	M	2413		Clement Ave
Carrol Construction	Contractor - yard	M	2517		Clement Ave
Buestad Construction	Contractor -yard	L	2533		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	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
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 Note for FY 13/14: Conduct all inspections of restaurants at 2300 to 2306 Encinal at the same time and together with property owner	Restaurant	H	2300		Encinal Ave
Café Q (used to be Planet Crepes)	Restaurant	H	2302		Encinal Ave
Sidestreet Pho	Restaurant	H	2304		Encinal Ave
Hang Ten Boiler (used to be Hawaiian Drive-Inn - only bsn name change still same owner!!)	Restaurant	H	2306	A	Encinal Ave
Tapioca Express	Restaurant	H	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 (used to be Bips Burgers)	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	H	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

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PENNZOIL	NOI	H-NOI	2015		Grand St
CITY CENTRAL GARAGE	Municipal	H	2040		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
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
Angelfish	Restaurant	L	883	C	Island Dr
Coffee & Tea Traders	Coffee Shop	L	883	B2	Island Dr
Harbor View Chinese	Restaurant	M	891	A	Island Dr
La Penca Azul (formerly La Pinata)	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
Thomsen's Nursery	Nursery	L	1113		Lincoln Ave
Sumiko Deli/Café	Restaurant - Deli	L	1118		Lincoln Ave
ROYAL AUTO REPAIR	Auto Repair	H	1127		Lincoln Ave
Market Spot (including Luong's Meat Department)	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
Market Spot Meat & Deli	Grocer	L	1200		Lincoln Ave
Alameda Grocery	Grocer	L	2001		Lincoln Ave
Lincoln Market	Grocer	L	2070		Lincoln Ave
Acapulco	Restaurant	TBD	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

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Cardel Catering (inspect with Speisekammer; stores waste containers in Speisekammer parking lot and shares used oil container at Speisekammer)	Caterer	M	2404		Lincoln Ave
Speisekammer	Restaurant	H	2424		Lincoln Ave
OIL CHANGERS	Auto Repair	H	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 (used to be Taqueria Viva Mexico #2)	Restaurant	L	1930	#3	Main St
Ploughshares Nursery	Nursery	M	2701		Main St
BAY SHIP AND 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	Restaurant	TBD	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 and L Barbeque	Restaurant	L	845		Marina Village Pkwy
Marina Village Shopping Center: Property Manager Diana Marquez (310) 820-5443 diana@westfin.com	Retail/Shopping Center	H	845		Marina Village Pkwy
Gourmet Burritos	Restaurant	L	853		Marina Village Pkwy
Certified Tire & Service Center	Auto Repair	H	861		Marina Village Pkwy
Carls Jr.	Restaurant - fast food	H	871		Marina Village Pkwy
Straw Hat Pizza	Restaurant	L	901		Marina Village Pkwy
Hilltop Inn	Restaurant	TBD	1000	100	Marina Village Pkwy
Waterfront Deli	Restaurant - deli	L	1070	#105	Marina Village Pkwy
Rigging International	Contractor - yard	M	2390		Mariner Sq Dr
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	H	2455		Mariner Sq. Dr.
Thai Expressions Café (used to be Feel Good Café)	Restaurant	L	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		TBD	2440		Monarch St

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Conroc Distribution	Boat - Building and Repair	L	2440		Monarch St
Pacific Fine Foods (was Scott Cardel Catering)	Food-catering	L	2480		MONARCH ST
Faction Brewing Company, LLC	Manufacturing - Beer	M	2501	200	Monarch St
Proximo Spirits Inc. (used to be St. George Spirits)	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
Why Cook?	Restaurant	L	1750	125	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	TBD	2200		North Loop Road
SKS DIE CASTING	Manufacturing - metal	M-NOI	1849		Oak St
NRC Environmental Facility #1	Contractor - environmental	H	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
Fresh New York Bagel & Café	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 (used to be Phylly Express Cheesteaks L-priority)	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	M	1260		Park St
Scolaris Good Eats	Restaurant	L	1303		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	M	1324		Park St
Bowzer's Pizza (inspect together with Yellow Tail & C'era una Volta since they share garbage)	Restaurant	M	1330	B	Park St
C'era Una Volta	Restaurant	L	1332	D	Park St
Yellow Tail Japanese Bistro	Restaurant	M	1332	C	Park St

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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
Burma Superstar	Restaurant	M	1345		Park ST
Tuckers Ice Cream	Food - dairy	L	1349		Park St
Spice I Am	Restaurant	M	1353		Park St
House of Bagels	Restaurant	L	1362		Park St
Malay Asian Express	Restaruant	M	1363		Park St
Starbucks Coffee	Food - coffee	L	1364		Park St
Peet's Coffee - inspect with Pappos and Troy	Food - coffee	L	1365		Park St
Capone's Speakeasy	Restaurant	TBD	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	TBD	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 (formerly La Pinata)	Restaurant	H	1440		Park St
Wine & Waffles	Restaurant	TBD	1505		Park St
Linguini's (inspect with Habana Cuban Cuisine)	Restaurant	M	1506		Park St
Ole's Waffle Shop	Restaurant	H	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
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
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

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BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
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
CHEVRON OIL COMPANY	Auto Repair	M	1701		Park St
GERMAN AUTO SERVICED	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
SEE MO CARS (was Ben Anderson Motors)	Auto Sales	M	1812		Park St
ETL Auto Source	Auto Parts	L	1820		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 Appezzato Memori
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
Jonathan's Sandwich shop	Restaurant	L	2316		Santa Clara Ave
American Oak (used to be Barcelona 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 and Sushi	Restaurant	M	2408		Santa Clara Ave
Ton Shen	Restaurant	M	2410		Santa Clara Ave
JERRYS TIRE AND AUTO	Auto Repair	M	2501		Santa Clara Ave
Asena	Restaurant	L	2508		Santa Clara Ave
Mei Mei Restaurant (was Van Sen)	Restaurant	L	2522		Santa Clara Ave
Kamakura Restaurant	Restaurant	L	2549		Santa Clara Ave
Mc Donalds	Restaurant - fast food	M	2239		Shoreline Dr
SOUTH SHORE CAR WASH	Auto Wash	H	2351		Shoreline Dr
Sushi House	Restaurant	L	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

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South Shore Café	Restaurant	M	531	W	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
Trabocco Kitchen (was Zeytini Bar & Grill)	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 (was Pearl's Deluxe) 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
Power Engineering	Contractor - Yard	M	1501		Viking St
All City Moving and Storage	Storage	M	1770		Viking St
Alameda Municipal Power - Viking St Pole Yard		M	1890		Viking St
Sandwich Board	Food - deli	L	2412		Webb Ave
1400 Bar & Grill (used to be New Zealander)	Restaurant	M	1400		Webster St
UP 2U THAI EATERY (used to be Thai Place)	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	TBD	1518		Webster St
Aljazeera Market - Island Market	Grocer	TBD	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
Lin's Fortune Cookie	Restaurant	L	1540		Webster St
Alberts Café	Restaurant	L	1541		Webster St

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CHICHA BISTRO (used to be The Frog & Fiddle)	Resturant	L	1544		Webster St
GREEK MEZE	Restaurant	TBD	1545		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
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
Burger King	Restaurant - fast food	M	1901		Webster St
Bucket O-Crawfish	Restaurant	TBD	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
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
BAY SHIP AND YACHT CO.	Boat - Marine Services	L	1090		West Tower
Crown Bay Convalescent	Food - institutional	M	508		Westline Drive
Alameda Health Care & Wellness Center	Food - institutional	M	430		Willow
Kindred Transitional Care and Rehab - Bayview (was Bay View Nursing and Rehabilitation	Food - institutional	M	516		Willow
Alameda Hospital South Shore Skilled Nursing 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

City of Alameda
Stormwater Program
FY 2014/15 Business Inspection List

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Angelas' Kitchen	Restaurant/Snack Bar	TBD	1900		3 rd Street
Target Store T-2829	Retail	TBD	2700		5 th Street
Bobac Warehousing	Warehousing	H	300		A Avenue
The Boat Yard at Grand Marina	Boat Yard	H-NOI	2021		Alaska Packers Place
Pier 29	Restaurant	M	1148		Ballena Blvd
A-Town Pizza	Restaurant	L	2327	E	Blanding Ave
Dragon Rouge	Restaurant	H	2337		Blanding Ave
Waters Edge Nursing Home	Food - institutional	M	2401		Blanding Ave
The Cheese Steak Shop	Restaurant	M	2671	C	Blanding Ave
Dreams Autoworks	Auto Repair	H	633		Buena Vista Ave
FREDS WRENCHHOUSE	Auto Repair	M	647		Buena Vista Ave
Puget Sound Int'l	Warehousing	M	1501		Buena Vista Ave
Foster's Freeze	Restaurant - fast food	M	630		Central Ave
YumyGurt	Food - dairy	L	650	G	Central Ave
Pho & Baguette	Restaurant	TBD	660	C	Central Ave
Mountain Mike's Pizza	Restaurant - deli	M	714		Central Ave
Valero Service Station	Auto Service/Repair	H	1310		Central Ave
Alameda Wine Company	Food	L	2315		Central Ave
Burger Meister	Restaurant	H	2319		Central Ave
Pappo's	Restaurant	M	2320		Central Ave
Scobies	Restaurant	M	2431	D	Central Ave
Chestnut-Encinal Market (inspect also JB Seafood & Mariani's Meats within Market)	Grocer	L	1202		Chestnut St
Japan Woodworker	Woodworking	L	1731		Clement Ave
CB Roofing	Contractor - yard	M	1814		Clement Ave
SVENDSENS BOATWORKS	Boat Yard	H-NOI	1851		Clement Ave
DB Godfrey	Manufacturing	L	2100		Clement Ave
Alameda Discount Auto Service (was Auto Tronics)	Automobile	M	2412		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
Alameda Auto Care Center	Auto Repair	H	2405		Eagle Ave
Blue Dot Café & Coffee House	Restaurant	L	1910		Encinal Ave
Kobe-Ya Note for FY 13/14: Conduct all inspections of restaurants at 2300 to 2306 Encinal at the same time and together with property owner	Restaurant	H	2300		Encinal Ave
Café Q (used to be Planet Crepes)	Restaurant	H	2302		Encinal Ave
Sidestreet Pho	Restaurant	H	2304		Encinal Ave
Hang Ten Boiler (used to be Hawaiian Drive-Inn - only bsn name change still same owner!!)	Restaurant	H	2306	A	Encinal Ave

City of Alameda
Stormwater Program
FY 2014/15 Business Inspection List

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Tapioca Express	Restaurant	H	2306	B	Encinal Ave
Bluefin Sushi Thai (used to be Bips Burgers)	Restaurant	M	3211	A	Encinal Ave
NRC Environmental facility #2	Contractor Yard	H	1610		Ferry Point
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
Bonfare Market	Grocer	L	1505		High St
Harbor View Chinese	Restaurant	M	891	A	Island Dr
Ralph's Market	Grocer	L	801		Lincoln Ave
Sumiko Deli/Café	Restaurant - Deli	L	1118		Lincoln Ave
ROYAL AUTO REPAIR	Auto Repair	H	1127		Lincoln Ave
Acapulco	Restaurant	TBD	2100		Lincoln Ave
Alameda Auto Center	Auto Repair - smog only	M	2267		Lincoln Ave
Jim's Coffee Shop	Restaurant	H	2333		Lincoln Ave
Speisekammer	Restaurant	H	2424		Lincoln Ave
OIL CHANGERS	Auto Repair	H	2425		Lincoln Ave
Ploughshares Nursery	Nursery	M	2701		Main St
BAY SHIP AND YACHT CO.	Boat Yard - NOI	H-NOI	2900		Main St
Marine Express	Boat - Marine Services - NOI	H-NOI	2900		Main St
Yo Sushi	Restaurant	TBD	807		Marina Village Pkwy
Subway Sandwiches	Restaurant - deli	L	843		Marina Village Pkwy
Marina Village Shopping Center: Property Manager Diana Marquez (310) 820-5443 diana@westfin.com	Retail/Shopping Center	H	845		Marina Village Pkwy
Gourmet Burritos	Restaurant	L	853		Marina Village Pkwy
Certified Tire & Service Center	Auto Repair	H	861		Marina Village Pkwy
Carls Jr.	Restaurant - fast food	H	871		Marina Village Pkwy
Hilltop Inn	Restaurant	TBD	1000	100	Marina Village Pkwy
Mariner Square Dry Stack	Boat - Marine Services	L	2415		Mariner Sq. Dr
Pasta Pelican	Restaurant	H	2455		Mariner Sq. Dr.
HARBOR BAY 76 SERVICE	Auto Service/Repair	M	3255		McCartney Rd
ENGINE WORKS	Auto Repair	M	1923		Minturn
Rockwall Wine Company	Manufacturing - Wine	H	2301	300	Monarch St
Building 43 Winery		TBD	2440		Monarch St
Conroc Distribution	Boat - Building and Repair	L	2440		Monarch St
Proximo Spirits Inc. (used to be St. George Spirits)	Manufacturing	M	2601		Monarch St
World's Best Cheeses West, Inc.	Food Retail	TBD	2200		North Loop Road
NRC Environmental Facility #1	Contractor - environmental	H	1750		Orion St
S & K AUTO	Auto Repair	M	650		Pacific Ave
Fresh New York Bagel & Café (used to be A N Y Bagel Boy also know as BoogieWoogieBagel)	Food - bakery	L	1227		Park St

City of Alameda
Stormwater Program
FY 2014/15 Business Inspection List

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Jack in the Box	Restaurant - fast food	H	1257		Park St
ARCO AM/PM	Auto Service/Repair	M	1260		Park St
Scolaris Good Eats	Restaurant	L	1303		Park St
Juanita's Restaurant	Restaurant	M	1324		Park St
C'era Una Volta	Restaurant	L	1332	D	Park St
Spice I Am	Restaurant	M	1353		Park St
Malay Asian Express	Restaruant	M	1363		Park St
Starbucks Coffee	Food - coffee	L	1364		Park St
Capone's Speakeasy	Restaurant	TBD	1400		Park St
Lola's Chicken Shack, LLC	Restaurant	TBD	1417		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
La Penca Azul (formerly La Pinata)	Restaurant	H	1440		Park St
Wine & Waffles	Restaurant	TBD	1505		Park St
Ole's Waffle Shop	Restaurant	H	1507		Park St
Union 76	Auto Service/Repair	M	1541		Park St
Speedy Smog	Auto Repair - smog only	M	1726		Park St
ETL Auto Source	Auto Parts	L	1820		Park St
China House (Inspect together with Quickly 1431 Park St and Toomies Thai Cuisine 1433 Park St.)	Restaurant	H	2328		Santa Clara Ave
Sakura Café and Sushi	Restaurant	M	2408		Santa Clara Ave
Ton Shen	Restaurant	M	2410		Santa Clara Ave
SOUTH SHORE CAR WASH	Auto Wash	H	2351		Shoreline Dr
Frito Lay	Manufacturing - warehousing	H-NOI	1460		South Loop Rd
Loard's Ice Cream	Food - dairy	L	2265		South Shore Center
Delta Sandblasting	Boat - Industrial painting	H	1501		Viking St
Alameda Municipal Power - Viking St Pole Yard		M	1890		Viking St
Nation's Burgers	Restaurant	H	1432		Webster St
Kapok Seafood Restaurant	Restaurant	H	1511		Webster St
Wescafe 2	Restaurant	TBD	1518		Webster St
Aljazeera Market - Island Market	Grocer	TBD	1525		Webster St
Alameda Pizza	Restaurant	L	1538		Webster St
Lin's Fortune Cookie	Restaurant	L	1540		Webster St
GREEK MEZE	Restaurant	TBD	1545		Webster St
SHELL OF ALAMEDA	Auto Service/Repair	H	1601		Webster St
Chevron on Webster	Auto Service/Repair	H	1802		Webster St

City of Alameda
Stormwater Program
FY 2014/15 Business Inspection List

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
ALAMEDA OAKLAND TIRE	Auto Repair	M	1825		Webster St
Jack in the Box	Restaurant - fast food	H	1826		Webster St
Bucket O-Crawfish	Restaurant	TBD	1919		Webster St
Alameda Municipal Power - Cartwright Substation	Municipal	M	90		West Atlantic
GroupDelphi Productions	Manufacturing	L	950		West Tower
BAY SHIP AND YACHT CO.	Boat - Marine Services	L	1090		West Tower
Kindred Transitional Care and Rehab - Bayview (was Bay View Nursing and Rehabilitation)	Food - institutional	M	516		Willow
Alameda Hospital South Shore Skilled Nursing Center	Food - institutional	H	625		Willow

Join the City of Alameda for...

Coastal Cleanup Day!

Help Keep Our Beaches Clean

Saturday, September 21st • 8:30am – Noon

Sign in at Shore Line Drive & Westline Drive

(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 or 1(888) 327-2757



More Cleanups

These Alameda marinas are also holding Coastal Cleanup events 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

Eco-Fact:

An estimated 14 billion pounds of trash, much of it plastic, is dumped into the world's oceans every year.

Recycle your refreshment containers!

East Bay
Regional Park District



CALIFORNIA
COASTAL
COMMISSION

aci
ALAMEDA COUNTY INDUSTRIES
ALAMEDA

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



For more information call (510) 747-7930.

Get a Free Reusable Bag!* To get yours, take a survey at the Clean Water Program booth

*Supplies are limited

MAKE EARTH DAY MATTER EVERY DAY



All year round, City of Alameda Public Works strives to make Alameda a cleaner, greener place to live. Here are some of the ways we help you turn every day into Earth Day.



WANT TO PROTECT YOUR HOME, GARDEN, BEES & THE BAY?

Visit the Clean Water Program Booth at the Alameda Earth Day Festival!

Learn all about ...

- The connection between storm drains and the Bay.
- Non-toxic pest control solutions.
- Native California plants & why they're better for our water (and easier to grow).

Learn more at AlamedaCleanWater.org.



RECYCLING CONSERVES WATER

During a drought, it's more important than ever to recycle.

- Recycling one ton of paper saves 7,000 gallons of water.
- Recycling one ton of glass requires 50% less water (12,000 gallons) than making glass from raw materials.
- Recycling aluminum creates 97% less water pollution than making new metal from ore.

Learn more at AlamedaRecycles.org.



FREE TRANSPORTATION SERVICES

Estuary Crossing Shuttle

- Takes commuters to and from BART
- Carries up to 10 bicycles (and their owners)
- Links College of Alameda and Laney College



The Freedom to Ride

Expand your transportation and enjoy the ride. The City of Alameda has free and subsidized transportation options for seniors and people with disabilities.



Learn more at www.EstuaryXingShuttle.org and AlamedaParatransit.com.



RECYCLE USED MOTOR OIL AND FILTERS

Find an Oil Recycling Center near you. Learn more at RecycleUsedOil.org.



PRESS RELEASE

May 13, 2014
FOR IMMEDIATE RELEASE

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

Public Works Helps Coordinate Local Students and Business to Hold Eco-Friendly Carwash Fundraisers

The City of Alameda Public Works Department's Clean Water Program has helped two fundraising groups partner with Follow Charlie Car Wash. Holding these fundraisers at a commercial carwash protects the Bay from pollution caused by wash water runoff entering the storm drains, which flow directly to the Bay without treatment. Commercial carwashes instead collect and treat the wash water before discharging it to the sanitary sewer system, which carries the wastewater to treatment plants.

Commercial carwashes also use significantly less 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.

The two upcoming fundraisers in May will help support local students, keep the Bay clean, and reduce water use. Organizers will wash patrons' cars for a set price. The events are:

- **Saturday May 17th from noon to 4 pm**, organized by Alameda Pirates Football & Cheer; and
- **Saturday May 31st, from 9:00 am to 4 pm**, organized by Alameda High School Senior Class.

The fundraisers will be held at Follow Charlie Car Wash, 1700 Everett Street, at the corner of Everett and Buena Vista.

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 pollution during everyday activities. Learn more about pollution prevention and the Clean Water Program at www.alamedaca.gov/go-green/green-water.

For more information, please contact Liam Garland, Administrative Services Manager, Public Works at 510-747-7951 or PGuccion@alamedaca.gov.

#####

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

Please sign your name below:

Angela Unsworth
David M. Coffey
Jing Aguilera

Steve Konkelt
Daniel's Jack

Nancy Meyer

Willburd
Betsy Hood

Angela

JYAN ADEWA

Mona Hyde

Hana Smith

Michelle Nguyen

CHARISCA S.

Yollanda Gonzalez

Hector Ldl/2/22

Luzene Cei

Eli Carter

Kulwinder Kaur

Chris Curb

Melvin K

Anthony

Ron A. Tappin

Stacey Fong

Isabelle Burgos-Corales



May Ellen Mcmurdren



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

Please sign your name below:

LISA CORMAN
JANE WANG
LEO RICHARDS
Carolyn Jelfrich
Eva Villegas
Suzanna Glenn
Mary Ann Jean
Elaine Magalit
Shi & Wu

ANNA
Eva HANDRAE
Laureana DeLeon
Bereket Binyam

Karen Chin
Ann Walker
Judy Yuen
Luis Reilly
JAMIE
Cynthia Chato
Evangeline Pagud
Irene Pagud
A. Pich

Prima Pittes
Felix Pittes
Dorlene Law



25



I pledge to use my reusable bags.

Please sign your name below:

[Signature]

Anaceli Petros

Arampie T. Papad

Pat Kurzman

John Terrence

Daulibang

[Signature]

GORDON Yarb

Joy May

May Putz

Cindy Liner

Jean Anderson ER

Dahlia

[Signature]

Te's den

Louise Allen-Reggie

Ferda Martin

Louisa Lasker

Lynn Gok

Thai's Tracy Fong

Thai's T. Nait

[Signature]

Mz Moni's

[Signature]



I pledge to use my reusable bags.

Please sign your name below:

LISA CORMAN

JANE WONG

Suse cheng

~~Mark~~

Colleen Lapini

Arnel Ocampo

Carina de Guzman

Cindy chung

Xilean Heng

Heather Acevedo

Mike

Con Cross

Idellon

Lisa Young

MARIA PIAANO

Kia Foster

Jenny Jones

Karen Chin

Frishta

Jim Lee

Alice Gomez

Bob Reilly

Lydon

Phou Zi

Ella McDonald

Sarah Dyer

70



Pledge to protect your home, garden & the Bay **Bee**

I pledge to plant the native wildflower seeds I'm receiving today.



Please sign your name below:

~~Margaret Bogata~~

Ardisa Belts

Aimee ^{!!}

Ada X. Zhang ^{!!} [♡]

Ricky

Shereen

Sara Hasler

B J Z



THANKS!



Pledge to protect your home, garden & the Bay ~~Water~~ **Bee**

I pledge to plant the native wildflower seeds I'm receiving today.



Please sign your name below:

Denz Dupin
Brenda West
Ginda Sells
Karen Chin
Ashley Sills
M. W. Geringer & Bowlin
Misti Walby
L. Duckworth
Steve Yip
TERESA SCHUMACHER
Kathy Collins
VZ FERRARI
Cheryl Be Davor (MN)
Bonnie Bone
Mike Bur
Nicole Shepard
Lan Lan
Margaret Skovrath
Eva
Lana Chernyavsky
Chloe Ng
Jordan
Bethany



Pledge to protect your home, garden & the Bay ~~Bay~~ Bee

I pledge to try one non-toxic
pest control recipe in my home or garden.

Please sign your name below:

my sign

Brenda Wadsworth
Nitty Johnson
Rosemarie Delaney

Justin

Umer

Jacob Simao

Aimee Salazar

Ada Zhang

Amir

Ada Jimin



COASTAL CLEAN UP SURVEY TALLY SHEET
September 21, 2013

1	What is your Zip Code?						Total Surveys 25
	94501	13					
	94502	3					
	94551	1					
	94578	1					
	94589	1					
	94601	2					
	94609	1					
	94611	1					
	94804	2					
2	What dominant types of trash did you pick-up at today's Coastal Clean-Up. Check all that apply:						
	Biodegradable paper/food items	4					
	Bottle caps/lids	17					
	Cigarette butts/filters	24					
	Pieces of hard plastic	17					
	Plastic food wrappers	13					
	Plastic bags	3					
	Plastic bottles	5					
	Straws/stirrers	11					
	Styrofoam	14					
	Other:						
	Tiny pieces of paper	1					
	Broken glass	2					
	Cans	1					
3	Throwing banana peels, apple cores, or your leftover sandwich from the car is <u>not</u> littering because these items are biodegradable.						
	TRUE	2					
	FALSE	22					
	Don't Know	1					
4	Litter on our streets has a negative impact on San Francisco Bay.						
	TRUE	23					
	FALSE	2					
	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?						
	Rain water carries cigarette butts/litter into storm drains that drain directly to the Bay without any treatment.						
		21					
	Rain water carries cigarette butts/litter into storm drains that drain to a wastewater treatment plant where trash is removed.						
		1					
	Undecided /Don't Know	2					
	Blank	1					

COASTAL CLEAN UP SURVEY TALLY SHEET
September 21, 2013

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)?						
	Yes	22					
	No	1					
	Undecided	2					
7	What is the Pacific Garbage Patch?						
	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.						
		2					
	Both of the above	20					
8	What contributes the <u>most</u> to the Pacific Garbage Patch? Choose one:						
	Boaters	2					
	Cruise Ships						
	Marinas						
	Land-generated wastes that end up in our waterways.	23					
9	Email address: SEE VOLUNTEER LIST						
10	I'm interested in receiving information about additional volunteer litter clean up opportunities in Alameda.						
	Yes	21					
	No	3					
	Blank	1					

1. **The water that goes down the storm drain is processed at a wastewater treatment plant that removes cigarette butts and other litter on City streets.** *True or Rubbish?*

RUBBISH! If you look closely, most storm drains have a stencil on them that says “No Dumping: Drains to Bay.” That’s really true. Anything that goes down the storm drain flows directly into the Bay and ultimately into the Pacific ocean.

2. **Plastics do not biodegrade (break down/compost) and last forever.** *True or Rubbish?*

TRUE! Plastics photodegrade with exposure to sunlight (UV light) into smaller and smaller pieces, but they will never go away.

3. **Disposable plastics, like bags and bottles, are the main source of plastic pollution in the ocean.** *True or Rubbish?*

TRUE! The good news is that means you can I can prevent a lot of ocean pollution just by choosing reusable bags and containers.

4. **Rain carries cigarette butts and other litter on City streets into storm drains that drain directly to the Bay without treatment.** *True or Rubbish?*

TRUE! In Alameda storm drains flow directly to the Bay without treatment.

5. **After plastics enter the marine environment they slowly photodegrade into smaller pieces that marine life can mistake for food.** *True or Rubbish?*

TRUE! Animals often mistake plastics for food. Eating plastics causes animals to starve by blocking their intestinal tract.

6. **“Bio-plastics” are made from plants and are therefore fine to throw out wherever you want to.** *True or Rubbish?*

RUBBISH! Even in a controlled environment, like a commercial composting facility, these supposedly “biodegradable” containers, utensils, etc. take very a long time to break down.

7. **Litter gets into the Bay by way of storm drains, creeks and other waterways** *True or Rubbish?*

TRUE! The storm drains and creek systems can even carry litter from the Oakland Hills into the Bay.

8. **The so-called Pacific Garbage Patch, which is made up of marine debris including lots of plastic, is twice the size of Texas.** *True or Rubbish?*

TRUE! Exposure to sunlight (UV) and wave action causes these floating plastics to fragment, breaking into increasingly smaller particles, but they never completely disappear. This plastic pollution is a serious hazard for marine wildlife.

9. **About 75% of the plastics we buy are recycled.** *True or Rubbish?*

RUBBISH! We currently recover only 5% of the plastics we produce. What happens to the rest of it? Roughly 50% is buried in landfills, some is remade into durable goods, and much of it remains “unaccounted for,” lost in the environment where it ultimately washes out to sea.

10. **A little more than half of all litter you find on the ground is food and beverage packaging.** *True or Rubbish?*

TRUE! The good news is that you and I can make Alameda a litter-free place by properly disposing of food and beverage packaging.

11. **Studies have shown that about 55 percent of all littering is done on purpose, by people deliberately dropping items on the ground.** *True or Rubbish?*

TRUE! The good news is that you and I can make Alameda a litter-free place by choosing to be mindful of the earth and properly disposing of all trash.

12. **Throwing an apple core or a banana peel from the car is not littering because these items biodegrade (compost).** *True or Rubbish?*

RUBBISH! Throwing banana peels or apple cores from the car is still littering even if these items are biodegradable. Littered food scraps can take up to 2 years to biodegrade.

13. **It's okay to drop candy wrappers, cigarette butts, or beverage containers on the ground when there is no trash/recycle bin around.** *True or Rubbish?*

RUBBISH! Disposing of anything on the ground is considered littering.

14. **Plastics in the ocean do not harm seabirds or marine mammals.** *True or Rubbish?*

TRUE! Every year 1 million seabirds and 100,000 marine mammals die from eating or getting entangled in plastics. Eating plastics causes the animals to starve by blocking their intestinal track. Entanglement may prevent the animals' ability to move, feed, and breathe.

15. **Plastic bags can kill living corals.** *True or Rubbish?*

TRUE! Plastic bags wrap around living corals and can kill them by preventing the corals from breathing.

16. **Cigarette butts found on City streets do not harm the environment because they are made of cotton.** *True or Rubbish?*

RUBBISH! Cigarette butts are made of cellulose acetate and take decades to biodegrade. Toxic residues in cigarette butts are damaging to the environment and are poisonous to wildlife.

17. **You can help reduce litter on City streets and the environment by refusing to use disposable beverage containers.** *True or Rubbish?*

TRUE! You and I can make a difference by bringing our own water bottle and coffee mug.

18. **Cruise ships dumping trash in the Pacific Ocean are the biggest cause of the Pacific garbage patch.** *True or Rubbish?*

RUBBISH! Land-generated wastes/litter that end up in our waterways are biggest cause for the Pacific garbage patch.

EVERYTHING ALAMEDA SURVEY TALLY SHEET
September 28, 2013

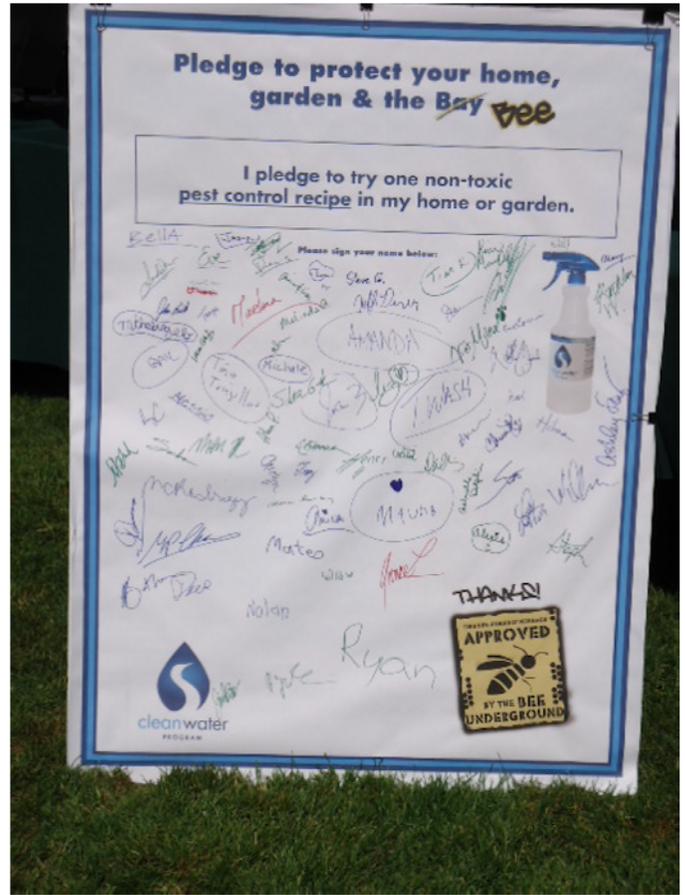
1	What is your Zip Code?						Total Surveys 116
	94122	1					
	94501	80					
	94502	8					
	94506	1					
	94510	1					
	94513	1					
	94538	1					
	94555	1					
	94556	1					
	94560	1					
	94566	1					
	94577	1					
	94578	1					
	94580	1					
	94587	1					
	94601	2					
	94606	3					
	94608	1					
	94618	2					
	94621	1					
	94709	1					
	94801	1					
	95139	2					
	97303	1					
	Blank	1					
2	When you are walking around town, what types of litter do you recall seeing most?						
	Fast food waste	72					
	Beverage cups	58					
	Bottle caps/lids	35					
	Cigarette butts/filters	66					
	Plastic food wrappers	43					
	Plastic bags	43					
	Plastic bottles	44					
	Straws/stirrers	22					
	Styrofoam	26					
	Other:						
	Vodka Bottles	1					
	Dog Poop	1					
	Diapers	2					
	Wrappers	1					
	Paper	1					
	Cigar Wrappers	1					
3	Throwing banana peels, apple cores, or your leftover sandwich from the car is <u>not</u> littering because these items are biodegradable.						
	TRUE	4					
	FALSE	105					
	Don't Know	7					

EVERYTHING ALAMEDA SURVEY TALLY SHEET
September 28, 2013

4	Litter on our streets has a negative impact on San Francisco Bay.						
	TRUE	106					
	FALSE	5					
	Don't Know	5					
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?						
	Rain water carries cigarette butts/litter into storm drains that drain directly to the Bay without any treatment.						
		101					
	Rain water carries cigarette butts/litter into storm drains that drain to a wastewater treatment plant where trash is removed.						
		7					
	Undecided /Don't Know	8					
6	What is the Pacific Garbage Patch?						
	A swirling mass of human-created plastic waste in the middle of the Pacific Ocean.						
		15					
	Plastic litter from our waterways carried into one general area of the Pacific Ocean by the convergence of currents.						
		12					
	Both of the above	87					
	Undecided /Don't Know	2					
7	What contributes the <u>most</u> to the Pacific Garbage Patch? Choose one:						
	Boaters	3					
	Cruise Ships	9					
	Marinas	4					
	Land-generated wastes that end up in our waterways.	104					
	Blank	2					
8	What are things you can do to help reduce litter? Check all that apply:						
	Bring your own water bottle and coffee mug	10					
	Say NO to straws	4					
	Use wax paper to pick up after pets						
	Bring your own reusable bag	12					
	All of the above	103					
9	Email address: SEE VOLUNTEER LIST						
10	I'm interested in receiving information about additional volunteer litter clean up opportunities in Alameda.						
	Yes	46					
	No	55					
	Blank	15					



Earth Day Planting Native Seed Packet Pledges



Earth Day Non-Toxic Recipe Pledges



Earth Day Clean Water Program Booth

Bayview Estates Homeowners Association

Shoreline Cleanup!

Saturday, April 19 | 9AM - Noon

Sign in at pier along bay trail behind 2810 Bayview Drive

Cleanup Checklist:

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

Meet Neighbors as We Beautify the Neighborhood:

- Coffee and bagels are available before cleanup
- Celebrate Earth Day with a post-cleanup BBQ on the pier

Sponsored by the Bayview Estates Homeowners Association

Eco-Fact:

An estimated 14 billion pounds of trash, much of it plastic, discharges into the world's oceans every year. **Recycle your refreshment containers!**



For more information, call (503) 998-2110 or email olivia.rebanal@gmail.com.

Get a free reusable bag!

Check in after cleanup with the Clean Water Program Representative.

MEMBER OF



clean water
PROGRAM



Bayview CleanUp 4-19-14



Bayview CleanUp 4-19-14



Bayview CleanUp 4-19-14



Bayview CleanUp 4-19-14



Bayview CleanUp 4-19-14



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Bayview CleanUp 4-19-14



Bayview CleanUp 4-19-14



Bayview CleanUp 4-19-14

Watershed Rangers Program Evaluation

Teachers were asked to respond to the following four statements after the completion of the Watershed Rangers Program.

N= 5

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Participation in the Watershed Rangers Program has:					
increased my students' awareness of the storm drain system.	0 0%	0 0%	0 0%	1 20%	4 80%
increased my students' concern about storm drain pollution.	0 0%	0 0%	0 0%	2 40%	3 60%
increased my students' desire to reduce pollution in their watershed.	0 0%	0 0%	0 0%	2 40%	3 60%
I would recommend the Watershed Rangers Program to other classroom teachers.	0 0%	0 0%	0 0%	1 20%	4 80%

Five out of the ten teachers that participated in the program returned the program evaluation form. One hundred percent of the teachers that participated in the evaluation process agreed or strongly agreed that they would recommend the program to other classroom teachers.

KIDS for the BAY

Teacher Evaluation Form Watershed Rangers Program

NAME: Elizabeth Escalante SCHOOL: Ruby Bridges DATE: 4/29/14

1. Please describe your overall impressions of the Watershed Rangers Program.

I think it's wonderful! It is run by professional, educated and caring people. That all "trickles" down to the students who learn & have fun doing it!

2. What were your class' favorite activities from the classroom workshop and why?

The students favorite activities: learning about how pollution effects water & animals, looking at the maps and doing something to help that day - by going around the school to pick up trash! They enjoyed actively helping and feeling like scientists as they kept a tally chart of their progress.

3. What impact did your action project have? Who did your action project affect (i.e. the school community, students' parents, local business owners, the school neighborhood)?

It affected our classroom & school community - ^{seen} the students pick up trash without being asked, and they are thinking about their role in our environment. The families who came seemed interested and impressed. It seemed a great activity for all of us to work toward a common goal.

4. Have you noticed a change in awareness, attitude, and/or behavior in your students as a result of the program? If so, please describe how.

Yes... they get out of line to pick up garbage... more students in my class are volunteering for the "Green Team" during lunch (helping to recycle in the cafeteria), and students talk about wanting to care for the surroundings.

5. Please suggest any improvements to the Watershed Rangers Program.

NONE

6. Any other comments?

Thank you!

Respond to each statement by checking the response that best reflects your feelings:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Participation in the Watershed Rangers Program has:					
increased my students' awareness of the storm drain system.					✓
increased my students' concern about storm drain pollution.					✓
increased my students' desire to reduce pollution in their watershed.					✓
I would recommend the Watershed Rangers Program to other classroom teachers.					✓

Thank you for your commitment to environmental science education!



Alameda Pirates Eco-Friendly Carwash Fundraiser 5/17/14



Alameda Pirates Eco-Friendly Carwash Fundraiser 5/17/14



Alameda High School Senior Class Eco-Friendly Carwash Fundraiser
5/31/14



Alameda High School Senior Class Eco-Friendly Carwash Fundraiser
5/31/14

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



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 above 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



The Bay-Friendly Landscaping & Gardening Coalition confirms that

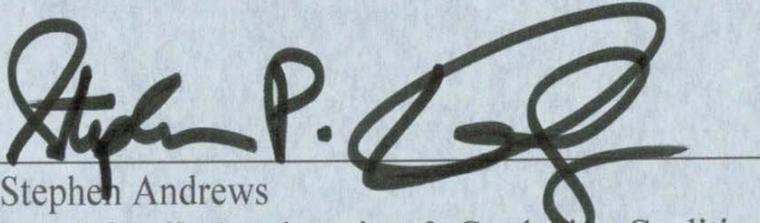
John Gingrich

has met the requirements to become a

**Bay-Friendly Qualified Landscape
Maintenance Professional**

effective March 25, 2014.




Stephen Andrews
Bay-Friendly Landscaping & Gardening Coalition

**Eric Hoeschen
Terracare Associates**

2012



2014

**BAY-FRIENDLY LANDSCAPE
MAINTENANCE PROFESSIONAL**