CITY OF ALAMEDA

FISCAL YEAR 2015/2016 ANNUAL REPORT

OF STORMWATER PROGRAM IMPLEMENTATION

MEMBER OF

cleanwater

PROGRAM

Submitted to:

California Regional Water Quality Control Board, San Francisco Bay Region

September 29, 2016

City of Alameda, California

September 29, 2016

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

ATTN: Selina Louie, RWQCB WRCE

Re: City of Alameda Clean Water Program, Fiscal Year 2015/2016 Annual Report

Dear Mr. Wolfe:

Enclosed is the City of Alameda's Fiscal Year 2015/2016 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,

Robert Haun
Public Works Director

RH:jn

enclosure

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Public Works Department
950 W. Mall Square, Room 110
Alameda, California 94501
510 747-7900 Fax 510-769-6030 TTY 510-522-7338

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

ATTACHMENT B

Table of Contents

Section **Page**

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:	R2-2015-0049				
Reporting Time Period (month/year):	July 2015 through June 2016				
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			**Title:**	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) 747-7950	**Fax Number:**			(510) 769-6030
E-mail Address:	jbarse@alamedaca.gov				

Section 2 - Provision C.2 Reporting Municipal Operations

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

Summary:
The following is a summary of City of Alameda municipal maintenance activities, accomplishments, and training activity not otherwise summarized in this Report that support the cause of stormwater quality protection:

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 24,438 miles of roadway and removed approximately 12,251 cubic yards of debris and 468 cubic yards of leaves from city streets.

Storm Drain Infrastructure Maintenance Program
This reporting year City maintenance staff cleaned 3784 storm drainage structures during routine inspection and maintenance efforts and removed approximately 266 cubic yards of debris. This volume total is in addition to the trash/debris totals removed during the maintenance efforts of trash full capture devices detailed below and in Section C.10.a.

Trash Full Capture Device Maintenance Program
This reporting year this City maintenance program cleaned 204 storm drainage trash full capture devices during routine inspection and maintenance efforts and removed approximately 283 cubic feet and an additional 549 gallons of debris.

Alameda County Clean Water Program Municipal Maintenance Subcommittee Participation
City staff continues to actively participate in the Alameda County Clean Water Program's Municipal Maintenance Subcommittee, associated work groups and training sessions. Please refer to the C.2 Municipal Operations section of the Alameda County Program's FY 15/16 Annual Report for a description of activities implemented at the countywide and/or regional level.

Alameda County Clean Water Program Municipal Maintenance Subcommittee Workshop
One Public Works Department Maintenance staff from the City's fleet service center attended the Municipal Maintenance Subcommittee's workshop held on June 30, 2016 in Hayward, CA, focusing on corporation yard stormwater pollution prevention plans (SWPPPs) and SWPPP implementation.

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 Public Works Maintenance personnel, during their normal duties, prevent non-stormwater discharges of any washwaters from surface cleaning activities. Also, City project manager involved in Business District sidewalks and plazas cleaning programs ensures that the selected contractor adheres to BASMAA's Surface Cleaning BMPs. And, Clean Water Program staff distributes model contract specification regarding the BASMAA Mobile Surface Cleaner Program and BMPs to City department personnel for contract implementation as needed.

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. And, there were no City-contracted bridge maintenance activities this reporting period either. City maintenance personnel are trained in and implement proper BMPs for graffiti removal activities.

C.2.e. ►Rural Public Works Construction and Maintenance

Does your municipality own/maintain rural[1] roads:		**Yes**	**X**	**No**

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

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

NA	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
NA	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
NA	No impact to creek functions including migratory fish passage during construction of roads and culverts
NA	Inspection of rural roads for structural integrity and prevention of impact on water quality
NA	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
NA	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
NA	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings

Comments including listing increased maintenance in priority areas:

As indicated above, the City of Alameda does not own/maintain any rural roads, so responses in this section have been indicated as **NA**.

[1]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):

	We do not have a corporation yard
	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
X	We have a **Stormwater Pollution Prevention Plan (SWPPP)** for the Corporation Yard(s)

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

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

Comments:

City maintenance personnel perform regular, routine duties and inspections to keep the municipal corporation yards and other storage/maintenance facilities in good order throughout the year. City CWP staff also performs annual inspections with facility 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**
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)	9/16/15	Golf Course Maintenance Yard is generally very orderly. SWPPP practices and controls are being implemented and maintained. No non-stormwater discharges were observed. There was one needed spot correction noted: cleanup of oil spot on pavement in the heavy equipment storage area.	The oil spot on pavement was treated with absorbent during the inspection. Maintenance Yard staff verbally confirmed that the applied absorbent and oil spot on pavement was cleaned up by the end of the work day.

City of Alameda Fleet Services Center (formerly referred to as City Garage) 2040 Grand Street	9/21/15	City fleet vehicle repair services occur at this facility operating in conjunction with but distinct from the remainder of the City Public Works Department Maintenance Services Center (City Corporation Yard). SWPPP controls and practices at this facility are being implemented and documented. Facility at time of inspection was very clean. No non-stormwater discharges were observed. One needed spot correction was noted: Clean up litter/debris in the semi-public parking lot on the boat ramp side of facility.	The spot cleanup of the debris in the parking lot facing the public boat ramp was completed at the end of the inspection.
Alameda Municipal Power Service Center, 2000 Grand Street	9/22/15	Facility BMPs good. No non-stormwater discharges were observed though several spot cleanups/ corrections were needed: (1) Clean up loose soil along curbline near east gate; (2) Clean up vehicle leak-absorbent pile accumulation on carport pavement; (3) Sweep up loose debris under and around dumpsters; (4) Clean up oily grime residues in equipment shed in NE corner.	Received update on 9/30/15 re: completion of dumpster area cleanup and other spot sweeping, and status of other on-going corrections. Received final update and photo confirmation on 11/12/15 that application of additional mulch in landscape area (to prevent loose soil dispersal) had been completed and all corrections completed.
City Maintenance Services Center (City Public Works Department Corporation Yard) 1616 Fortmann Way	9/23/15	Facility is clean and orderly. No non-stormwater discharges were observed. SWPPP practices and controls are being implemented and documented. One needed spot correction was observed: Cleanup of litter/debris behind the ramp area.	The cleanup of the litter/debris near and behind the ramp area was completed by the end of the inspection.

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

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

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

The following briefly summarizes the City of Alameda's efforts implementing requirements of Provision C3.

(1) The City has the legal authority to implement the requirements of Provision C.3. The Alameda Municipal Code (AMC) Ordinance reference is the City's Stormwater Management and Discharge Control Ordinance, AMC Chapter 18, Article III, Sections 18-21 through 18-25.

(2) The City's development review and permitting procedures, including the use of standard conditions of approval and project-specific comments and conditions crafted during application, design review and improvement plan submittal reviews, provide the mechanism to implement the requirements of Provision C.3. The City's standard conditions of approval for both development projects and subdivisions and project-specific comments and conditions of approval are up-to-date with the current Provision C.3 requirements for Regulated Projects, Provision C.3.i. projects, and other projects that are subject to formal City approvals, permitting and review authority.

(3) Impacts on water quality and respective mitigation measures are addressed in environmental reviews (e.g., CEQA) through written City staff comments and input indicating that compliance with the City's stormwater ordinance and State water quality permit programs are essential practices to mitigate for potential environmental impact.

(4) City Public Works and Community Development Department staff members are included in the Alameda County Clean Water Program's New Development Subcommittee correspondence regarding training. One City staff member has been actively involved in this subcommittee's training planning workgroup this reporting period. Please reference the Alameda Countywide program's annual report for more information regarding training planning efforts and in-meeting in-services/trainings coordinated at the Countywide level this reporting period.

(5) City staff annually implements a pre-rainy season BMP implementation reminder effort to City staff involved in active development and development planning projects, active City contractors, active developers and active general contractors responsible for State Construction General Stormwater NPDES Permit sites. This letter meets the minimum requirements of the Provision C.6.e.ii.(1) Wet Season Notification requirements and lengthens the distribution list beyond the C.6.e.ii requirement standard.

(6) The encouragement of site design and source control measures at unregulated projects subject to the City's Community Development (Planning/Building) Department review is accomplished through the use of the City of Alameda Standard Conditions of Approval that state, in part, that:

- The construction improvement plans shall incorporate permanent stormwater treatment controls and/or design techniques to manage the quantity and quality of stormwater runoff from a planned development to prevent and minimize impacts to water quality. Efforts shall be taken to minimize impervious surface areas, especially directly connected impervious surface areas. Roof drains shall discharge and drain to an unpaved area wherever practicable. Design techniques may include vegetated swales, vegetated buffer zones, bioretention units, retention/detention basins and ponds, tree well systems, the incorporation of pervious surface areas, and Low Impact Development (LID) measures. Stormwater treatment measures shall be constructed consistent with

the latest version of the Alameda County Clean Water Program's Provision C3 Technical Guidance Manual. Applicants may also refer to the Bay Area Stormwater Management Agencies Association (BASMAA) Start at the Source Manual for technical guidance.

- Final landscape plans should ensure that all landscaping and landscape-based stormwater treatment measures are designed to minimize irrigation and runoff, promote surface infiltration where appropriate, and minimize the use of fertilizers and pesticides that can contribute to storm water pollution. As appropriate, integrated pest management (IPM) principles and techniques shall be incorporated into the landscaping design and specifications.
- All new storm drain inlets shall be clearly marked with the words "No Dumping! Drains to Bay," or equivalent, as approved by the Public Works Director
- Design of all external enclosures for solid waste, recycling, and organics shall be approved by the Public Works Director prior to approval of the improvements plans, parcel/final map(s), or the building permit, whichever comes first. If no building permit is required, the plans must be approved by the Public Works Director prior to establishment of the use. These facilities are to be designed to prevent water run-on to the area, runoff from the area, and to contain litter, trash, and other pollutants, so that these materials are not dispersed by the wind or discharged to the storm drain system. External enclosures are to be roofed and/or enclosed. Any enclosures containing food waste shall have floor drains connected to the sanitary sewer system.
- In addition, the Provision C3 Stormwater Requirements Checklist, developed by the Alameda Countywide Clean Water Program and utilized by the City, is required for completion by development project applicants. This checklist requires the applicant to review site design, source control and stormwater treatment requirements that may be applicable to their project sites.

(7) The City's General Plan reflects priorities to promote water quality, non-point source and urban runoff pollution prevention, flood protection and habitat protection. There have been no recent updates to the City's General Plan.

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

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

The City of Alameda was actively involved in the Regulated Projects review process during this current reporting period. The City of Alameda has completed the Regulated Projects Reporting Table to summarize this Regulated Projects activity for FY 2015-16. Please see the detailed entries for both Private and Public projects in the C.3.b.iv.(2) Reporting Table below. Best efforts have been made to maintain naming-consistency for the various facility/project names and phases through the City's recent annual reports. Regulated Projects are listed in the same order in both Part One and Part Two of this Table and are listed chronologically based on the "Application Deemed Complete Date" data column (or, for Public Projects, the "Approval Date" data column) in Part Two of this Table.

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

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

Summary:

The City of Alameda is following the design specifications included in the ACCWP C.3 Technical Guidance Manual. In addition, City project development staff for one City of Alameda public project insisted on the development of a pervious pavement specification to accompany draft improvement plans that included pervious pavement as an LID site design feature. Ultimately, a lack of agreement about the department that would assume responsibility for the long-term maintenance of the pervious pavement resulted in the removal of the pervious pavement design elements in the project Improvement Plans prior to final approval.

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

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?	X	**Yes**		**No**

Comments (optional):

Yes, this continues to be the method of implementation for Regulated Projects in the City of Alameda this reporting period.

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

If you answered "Yes" to either question,

1) Complete Table C.3.e.v.

In FY 2015-16, the City of Alameda both received a development permit application and granted final discretionary approval for a single project that was 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). This is a Category C project. A single line-entry has been completed in Table C.3.e.v.

2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. The narrative discussion is as follows:

This identified Special Project is also listed and discussed in the Regulated Projects Reporting Table (C.3.b.iv.(2)), below, as Alameda Point Site A: Block 11. The brief, summary description of this project is as a mixed-use, 221-unit residential building with ground-floor retail, off-street (covered) parking, and public plaza/open spaces situated in close proximity to the Seaplane Lagoon shoreline and the proposed Seaplane Lagoon Ferry Terminal. The narrative discussion of 100% LID Feasibility or Infeasibility for this one project is as follows:

The proposed project at Alameda Point Site A – Block 11 will utilize LID treatment measures for the majority (>50%) of the site area. However, as discussed in further detail below, bioretention is not feasible for 100% of the site's impervious footprint, and, as indicated in the Draft Stormwater Management Plan for Alameda Point, the site's high groundwater and low soil permeability makes infiltration through the use of pervious paving infeasible.

The proposed project maximizes square footage of commercial and residential floor area within the lot. The building consists of commercial space, multiple stories of residential dwelling units, and parking on the first floor. LID features are provided on the ground and podium level to treat runoff from the surface alley, alcoves, and much of the roof area. Draining the rest of the roof to the podium is infeasible due to the internal shaft locations and roof systems. Additionally, as the building covers the perimeter of the podium structure to the property line along (proposed) Ralph Appezzato Memorial Parkway (RAMP) and Pan Am Way, drainage from the podium cannot be directed to treatment areas within the block. All stormwater from the roof would need to be treated at the central podium level courtyard due to the building having only minimal setbacks from the property lines. There are some roof areas that are impractical to drain to flow through planters at the podium level because of the distance from the site perimeter to the central courtyard. The podium level courtyard has a mix of planters that are serving as LID treatment and accessible paved areas. The paved areas will need to be treated with a (non-LID) treatment device as there is no location at grade to situate flow through planters to direct storm water. Therefore a high flow non-LID treatment device will be constructed below the ground floor parking area to treat those portions of the roof and podium areas not captured in the LID treatment areas.

LID Reduction Credits used for this project are at a rate below the maximum transit-oriented development (Category C) credit allowed. The LID treatment reduction credit calculation for this Category C site totals at 65% (within ½ mile of transit hub (25%); 85 DU/acre (20%); no surface parking (20%)). The maximum allowed LID treatment credit for this Alameda Point facility is 50% however, a limit-cap that will be complied.

The Provision C.3.e.v. Discussion is above.

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

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

The City of Alameda has completed the attached Table C.3.h.v(2), which contains a list of newly installed Stormwater Treatment Systems/HM Controls for the present reporting year.

In addition, the City provided, under written cover letter sent through the U.S. Postal Service, a list of all newly installed stormwater treatment systems to the Alameda County Mosquito Abatement District (ACMAD) prior to the wet season this reporting period. This reporting period cover letter was dated September 22, 2015. A copy of this update was also provided to the Water Board. This annual update included the facility name, address, responsible party and type of the stormwater treatment measure(s) installed during this reporting period. A copy of each Site Plan or Site Diagram was also included with this notification. The City continues to provide this annual update to both the ACMAD and the Water Board in a timely manner.

HM controls are not implemented since projects within the City of Alameda are within the shoreline/depositional area of the County.

C.3.h.v.(3)(a) –(c) and (f) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

-

Option 1 – Reporting Site Inspections	**Number/Percentage**
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY14-15)	**34**
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 15-16)	**36**
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 15-16)	23
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 15-16)	68%[2]
Option 2 – Reporting Stormwater Treatment System Inspections	-
Total number of stormwater treatment and HM systems in your agency's database or tabular format at the end of the previous fiscal year (FY 14-15)	Not applicable, as Option 1 is being responded to, as above.
Total number of stormwater treatment systems in your agency's database or tabular format at the end of the reporting period (FY 15-16)	Not applicable, see above.
Total number of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	Not applicable, see above.
Percentage of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	See above, [3]

[2] Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year (FY 14-15), per MRP Provision C.3.h.ii.(6)(b).

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

C.3.h.v.(3)(d)-(e) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

Provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:

The City of Alameda is using Option 1, above, to provide a summary of the stormwater treatment measures C3h O&M verification inspections. The City continues its practice of tracking project sites in their entirety rather than individual treatment units/systems during the implementation of the requirements of the Provision C3h O&M verification inspection program. Our detailed O&M files for each project site contain records and inventories of all of the treatment units/systems at each site. These O&M file records include, for example, copies of the site C3h O&M Plan and the Maintenance Agreement. However the site as a whole has been and continues to be the base unit of our tracking efforts for our C3h verification program, not the individual treatment systems.

It has been and continues to be our practice of inspecting and monitoring all the treatment measures at a site when we perform the site C3h O&M inspection and other elements of our C3h verification program.

Twenty-three (23) facilities/project sites received at least one Provision C.3.h inspection this reporting period. 21 of these site inspections were routine C3h O&M oversight inspections and two were routine system completion inspections. Findings at six of the 21 facilities subject to the routine O&M oversight inspections also resulted in each of these six facilities receiving a single follow-up inspection to confirm that necessary corrections had been completed. All follow-up inspections effectively confirmed that all necessary corrections had been completed. Correction findings all concerned modest needed spot improvements to landscape-based stormwater treatment measures such as to adjust mulch displacement from heavy storm flows or to replant dead plants, for example. Verbal direction, perhaps emphasized with a summary email, was the extent of staff feedback/enforcement efforts. All corrections were satisfactorily completed in a prompt fashion. There was no need for significant or escalating enforcement.

Recent increases in development and construction activity with the City continues to result in an active Provision C3h inspection load and a modest increase in Provision C3h inspections this reporting period in comparison to FY 2014-15. Inspection numbers are anticipated to fluctuate on a yearly basis though the long-term trend is for increasing numbers of routine inspections. The number of maintenance problems and Provision C3h enforcement actions remain small however, consistent with the previous year's results. Private development landscape-based treatment areas in general continue to receive regular and consistent maintenance oversight. Staff experience is that private property owners are generally agreeable to effectively continuing their required care and maintenance of facility stormwater treatment measures. And, public treatment measures continue to be subject to municipal maintenance oversight.

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).
The City of Alameda's Provision C3h O&M oversight inspection continues to remain active and effective. The C3h inspections totals summarized above indicate that City staff remained actively engaged this reporting period with private facility operators and Municipal Service District management and maintenance personnel concerning on-going oversight of post-construction stormwater treatment measures. The City's project/permit approval process includes a condition for the project representative to submit an O&M Plan for review and approval by the City. City staff thus interacts with facility/project representatives concerning the development of the O&M Plan to ensure that the Plan is consistent with City and Countywide program expectations. City staff continues to meet facility personnel responsible for post-construction oversight and discuss O&M plan expectations on routine and regular bases. Staff continues to aim to perform an initial inspection of new treatment measures within one year of the execution of a development project's stormwater treatment measures maintenance agreement and typically during the first autumn post-construction. 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 self-reports from facility representatives responsible for facility O&M implementation oversight. The annual self-reporting required of private facility operators by the City provides an additional mechanism for the City to both ensure that treatment measures maintenance remains on facility operators' "to-do" lists and to review the status of facilities' on-going and routine O&M oversight of their Provision C.3 stormwater treatment measures. At present, there are no proposed changes in the general approaches and methods of the City's C3h O&M program.

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 previous City of Alameda annual reports, BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. We have modified local development permitting and approval procedures and forms/checklists to require all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i. We are using the following Program and BASMAA products for C.3.i implementation: • BASMAA's site design fact sheets • The ACCWP C.3 Technical Guidance Manual (2016 version) Appendix L, Site Design Requirements for Small Projects

C.3.j.i.v.(d) ► Green Infrastructure Outreach

On an annual basis, provide a summary of your agency's outreach and education efforts pertaining to Green Infrastructure planning and implementation.

Summary:

No specific, targeted outreach and education efforts pertaining to Green Infrastructure planning and implementation were implemented this year. However, the drum beat of "C3 compliance" and "stormwater quality management" for the multitude of Alameda Point projects subject to the Regulated Project review process this reporting period has not been missed by any involved staff in the City's Public Works, Community Development and Base Reuse Departments or by those with Planning Board or City Council involvement in the development guiding process.

Please refer to the Countywide Program's FY 15-16 Annual Report for a summary of outreach efforts implemented at the Countywide level.

C.3.j.ii.(2) ► Early Implementation of Green Infrastructure Projects

On an annual basis, submit a list of green infrastructure projects, public and private, that are already planned for implementation during the permit term and infrastructure projects planned for implementation during the permit term that have potential for green infrastructure measures. Include the following information:

- A summary of planning or implementation status for each public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. (see C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects).
- A summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description of the project and the reasons green infrastructure measures were impracticable to implement (see C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure).

Background Information:

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

No public projects other than C3 Regulated Projects went through a separate Green Infrastructure review this reporting period. As noted in this reporting period's Regulated Projects Reporting Table C.3.b.iv.(2), below, the numerous project sites under development at Alameda Point identified as Regulated Projects is an indication of the extensive green infrastructure planning and development being implemented at Alameda Point. The entirety of the Alameda Point redevelopment areas under the jurisdiction of the City of Alameda will be subject to green infrastructure improvements at the time of their eventual redevelopment.

Summary of Planning or Implementation Status of Identified Projects:

No public projects other than C3 Regulated Projects, as listed below, were subject to Green Infrastructure planning this reporting period. The extensive and time-intensive development planning work occurring this reporting period to redevelop Alameda Point parcels for both the public right-of-way and eventual private ownership has resulted in significant, initial and incremental green infrastructure gains for this former naval facility.

C.3.j.iii.(2) ► Participate in Processes to Promote Green Infrastructure
On an annual basis, report on the goals and outcomes during the reporting year of work undertaken to participate in processes to promote green infrastructure.
City of Alameda personnel participated in the ACCWP Green Infrastructure work group, supporting the production of tools to assist with Provision C3j requirements. Please also refer to the Countywide Program's FY 15-16 Annual Report for a summary of efforts conducted at the Countywide level to assist Permittees and to contribute to regional green infrastructure support efforts.

C.3.j.iv.(2) ► Tracking and Reporting Progress
On an annual basis, report progress on development and implementation of methods to track and report implementation of green infrastructure measures and provide reasonable assurance that wasteload allocations for TMDLs are being met.
Please refer to the Countywide Program's FY 15-16 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

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

Project Name Project No.	Project Location[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 II – Hagstrom (UPDATE)	2100 Clement Avenue, Alameda, CA 94501; @ Willow Street	City Ventures	NA (only one phase)	52 residential homes and publicly accessible open space	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	2.78	2.78	0	95,546	120,502	95,546
The Marriott Fairfield Inn Alameda (UPDATE)	2350 Harbor Bay Parkway, Alameda, CA 94502; @ North Loop Road	RAM Hotels	NA	Commercial, 5-story 100-room hotel	San Francisco Bay	1.51	1.51	38,147 (approx)	6,200 (approx)	6,200 (approx)	44,347 (approx)
Alameda Point Site A: Block 8	(Proposed) Ralph Appezzato Memorial Parkway (RAMP) @ Orion Street, Alameda, CA 94501	Alameda Point Partners, LLC	One	Two-building, 130-unit, residential, affordable housing with courtyard, parking	San Francisco Bay	1.74	1.74	16,382	43,611	59,218	59,993
Alameda Point Site A: Block 11	(Proposed) RAMP @ Pan Am Way	Alameda Point Partners, LLC	Two	Mixed-Use: 221-unit residential building w/ ground-floor retail, off-street (covered) parking, public plaza	San Francisco Bay	2.6	2.6	0	110,585	113,045	110,585
Alameda Point Site A: Waterfront Park, Phase 1	Seaplane Lagoon at (proposed) RAMP, Alameda, CA 94501	Alameda Point Partners, LLC	Three	A 2.63-acre waterfront park	San Francisco Bay	3.3	3.3	0	135,530	136,560	135,530

[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.

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

Project Name Project No.	Project Location[10], Street Address	Name of Developer	Project Phase No.[11]	Project Type & Description[12]	Project Watershed[13]	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft^2)[14]	Total Replaced Impervious Surface Area (ft^2)[15]	Total Pre-Project Impervious Surface Area[16](ft^2)	Total Post-Project Impervious Surface Area[17](ft^2)
				along N edge of Seaplane Lagoon							
Alameda Point Site A: Block 10	(Proposed) RAMP @ (proposed) "C" Street, Alameda, CA 94501	Alameda Point Partners, LLC	Four	Four commercial buildings with 3 acres open plaza	San Francisco Bay	4.12	4.12	0	127,878	179,565	127,878
1435 Webster Street	1435 Webster Street, Alameda, CA 94501; @ Taylor Avenue	Dannan Development	NA	Three-story mixed-use development with residential, ground-floor retail, parking	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	0.34	0.34	1,070	12,640	12,640	13,710
Alameda Point Site A: Block 6	(Proposed) RAMP @ Main Street, Alameda, CA 94501	Alameda Point Partners, LLC	Five	64 residential townhome units, with parking, open space	San Francisco Bay	2.87	2.87	17,315	60,193	90,203	77,508
Alameda Point Site A: Block 7	(Proposed) RAMP @ (proposed) "A" Street, Alameda, CA 94501	Alameda Point Partners, LLC	Six	60 residential townhome units, with parking, landscape corridors	San Francisco Bay	2.43	2.43	0	68,260	105,825	68,260
Alameda Point Building 91	651 West Tower Avenue, Alameda, CA 94501; @ Pan Am Way	SRMErnst Development Partners	NA	Commercial warehouse renovation for food/beverage operations, outdoor seating	San Francisco Bay	2.14	0.13	0	12,887	93,308	91,615
Westmont of Harbor Bay	2900 Harbor Bay Parkway, Alameda, CA 94502; @ Adelphian Way	Pacific Union Land Investors LLC	NA	Two-story, 105,499 sq ft senior assisted living center	San Francisco Bay	5.52	3.53	95,430	0	0	95,430
Public Projects											

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

Project Name Project No.	Project Location[10], Street Address	Name of Developer	Project Phase No.[11]	Project Type & Description[12]	Project Watershed[13]	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft^2)[14]	Total Replaced Impervious Surface Area (ft^2)[15]	Total Pre-Project Impervious Surface Area[16](ft^2)	Total Post-Project Impervious Surface Area[17](ft^2)
Del Monte Senior Affordable Housing	Buena Vista Avenue @ Sherman Street, Alameda, CA 94501	Housing Authority of the City of Alameda	NA (one phase only)	31-unit Senior Affordable Housing complex w/ court-yard, parking lot	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	0.73	0.73	9,256	16,270	19,326	25,526
Alameda Point Site B: Seaplane Lagoon Ferry Terminal	Ferry Point Road @ Seaplane Lagoon, Alameda Point	City of Alameda, in collaboration with Alameda Point Partners, LLC	One	Public Ferry Terminal with access road, parking, water frontage pedestrian use space	San Francisco Bay	82 ac (SiteB); 5.82 ac, proj.	5.80	0	204,290	253,490	240,820
Estuary Park	3000 Mosley Avenue, near cross street with Singleton Avenue, Alameda, CA 94501	City of Alameda Recreation and Park Department	NA	Public Park renovation creating new athletic field complex and open space uses	Oakland Inner Harbor of San Francisco Bay, South Bay Basin	7.98	7.98	156,424	55,617	55,617	212,041
Eagle Housing (UPDATE)	2437 Eagle Avenue, at Everett Street, Alameda, CA 94501	Housing Authority of the City of Alameda	NA	20 affordable housing units on a redeveloped 0.83 acre site (revised)	Alameda-Oakland Tidal Canal of San Francisco Bay, South Bay	0.83	0.83	0	26,119	35,099	26,119
-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Best efforts have been made to maintain naming-consistency for the various facility/project names and phases through the City's recent annual reports. Regulated Projects are listed in the same order in both Part One and Part Two of this Table and are listed chronologically based on the "Application Deemed Complete Date" data column (or, for Public Projects, the "Approval Date" data column) in Part Two of this Table. The 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. The Public Projects list contains a (modest) update from the FY 2014-15 Annual Report for the Eagle Housing project due to a formally-approved change to the development plan (minor reduction in # of units) and a revised construction-start date, none of which substantively affected the site's stormwater quality management design and control plan. The increase in the number of Regulated Projects within the City's jurisdiction, in comparison to the previous several reporting years, exemplifies a recent trend in increased development activity.

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

Project Name Project No.	Application Deemed Complete Date[18]	Application Final Approval Date[19]	Source Control Measures[20]	Site Design Measures[21]	Treatment Systems Approved[22]	Type of Operation & Maintenance Responsibility Mechanism[23]	Hydraulic Sizing Criteria[24]	Alternative Compliance Measures[25/26]	Alternative Certification[27]	HM Controls[28/29]
Private Projects										
Alameda II – Hagstrom (UPDATE)	11/17/2014	10/26/15	Storm drain inlet marking	Runoff from roofs, sidewalks and driveways to vegetated areas; preservation of mature trees	Landscape-based bioretention areas, full trash capture systems	Incorporation of Maintenance plan/ responsibilities in HOA CC&Rs	2.c.	No, none	Yes, third-party certification.	Not applicable; project in shoreline/ deposition al area of County
The Marriott Fairfield Inn Alameda (UPDATE)	11/24/14	9/1/15 (updated)	Roofed and enclosed trash area; interior pool and restaurant areas with sanitary sewer connections	Disconnected impervious surface areas; roof, parking lot, walkway and bikepath runoff to vegetated areas	Landscape-based bioretention areas	Maintenance Agreement to be conditioned with developer.	3	No, none	Yes, third-party certification.	Not applicable; project in shoreline/ deposition al 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), biodetention unit(s), regional detention basin, or in-stream control).

C.3.b.iv.(2) ►Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (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]
Alameda Point Site A: Block 8	9/22/15	3/14/16	Roofed and enclosed trash area; bay-friendly landscaping approaches; inlet marking	Runoff from roof, parking, drive aisles and walkways to landscape areas	Landscape bioretention areas, flow-through planters	Responsibility for implementing conditioned O&M Plan to be incorporated with HOA CC&Rs.	3	No, none	Yes, third-party certification.	Not applicable; project in shoreline/ deposition al area of County
Alameda Point Site A: Block 11	9/22/15	3/14/16	Roofed and enclosed trash area; interior floor drains (including parking garage) plumbed to sewer; pool/fountain drains to sewer	Runoff from roof, drive aisles and walkways to landscaped areas	Ground-level, landscape-based bioretention areas, podium flow-through planters	Responsibility for implementing conditioned O&M Plan to be incorporated with HOA CC&Rs.	3	No, none	Yes, third-party certification.	Not applicable; project in shoreline/ deposition al area of County
Alameda Point Site A: Waterfront Park, Phase 1	1/21/16	3/14/16	Roofed and enclosed trash area; food service and interior floor drains plumbed to sewer	Runoff from the sidewalks, walkways and plaza areas being directed to landscaped areas; landscape planters	Landscape-based bioretention planter areas	Maintenance Agreement conditioned.	3	No, none	Yes, third-party certification.	Not applicable; project in shoreline/ deposition al area of County
Alameda Point Site A: Block 10	1/21/16	6/27/16	Roofed and enclosed trash area; food service and interior floor drains plumbed to sewer	Disconnected impervious areas: roof, walkways and plaza runoff to landscape or re-use cisterns.	Landscape-based bioretention areas; rainwater capture and reuse cisterns	Responsibility for implementing conditioned O&M Plan to be incorporated with HOA CC&Rs.	3	No, none	Yes, third-party certification.	Not applicable; project in shoreline/ deposition al area of County

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

Project Name Project No.	Application Deemed Complete Date[18]	Application Final Approval Date[19]	Source Control Measures[20]	Site Design Measures[21]	Treatment Systems Approved[22]	Type of Operation & Maintenance Responsibility Mechanism[23]	Hydraulic Sizing Criteria[24]	Alternative Compliance Measures[25/26]	Alternative Certification[27]	HM Controls[28/29]
1435 Webster Street	2/22/16	5/3/16	Interior sewer drains for all food service areas; roofed and enclosed trash area.	Roof and parking lot runoff to landscaped areas; self-treating landscape areas	Landscape-based bioretention areas.	Maintenance Agreement conditioned.	2.c.	No, none	Yes, third-party certification.	Not applicable; project in shoreline/ depositional area of County
Alameda Point Site A: Block 6	4/5/16	6/27/16	Inlet marking	Roof, sidewalk and driveway runoff to landscaped areas; pervious pavement areas; self-retaining and self-treating landscape areas	Bioretention areas; flow through planters	Responsibility for implementing conditioned O&M Plan to be incorporated with HOA CC&Rs.	3	No, none	Yes, third-party certification.	Not applicable; project in shoreline/ depositional area of County
Alameda Point Site A: Block 7	4/5/16	6/27/16	Inlet marking	Roof, sidewalk and driveway runoff to landscaped areas; pervious pavement; increased landscaped areas.	Bioretention areas; flow through planters; self-treating areas	Responsibility for implementing conditioned O&M Plan to be incorporated with HOA CC&Rs.	2.c.	No, none	Yes, third-party certification.	Not applicable; project in shoreline/ depositional area of County
Alameda Point Building 91	5/11/16	6/2/16	Roofed and enclosed waste storage area; interior sanitary sewer connections	Roof runoff directed to landscape planter boxes, rainwater cistern.	Bioretention flow through planter area. Rainwater capture cistern.	Maintenance Agreement conditioned.	2.c.	No, none	Yes, third-party certification.	Not applicable; project in shoreline/ depositional area of County
Westmont of Harbor Bay	6/22/16	9/6/16	Roofed and enclosed waste storage area; interior sanitary	Disconnected impervious surface areas; drainage to landscape areas; self-	Landscape-based bioretention areas.	Maintenance Agreement conditioned.	2.c.	No, none	Yes, third-party certification.	Not applicable; project in shoreline/

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

Project Name Project No.	Application Deemed Complete Date[18]	Application Final Approval Date[19]	Source Control Measures[20]	Site Design Measures[21]	Treatment Systems Approved[22]	Type of Operation & Maintenance Responsibility Mechanism[23]	Hydraulic Sizing Criteria[24]	Alternative Compliance Measures[25/26]	Alternative Certification[27]	HM Controls[28/29]
			sewer connections	treating and self-retaining areas						deposition al area of County

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

Project Name Project No.	Approval Date[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										
Del Monte Senior Affordable Housing	7/21/15	Winter 2016-17	Interior sanitary sewer drains, enclosed waste storage; landscapes with Bay Friendly and IPM strategies, practices	Roof leaders, driveways, parking and walkways discharge to landscaped areas.	Landscape-based bioretention areas	Maintenance Agreement conditioned.	2.c.	No	Yes, third-party certification.	Not applicable (NA); project in shoreline/ depositional area of County
Seaplane Lagoon Ferry Terminal	4/5/16	Anticipated for Q3 in 2018	Landscapes conditioned for Bay Friendly and IPM strategies, practices	Driveways, parking and walkways discharge to landscaped areas.	Landscape-based bioretention areas	Written and contractual arrangements for implementation of conditioned O&M Plan.	3	No	Yes, third-party certification.	NA; project in shoreline/ depositional area of County
Estuary Park	4/19/16	September 2016	Roofed trash enclosure Landscapes with Bay Friendly and IPM strategies, practices	Parking runoff to landscaped areas, self-treating areas	Landscape-based bioretention areas	Public park landscape/infrastructure maintenance responsibilities and implementation of conditioned O&M Plan to be accepted by City Parks Department.	2.c.	No	Yes, third-party certification.	NA; project in shoreline/ depositional area of County

[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.
[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), biodetention unit(s), regional detention basin, or in-stream control).

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

Project Name Project No.	Approval Date[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]
Eagle Housing (UPDATE)	6/13/16 (Update: Plans revised)	April 2017 (Updated)	Roofed trash enclosure	Disconnected impervious surface area; runoff from roofs, driveway, parking area and walkways flows to landscape areas; permeable paver areas	Landscape-based bioretention planters	Conditioned developer to provide City with signed statement indicating that Housing Authority will accept full responsibility for O&M, self-reporting	2.c	No	Yes, third-party certification.	NA; project in shoreline/ depositional area of County
-	-	-	-	-	-	-	-	-	-	-

Comments:
Best efforts have been made to maintain naming-consistency for the various facility/project names and phases through the City's recent annual reports. Regulated Projects are listed in the same order in both Part One and Part Two of this Table and are listed chronologically based on the "Application Deemed Complete Date" data column (or, for Public Projects, the "Approval Date" data column) in Part Two of this Table. The 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. The Public Projects list contains a (modest) update from the FY 2014-15 Annual Report for the Eagle Housing project due to a formally-approved change to the development plan (minor reduction in # of units) and a revised construction-start date, none of which substantively affected the site's stormwater quality management design and control plan. The increase in the number of Regulated Projects within the City's jurisdiction, in comparison to the previous several reporting years, exemplifies a recent trend in increased development activity.

C.3.h.v.(2). ►Table of Newly Installed[41] Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

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

Name of Facility	Address of Facility	Party Responsible[42] For Maintenance	Type of Treatment/HM Control(s)
Alameda Landing Project: Residential Area (Phase 1)	2701 Fifth Street, Alameda, CA 94501	Bill Sadler, TriPointe Homes	Bioretention planters
Oakland Raiders	1220 Harbor Bay Parkway, Alameda, CA 94502	Cheryl Nichols, Senior Vic President, Administration and Facilities	One Silva Cell bioretention area system
VF Outdoors South	2321 North Loop Road, Alameda, CA 94502	Renee McHargue, Facilities Manager	Five (5) Bioretention planters
-	-	-	-

[41] "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.
[42] State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table

Reporting Period – July 1 2015 - June 30, 2016

Project Name & No.	Permittee	Address	Application Submittal Date[43]	Status[44]	Description[45]	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category[46]	LID Treatment Reduction Credit Available[47]	List of LID Stormwater Treatment Systems[48]	List of Non-LID Stormwater Treatment Systems[49]
Alameda Point Site A (Project Phase 2): Block 11	City of Alameda	(Proposed) RAMP @ Pan Am Way	9/22/15	Project received final discretionary approval on 3/14/16	Mixed-Use: 221-unit residential building w/ ground-floor retail, off-street parking, plaza	2.6	85	-	Category A: n/a Category B: n/a Category C: Yes. Location: Within ½ mile of planned transit hub Density: > 60DU/ac Parking: No surface parking	Category A: n/a Category B: n/a Category C: Yes. Location: 25% Density: 20% Parking: 20% A maximum 50% LID Treatment Reduction credit is being applied to this project at Alameda Point.	Flow-through planters and bioretention areas. The Civil Improvement Plans are still under development so details of the treatment devices and % treatment values are not yet fully known.	A high-flow non-LID treatment device will be constructed below the ground floor parking area to treat the portions of the roof and podium areas not captured in the LID treatment areas. Civil Improvement Plans are still under development and have not been submitted so details of the treatment device are unavailable this reporting period. The anticipated measure is through the use of a high flow filter media. The anticipated size is a four cartridge unit system, 12.5' long by 6.5' wide. The maximum % of total runoff treated by the non-LID treatment system will be 50%.
-	-	-	-	-	-	-	-	-	-	-	-	-

[43]Date that a planning application for the Special Project was submitted.
[44] Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.
[45]Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.
[46] For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.
[47]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.
[48]**:** List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.
[49]List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

Special Projects Narrative:

This Special Project is identified in the Regulated Projects Reporting Table (C.3.b.iv.(2)) as Alameda Point Site A: Block 11. A limit maximum of 50% LID Treatment Reduction credit is being applied to this project at Alameda Point.
The brief, summary description of this project is as a mixed-use, 221-unit residential building with ground-floor retail, off-street (covered) parking, and public plaza/open spaces situated in close proximity to the Seaplane Lagoon shoreline and the proposed Seaplane Lagoon Ferry Terminal. The narrative discussion of 100% LID Feasibility or Infeasibility for this one project is as follows:

The proposed project at Alameda Point Site A – Block 11 will utilize LID treatment measures for the majority (>50%) of the site area. However, as discussed in further detail below, bioretention is not feasible for 100% of the site's impervious footprint, and, as indicated in the Draft Stormwater Management Plan for Alameda Point, the site's high groundwater and low soil permeability makes infiltration through the use of pervious paving infeasible.

The proposed project maximizes square footage of commercial and residential floor area within the lot. The building consists of commercial space, multiple stories of residential dwelling units, and parking on the first floor. LID features are provided on the ground and podium level to treat runoff from the surface alley, alcoves, and much of the roof area. Draining the rest of the roof to the podium is infeasible due to the internal shaft locations and roof systems. Additionally, as the building covers the perimeter of the podium structure to the property line along (proposed) Ralph Appezzato Memorial Parkway (RAMP) and Pan Am Way, drainage from the podium cannot be directed to treatment areas within the block. All stormwater from the roof would need to be treated at the central podium level courtyard due to the building having only minimal setbacks from the property lines. There are some roof areas that are impractical to drain to flow through planters at the podium level because of the distance from the site perimeter to the central courtyard. The podium level courtyard has a mix of planters that are serving as LID treatment and accessible paved areas. The paved areas will need to be treated with a (non-LID) treatment device as there is no location at grade to situate flow through planters to direct storm water. Therefore a high flow non-LID treatment device will be constructed below the ground floor parking area to treat those portions of the roof and podium areas not captured in the LID treatment areas.
LID Reduction Credits used for this project are at a rate below the maximum transit-oriented development (Category C) credit allowed. The LID treatment reduction credit calculation for this Category C site totals at 65% (within ½ mile of transit hub (25%); 85 DU/acre (20%); no surface parking (20%)). The maximum allowed LID treatment credit for this Alameda Point facility is 50% however, a limit-cap that will be complied.

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

Project Name and Location[44]	Project Description	Status[45]	GI Included?[46]	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement[47]
No public projects other than C3 Regulated Projects went through a separate Green Infrastructure review this reporting period.	-	-	-	-
-	-	-	-	-

C.3.j.ii.(2) ► Table B - Planned Green Infrastructure Projects

Project Name and Location[48]	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
No public projects other than C3 Regulated Projects were subject to Green Infrastructure planning this reporting period.	-	-	-
-	-	-	-

As noted in this reporting period's Regulated Projects Reporting Table C.3.b.iv.(2), above, the numerous project sites under development at Alameda Point identified as Regulated Projects is an indication of the extensive C.3.b. green infrastructure planning and development being implemented at Alameda Point. The entirety of the Alameda Point redevelopment areas under the jurisdiction of the City of Alameda will be subject to green infrastructure improvements at the time of redevelopment.

[44] List each public project that is going through your agency's process for identifying projects with green infrastructure potential.
[45] Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.
[46] Enter "Yes" if project will include GI measures, "No" if GI measures are impracticable to implement, or "TBD" if this has not yet been determined.
[47] Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.
[48] List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

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

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

Summary:

The City of Alameda implemented its Provision C4 program this reporting year. City staff performed all of the business facility inspections included in the City's FY 2015-16 Business Inspection List submitted to the Water Board in September 2015, with the exception of those facilities that were determined to have closed. BMP issues were resolved in a timely manner and City staff implemented enforcement actions consistent with the Enforcement Response Plan.

The City continues to perform an annual update of 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. The City of Alameda has maintained and updated a Provision C.4.b. Business Inspection Plan (Plan) since this requirement was first effective in FY 09-10. Water Board Staff requested and received a copy of this Plan from City CWP staff on 7/20/15 in response to a separate, complaint-response research matter that they were performing.

City staff contributed to and was active in the Alameda Countywide Clean Water Program's Industrial and Illicit Discharge Control subcommittee. One of the two business inspectors attended the county wide program's business inspector training conducted on June 9, 2016. Also, please refer to the C.4. Industrial and Commercial Site Controls section of the Alameda Countywide Clean Water Program FY15-16 Annual Report for a description of Program-level activities.

C.4.b.iii ► Potential Facilities List

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

The City of Alameda's current list of industrial and commercial facilities in our Business Inspection Plan that could reasonably be considered to potentially cause or contribute to pollution of stormwater runoff is attached sequentially at the end of this Annual Report. The City of Alameda's FY 16/17 Business Inspection List from our Business Inspection Plan is also attached sequentially at the end of this Annual Report.

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

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

		Permittee reports multiple discrete violations on a site as one violation.
	X	Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected	151	

Total number of inspections conducted	164	
Number of violations (excluding verbal warnings)	14	
Sites inspected in violation	10	7%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	14	100%

Comments:

There were 163 business facility locations indicated on the City's FY 2015-16 Business Inspection list submitted to the Water Board in September 2015. 151 of these business facility locations received completed business inspections. The12 additional business facilities were determined, during the course of our inspection work, to have closed; there was no priority business activity occurring at these locations and no facility stormwater inspections were performed. In addition to the 151 (initial) facility inspections, 13 follow-up inspections were also conducted at a subset of these active business facility locations for a total of 164 completed inspections conducted.

As also explained further below, there were ten facility sites that were determined to have violations. Four of these facility locations had a second discrete, separate, violation observed during the same inspection for a total of 14 documented violations (excluding verbal warnings).

All fourteen of the violations (at the ten facility locations) were confirmed to have been corrected in a timely manner.

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

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	3
Potential discharge and other	11
Comments: Actual discharge violations are counted as one discharge per storm drain inlet/waterbody per inspection per site. This reporting period 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 10 facilities in violation, three (3) of these facilities each had one actual non-stormwater discharge violation noted during their respective inspections. Each of these three (3) facilities with the non-stormwater discharge violations also had one separate potential discharge violation noted during the documented inspection that contributed to the violations total noted above. Of the remaining seven (7) facilities that were found to be in violation, six (6) had just one potential discharge violation each, and the one additional facility had two separate, discrete potential discharge violations that contributed to the violations total noted above.	-

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 one (or more) potential discharge violations. 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 though the separate (discrete) violations at any given facility are noted independently.	

C.4.d.iii.(1)(b) ►Frequency and Type of Enforcement Conducted

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

	Enforcement Action (as listed in ERP)[49]	Number of Enforcement Actions Taken	% of Enforcement Actions Taken[50]
Level 1	**Warnings:** Includes verbal notice to the facility owner/operator or responsible party emphasizing good BMP implementation and/or directing BMP improvement that is documented on the inspection form. Detailed BMP improvements, corrective actions, and/or deadlines required and stated on the inspection form and provided to the facility representative are considered written enforcement warnings. A written warning could also include a written informational letter to the facility owner/operator to perform improvements based on the inspection findings or to emphasize the implementation of appropriate best management practices.	81 total (76 Verbal; 5 Written)	94%
Level 2	**Administrative Actions**	4	5%
Level 3	**Administrative Actions with Fine and/or Cost Recovery**	1	1%
Level 4	**Legal Actions**	0	-
Total		86	-

[49]Agencies to list specific enforcement actions as defined in their ERPs.
[50]Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

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

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

Business Category[51]	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Restaurant	2	5
Food – Commissary	1	1
Grocer	0	2
Auto – Service Station	0	2
Auto - Towing	0	1

C.4.d.iii.(1)(d) ►Non-Filers

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

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.e.iii ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Industrial/ Commercial Site Inspectors in Attendance	Percent of Industrial/ Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
Staff review of FY 2015-16 Business Inspection Plan	9/10/15	City of Alameda Industrial and Commercial Business Inspection Plan, Business Inspection Master Plan List, FY 2015-16 Business Inspection List	Two	100%	Two	100%
ACCWP Stormwater Business Inspectors Workshop	6/9/16	MRP 2.0 – Changes in Provisions C.4, C.5 and C.15; Interactive case study sessions on BMP Installations, Illicit discharges; presentations on General Permits for Utility Vaults and Drinking Water systems	One	50%	One	50%

Comments:
No further explanation is being provided.

[51]List your Program's standard business categories.

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

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

Provide background information, highlights, trends, etc.

Summary:
The City of Alameda implemented its Provision C5 program this reporting year, including prompt complaint intake, mitigation/abatement response, and incident tracking. Follow up outreach and enforcement actions were performed in a manner consistent with the City's stormwater program Enforcement Response Plan.

City staff actively participated in the Alameda Countywide Clean Water Program's Industrial and Illicit Discharge Control subcommittee. Please refer to the C.5 Illicit Discharge Detection and Elimination section of countywide program's FY 15-16 Annual Report for description of activities at the countywide level.

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

List below or attach your complaint and spill response phone number

Emergency issues: 9-1-1. Or, the City's 24-hour dispatch line (510) 337-8340, which is considered a singular, central contact point for incidents.

Provide your complaint and spill response web address, if used

(1) https://alamedaca.gov/go-green/report-a-spill ; (2) https://alamedaca.gov/submit-request

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

If No, explain:
Screen shots are attached for both the City's "Report A Spill" webpage and the City's on-line portal webpage to submit ANY request or complaint for a response via a See-Click-Fix platform application, including a spill, illegal dumping or other urban runoff issue.

Provide a discussion of how the central contact point (complaint and spill response phone number and, if used, web address) is being publicized to your staff and the public.

The online services request-submittal tool (Submit a Request, "Welcome to Alameda See Click Fix!") is available from a link on the homepage of the City's website.

The Public Works Department provided a public press release this reporting period to announce the launching of the on-line and mobile reporting platform (the See-Click-Fix service request function) for the public's use. ("New Services for Alameda Residents to Report Issues", 11/5/15). The ability to use this application from a mobile device was also specifically highlighted in this press release.

In support of the launch of the City's new, online mechanism for citizens and staff to submit requests, the Public Works Department prepared a new departmental procedure for responding to service requests. This new procedure was reviewed and vetted by departmental management and the City Manager's Office.

A routine reminder was distributed to Public Works Department Administration personnel this reporting period concerning the handling of reports of various urban runoff issues. These City personnel are on the daily front lines intaking public service requests and referrals from other departments concerning reports of spill incidents, illegal dumping, and other urban runoff issues.

C.5.d.iii.(1), (2), (3) ►Spill and Discharge Complaint Tracking

Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)

	Number	Percentage
Discharges reported (C.5.d.iii.(1))	54	
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	10	19%
Discharges resolved in a timely manner (C.5.d.iii.(3))	53	98%

Comments:

City personnel respond to all complaints/observations of illicit discharges including those from private property, in the public right-of-way, along the shoreline and/or from a mobile business location in a manner consistent with Provision C5 and the City's stormwater program Enforcement Response Plan. Data is tracked in a spreadsheet format, based on an Alameda Countywide Clean Water Program-produced template.

In addition to the 54 reported discharge incidents indicated in the table above, there were an additional five reports this reporting period where field response did not substantiate any evidence of an actual and/or potential pollutant discharge at the location, to the public right-of-way and/or to a storm drain inlet or receiving waters. There was no summary accounting for "resolved or unresolved in a timely manner" for these five unsubstantiated or non-discharge issues.

The ten discharge incidents that resulted in pollutants reaching a storm drain inlet and/or receiving waters were ceased, cleaned up and/or mitigated by response teams and/or enforcement action. Those discharge and mitigation events are summarized as follows:

- Three separate incidents of on-water fuel/oil sheens at local marinas received first responder response by Alameda Fire Department personnel and were subsequently left in the hands of US Coast Guard response personnel.
- The flushing of sediment/silt from the MS4 to the northern waterfront by a public contractor was ceased by the project manager as soon as this activity was called to municipal staff attention.
- One motor vehicle fluid spill to a storm drain inlet and catch basin was abated with the Alameda Fire Department mobilizing an emergency response crew from the City's emergency cleanup response contractor. No discharge to receiving waters occurred.
- One motor vehicle fluid spill to a storm drain inlet was abated by an Alameda Fire Department crew deploying a spill absorbent and performing spot cleanup. No pollutant discharge to receiving waters occurred.
- One incident of restaurant liquid wastes discharging to the public right-of-way and a storm drain inlet was abated by a municipal vactor truck crew performing day-of cleanup of the street, gutter line and catch basin. No pollutant discharge to receiving waters occurred.
- Residual food commissary wastes and washwater discharge practices were ceased and abated promptly after enforcement activity to the facility operator.
- One Irrigation water overspray discharge event was ceased after outreach enforcement to the property manager.
- Potable water discharge to the MS4 from the breaching of a water line by a private utility crew in the public right-of-way was mitigated by a Public Works crew until an EBMUD crew was able to respond to the scene to fully secure the pipe breach.

53 of the 54 incidents were resolved in a timely manner.

The circumstances of the one discharge/complaint incident indicated above as not having been resolved in a timely manner is summarized as follows: An on-line report of restaurant waste grease and washwater discharge to the sidewalk and street was logged on 1/26/16. Staff inspection on 1/28/16 confirmed residual standing materials of an actual discharge of washwater and grease wastes to the sidewalk, street and gutter line; the pollutants did not appear to have reached the nearest storm drain inlet however. The on-site facility supervisor was directed to facilitate cleanup and cease discharge by the close of the day on 1/28/16. There was a rain event on 1/29/16, prior to staff getting a visual confirmation on Monday, 2/1/16, that the wastes and site had been cleaned up and that adequate BMPs were in place.

All the other discharge incidents and complaint issues were mitigated and abated via outreach, enforcement and/or municipal crew response actions that prevented the pollutants from further reaching storm drains and/or receiving waters.

With respect to issues concerning exterior surface cleaning and the control of associated washwaters, City CWP staff continue to refer private facility operators to the BASMAA Mobile Surface Cleaners regional program and the related BMP guidance materials for outreach purposes, and, during enforcement actions, to seek proper abatement actions.

C.5.f.iii ►MS4 Map Availability

Discuss how you make your MS4 map available to the public and how you publicize the availability of the MS4 map.

Maps of the City of Alameda's storm drain system are available for viewing at the front desk of the Public Works Department. The City of Alameda's MS4 maps are also available in hard copy and block-book pdf format from the Public Works Department. The availability of these maps is publicized on the City's website at: https://alamedaca.gov/go-green/storm-drain-maps The text of that webpage is as follows:

"Storm Drain Maps
Maps of the City of Alameda's storm drain system are available for viewing at the front desk of the Public Works Department.
Hours of Operation
Monday – Thursday: 8:00 a.m. to 6:00 p.m.
Location
950 West Mall Square, Room 110
Alameda, CA 94501
Cost for Viewing/Copying Maps
The City charges a standard fee of $93/hour after the first 15 minutes of consultation/assistance. Additionally, the following standard copying fees apply:
Size: 18 x 22 (full map size) $20 per copy
Size: 22 x 30 (other maps) $26 per copy
Size: 11 x 17 (reduced size) 10 cents per copy"

In addition, the following documents that provide detailed information on the City's MS4 are also available for review on the City's website, Public Works Department Key Documents at https://alamedaca.gov/public-works-key-documents :
Storm Drain Master Plan (2008)
Storm Drain Master Plan (2008), Appendix C
(The other appendices are larger printouts of the maps in the storm drain master plan, or are profiles of individual storm drains. These are available upon request.)

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(1) ►Hillside Development Criteria

What criteria is your agency using to determine hillside development areas?		Local criteria such as maps of hillside development areas or other written criteria	X	The permit definition of projects on sites with ≥ 15% slope

Attach a copy of hillside development area maps or provide your written criteria below, if applicable.

Description: No map or written criteria for a hillside development area within the jurisdictional boundaries of the City of Alameda is attached. The slopes of the land within the City of Alameda are all less-than 15% in all areas subject to development. There is not any area within the City of Alameda that is identified as a hillside development area.

C.6.e.iii.2.a, b, c ►Site/Inspection Totals

Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	**Number of sites disturbing ≥ 1 acre of soil** (C.6.e.iii.1.b)	**Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more)** (C.6.e.iii.1.c)
#	#	#
1	**8**	**49**

Comments:

Inspections were performed at all of the sites indicated above on an at-least monthly basis during the months that the respective sites were active during the period October 2015 through April 2016. For all eight of these sites that disturbed an acre or more of soil during this current reporting period, the City required and received verification of coverage under the State's Construction General Stormwater NPDES Permit (No. CAS000002), or CGP. Five of these sites were active throughout the entire rainy season and received one monthly inspection during the period of October 2015 through April 2016. Two of the other three CGP sites initiated grading activities in January 2016 and each received monthly site inspections through April 2016. The third active CGP site received monthly inspections from October 2015 through February 2016, the month that construction activity was completed and the business occupied its new building. The ninth site was not an active construction site this reporting period, though the City received verification of the site's recently-issued WDID # in April 2016 and a single inspection (further confirming that site activity had not yet commenced) was performed, also in April 2016.

C.6.e.iii.2.d ►Construction Activities Storm Water Violations

The City of Alameda's summary of construction site activity storm water violations is as follows:

BMP Category	Number of Violations[52] excluding Verbal Warnings	% of Total Violations[53]
Erosion Control	0	0
Run-on and Run-off Control	0	0
Sediment Control	8	47
Active Treatment Systems	0	0
Good Site Management	5	29
Non Stormwater Management	4	24
Total[54]	**17**	**100%**

[52]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.

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

[54]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.2.e ►Construction Related Storm Water Enforcement Actions

The City of Alameda's summary of construction related storm water enforcement is as follows:

	Enforcement Action (as listed in ERP)[55]	Number Enforcement Actions Issued	% Enforcement Actions Issued[56]
Level 1[57]	**Verbal Warnings, Written Warnings**	24	100%
Level 2	**Written Notifications, Administrative Actions**	0	
Level 3	**Administrative Actions with Fine/Penalty, Cost Recovery**	0	
Level 4	**Legal Action**	0	
Total	**-**	**-**	**100%**

C.6.e.iii.2.f, g ►Illicit Discharges

The City of Alameda's summary of construction related storm water illicit discharges is as follows:

-	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)	One
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)	One

[55]Agencies should list the specific enforcement actions as defined in their ERPs.
[56]Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.
[57]For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.2.h, i ►Violation Correction Times

	Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	7	41%[58]
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0%[59]
Total number of violations (excluding verbal warnings) for the reporting year[60]	17	100%

Comments:

A summary and discussion of the Violations Correction Times documented this reporting period, is as follows:

(1) Three (of eight) of the active CGP sites subject to C6 inspections this reporting period did not have any violations resulting in written enforcement.

(2) The five remaining active CGP sites in town each received at least one written enforcement action for a stormwater violation(s).

(3) There were nine distinct inspection events where the total of seventeen violations were encountered, ranging from one to three violations (warranting written enforcement) per inspection. As noted above, seven of those violations were confirmed corrected in a timely manner.

(4) One of these five active sites receiving written enforcement action corrected its single violation in a timely manner with the initial Level 1 written enforcement action.

(5) Another of the five sites receiving written enforcement action did not correct the violation until receiving the escalating enforcement of the written enforcement action. This was more than ten days and there was an intervening rain event.

(6) The third site had two violations stemming from the same inspection. The corrections of the violations were confirmed completed within one week, but there was an intervening rain event.

(7) At the fourth site receiving written enforcement action, corrections to two of its violations (stemming from the same inspection) were not confirmed corrected until the subsequent monthly inspection. The five additional violations at this site were all corrected in a timely manner.

(8) And, at the fifth site receiving written enforcement action only one of the six violations were corrected in a timely manner. The corrections to two of the violations (stemming from the same inspection) were not confirmed completed until the subsequent monthly inspection; three additional violations, occurring together at a later inspection, were confirmed completed within one week but there was an intervening rain event.

As noted above, all of the violations encountered during site inspections were confirmed by inspection staff to have been corrected within thirty days. The City engaged in active implementation of site inspections and escalating enforcement action to compel corrections. Subsequent to those efforts, all violations by the developers were corrected in a timely manner through the remainder of the rainy season period.

[58]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.

[59]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.

[60]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.

C.6.e.iii.(4) ►Evaluation of Inspection Data

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).

Description:

This reporting period, and consistent with previous years, the City continued to use the electronic spreadsheet developed jointly by the permittees participating in the Alameda Countywide Clean Water Program for construction site inspection data tracking and tabulation, also consistent with the Provision C.6.e requirements of the MRP. The summary data presented above matches the data in our electronic tracking spreadsheet. The specific developer information associated with the summary of "Violation Correction Times" discussion above is not included in this annual report but is readily associated with the data in the tracking spreadsheet. In comparison to the previous FY 2014-15 reporting year, there were the same number of sites (nine) subject to the C6 inspection program. Six of these sites were the same as in the previous year, continuing construction activity into the current reporting year. The total of eight active CGP sites within our municipal jurisdiction this reporting period, plus the ninth site that had not yet broken ground, is a local indication of a continuing high level of development activity within the City's jurisdiction. The average number of inspections per site for sites active throughout the entire rainy season (October-April) was seven (7) inspections this reporting period, a decrease from an average of 11 documented inspections the previous year. Though prompt follow up site reconnaissance was often performed to provide spot checks on the status of corrective actions for violations this reporting period, general site conditions did not prompt the need for thorough full site re-inspections warranting documentation and tracking effort as independent site inspections.

Two of the eight active sites had a cumulative total of 13 (of the 17) violations resulting in written enforcement action throughout the rainy season this reporting period. This is consistent with other recent City experience (previously reported) that a preponderance of the violations (and municipal inspection/follow-up/enforcement activity) is often centered on only a small subset of the active development sites and the associated general contractor/site superintendents in town. 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. One of these two sites responsible for the majority of the documented violations this reporting period was also the location of the single illicit discharge incident that was encountered during the inspection program. It is noted that this illicit discharge incident was one of evidence of tool/equipment washout at a site storm drain inlet by an unknown site contractor/subcontractor that was documented by the City inspector. The site developer was subject to immediate and written enforcement for this event. The inlet area was cleaned up promptly and no further such action or evidence was observed through the remainder of the reporting period inspections. Staff would expect that if this CGP developer is required to report to the State, under their CGP obligations, concerning site discharge incidents, that the tool-washout incident is also included in their discharge accounting.

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. 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.(4) ►Evaluation of Inspection Program Effectiveness

Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.

Description:

City staff implemented monthly stormwater inspections at all of the active construction sites subject to the Provision C6 requirements throughout the October to April rainy season this reporting period. As noted above, City staff 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.

Program Strengths: (1) Continuing, on-going implementation of the City's project/permit conditions of approval process also reported on in previous reporting periods to effectively state municipal (grading) permit issuance expectations for developer compliance with the State's Construction General Stormwater NPDES Permit and local urban runoff standards. Staff continues to implement 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 State CGP program's webpage.

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

The City's sole Provision C6 inspector did not participate in any formal C6 training this reporting period. The City's Provision C6 inspector does review the Provision C6 requirements, the Provision C6 inspection tools, the CASQA Stormwater Best Management Practices Handbook – Construction, the City's Enforcement Response Plan and other construction activity BMP resources on a routine, and at least, annual basis, including during this current reporting year.

City staff also remained actively involved in the Alameda County Clean Program's New Development Subcommittee. Also, please refer to the C.6 Construction Site Control section of the Alameda Countywide Clean Water Program's FY 15-16 Annual Report which provides a description of activities at the countywide or regional level.

C.6.f ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	
None, as noted above.	-	-	-	-
-	-	-	-	-

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

C.7.b.i.1 ►Outreach Campaign

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

Summary:

The City of Alameda's C.7.b.i Outreach campaign efforts are being done by active participation in the countywide/regional outreach campaign efforts. Please refer to the Countywide Program's Annual Report for more detailed information concerning the ACCWP Provision C.7.b. Outreach Campaign.

C.7.c. Stormwater Pollution Prevention Education

Local stormwater phone number(s)	For information on the City of Alameda's stormwater quality protection program, call (510) 747-7930, Monday through Thursday, from 8:00 a.m. - 6 p.m.
Local/Regional stormwater website(s)	https://alamedaca.gov/go-green/green-water

The City of Alameda maintains informational webpages on the City's website to publicize a stormwater point of contact, provide information on stormwater issues, regulations, and resources for stormwater pollution prevention. The website link indicated above is the portal to that information.

In addition, the City launched an online services request-submittal tool (Submit a Request, "Welcome to Alameda See Click Fix!") this reporting period that is available from a link on the homepage of the City's website. https://alamedaca.gov/submit-request Citizens can enter a request for urban runoff information that will be routed to the City's Clean Water Program office personnel. The Public Works Department provided a public press release to announce the launching of this on-line and mobile reporting platform (the See-Click-Fix service request function) for the public's use. ("New Services for Alameda Residents to Report Issues", 11/5/15). The ability to use this application from a mobile device was also specifically highlighted in this press release.

One of the City's CWP webpages makes specific reference to and provides a link to the Alameda Countywide Clean Water Program's regional website. See https://alamedaca.gov/go-green/clean-water-regulations

The Alameda Countywide Clean Water Program's C.7 Public Information and Outreach section of Program's FY 15-16 Annual Report also discusses efforts conducted by the countywide program to publicize stormwater points of contact (e.g. program website, hotline, the on-line availability of outreach materials).

C.7.d ►Public Outreach and Citizen Involvement Events

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

Event Details	**Description** (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, creek clean-up, storm drain stenciling, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape 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: • Success at reaching a broad spectrum of the community • Number of participants compared to previous years. • Post-event effectiveness assessment/evaluation results • Quantity/volume of materials cleaned up, and comparisons to previous efforts
FARMERS MARKET OUTREACH **Dates:** **July 28, 2015 (9 am to 1 pm)** **August 18, 2015 (9 am to 1 pm)** **September 29, 2015** **Location: Haight Avenue @ Webster Street**	**Audience:** Market attendees and vendors **July Outreach Description:** Purpose of event: Educate market goers about storm water pollution prevention and encourage anti-litter behavior. Event Description: To engage people in playing the pollution prevention match game or taking a "litter" survey, staff gave away CWP re-usable bags (bagito). People had to match the right tool to clean up a dirty drive way, leaves on a storm drain grate, a dirty car, and litter on street. Whenever someone wanted to use the	**July Outreach Results** The Farmers Market was well attended and staff was very busy through the entire period interacting with market goers. Many people participated in the pollution prevention match game and an additional 23 people participated in the litter survey. A copy of the survey results is sequentially attached at the end of this report. (see deliverables C.7 folder for the pdf file of the survey result to include in AR) **Outreach Materials:**

	"hose" as clean up tool, staff explained that hosing down anything including the personal vehicle was bad for the Bay explaining that storm drains drain directly to the Bay without treatment. The survey was focused on litter and the pacific garbage patch, making a connection that litter on street will end up in storm drains which drain directly to the Bay, and ultimately litter ends up in the ocean. Staff also promoted the LuvTheBay anti-litter campaign. **August Outreach Description:** Purpose of event: Educate market goers about storm water pollution prevention and encourage anti-litter behavior. Event Description: To engage people in playing the pollution prevention match game, staff gave away CWP re-usable bags (bagito). A description of the pollution prevention match game is described under the July Event Description. Staff also promoted the use of less toxic pesticides. Additionally, Amy from Gigantic Idea Studio (GIS) promoted the LuvTheBay anti-litter campaign. As part of the LuvTheBay campaign, staff informed booth visitors how rain and wind carry litter into storm drains which flow directly to the Bay. Once we created the litter problem awareness, we encouraged booth visitors to participate in a fun anti-litter campaign in which their photo can be part of a large mosaic on-line art project. If booth visitors agreed to it, staff took their photo holding a "no litter pledge sign" and uploaded the photo to the LuvTheBay.org mosaic. **September Outreach Description:**	Staff distributed 54 CWP re-usable bags made the following outreach materials available to market goers: • Clean Water Program activity books (grades K-3 and grades 4-6) • Clean Water Program stormwater awareness brochure (accordion style) • No Dumping Drains to Bay brochure • Pencils promoting the Clean Water Program • LUV the Bay Flyers **August Outreach Results:** The Farmers Market was well attended and staff was very busy through the entire period interacting with market goers. CWP staff distributed 34 CWP re-usable bag to people participating in the pollution prevention match game. 13 people pledged to use the Native seed mix. 4 people pledged to try one of the non-toxic pesticide recipes. Additionally, as part of the LuvTheBay campaign, 40 people pledged to stop litter and GIS staff posted their photos onto the on-line mosaic. **Outreach Materials:** Staff made the following outreach materials available to market goers: • Clean Water Program activity books (grades K-3 and grades 4-6) • Clean Water Program stormwater awareness brochure (accordion style) • No Dumping Drains to Bay brochure • Pencils promoting the Clean Water Program • Native Seed Mix Packets

	Purpose of event: Educate people about storm water pollution prevention and encourage behavior that helps protect water quality. Event Description: To encourage market goers to take a survey, staff gave re-usable produce bags away. The purpose of the survey was to create awareness that storm drains flow untreated to the bay and that litter in the streets, applying pesticides in the yard/garden and/or washing the car in the driveway have negative impacts on the Bay. The survey also included targeted question of things people can do to prevent pollution. Anybody taking the survey received 2 re-usable produce bags with the message "Reduce Waste & Avoid Litter, CHOOSE REUSABLE!"	• Non-Toxic Pesticide Recipe Labels • OWOW Pocket Guides "Pests bugging you?" **September Outreach Results:** The Farmers Market was well attended and staff was very busy through the entire period interacting with market goers. A total of 50 people participated in the survey and staff distributed 100 re-usable produce bags. Many people taking the survey commented that the questions made them think! A copy of the survey results is sequentially attached at the end of this report. (see deliverables C.7 folder for pdf file of the survey result to include in AR) **Outreach Materials:** Staff made the following outreach materials available to market goers: • Clean Water Program activity books (grades K-3 and grades 4-6) • Clean Water Program stormwater awareness brochure (accordion style) • Detain the Rain brochure • Pencils promoting the Clean Water Program • Native Seed Mix Packets • Non-Toxic Pesticide Recipe Labels • OWOW Pocket Guides "Pests bugging you?"
COASTAL CLEAN UP OUTREACH **Date: September 19, 2015 (8:30 to noon)** **Locations:** **Alameda Crown Beach** **Yacht Clubs/Marinas in Alameda**	**Audience:** City of Alameda Community (youth, teens, residents of all ages) **Objectives:** 1. Clean up trash from Alameda shorelines.	**Activity Results:** Registration records indicate that over 580 people participated in the beach cleanup (including the yacht clubs/marinas). Participants removed over 2400 lbs. of debris from the beach (including the yacht clubs/marinas).

	2. Encourage anti-litter behavior by promoting the LuvTheBay campaign and creating public awareness on how land-generated litter can end up as marine debris. **Event Description at Main Site (Park Street & Shoreline):** Two Clean Water Program staff with assistance from ARPD (1 staff) and Stefanie from Gigantic Idea Studio (ACCWP consultant) informed Coastal Cleanup volunteers about a fun campaign in which their photo(s) can be part of a large mosaic on-line art project. Many Volunteers collecting litter from Crown Beach were already aware of the litter problem and were eager to be part of the project. Staff promoted the campaign in two ways: 1) At the Clean Water Program booth, 2 staff were interacting with volunteers and taking photos of volunteers holding a sign saying "I pledge TO STOP Litter& always use trash and recycling cans." To make it more fun, staff provided props that volunteers could use to take their photos. 2) Two staff walked the beach, informing cleanup volunteers of the LuvTheBay campaign and took photos of volunteers in action for the LuvTheBay mosaic on-line art project.	**LuvTheBay Campaign Results:** The campaign was very successful. A total of 4 staff (2 CWP staff, 1 ARPD staff, and help from Stefanie (Gigantic Idea Studio) were busy engaging with volunteers for the entire time of the event. Staff took photos of approximately 70-80 volunteers and uploaded the photos onto the mosaic after the event. **Outreach Materials:** Staff made the following outreach materials available to Coastal Clean Up volunteers: • Clean Water Program activity books (grades K-3 and grades 4-6) • Clean Water Program stormwater awareness brochure (accordion style) • No Dumping Drains to Bay brochure • Detain the Rain brochure • Pencils promoting the Clean Water Program • Native Seed Mix Packets
ALAMEDA POINT VOLUNTEER CLEAN-UP **Date: 8/22/2015 (9:00 am to noon)** **Location: TMA 1 – Main Street Shoreline Parking Lot/Overlook & Ferry Terminal Overflow Parking**	**Activity: On-land and shoreline clean-up.** **Description:** City of Alameda Clean Water Program staff worked with volunteers to remove trash/litter on-land and along the shoreline including the rip-rap area.	**Results:** 40 people participated in the clean-up event removing a total of 3.5 cubic yards of debris, which was broken down by weights by the waste hauler (ACI) as follows:. • 98 lbs of trash • 56 lbs of recyclables

		Total debris collected 154 lbs. The following dominant types of trash were collected: • Beverage cups • Bottle caps/lids • C&D Wastes • Cigar tips & cigarette filters • Glass bottles • Pieces of hard plastic • Plastic wrappers • Straws/stirrers • Styrofoam Sources of trash/debris come from tidal accumulation, littering, and illegal dumping. Comparison to previous clean up held on July 19, 2015: 31 people participated in the clean up removing approximately 3.5 cubic yard of debris. The dominant types of trash were the same, but the volume of debris removed, the weights provided by the waste hauler were quite different as detailed below: • 122.5 lbs of trash • 117.3 lbs of recyclables • 19.8 lbs or green/organic waste Total debris collected 259.6 lbs. Sources of trash/debris are the same as described above.
MLK Service Day – VOLUNTEER CLEAN UP (Site 1) **Date: January 16, 2016 (9:00 am to 3:00 pm)** **Location: TMA 1 – Main Street Shoreline Parking Lot/Overlook & Ferry Terminal Overflow Parking**	**Activity: On-land and shoreline clean-up.** **Description:** City of Alameda Clean Water Program staff worked with volunteers to remove trash/litter on-land and along the shoreline including the rip-rap area.	**Results:** 113 people participated in the clean-up event removing approximately 5 cubic yards of debris, which was broken down by weights by the waste hauler (ACI) as follows:. • 621 lbs of trash • 382 lbs of recyclables

		• 215 lbs of organics Total debris collected 1,218 lbs. The following dominant types of trash were collected: • Beverage cups • Bottle caps/lids • C&D Wastes • Cigarette filters • Glass bottles • Plastic bottles • Pieces of hard plastic • Plastic wrappers • Straws/stirrers • Styrofoam **Comparison to Previous Clean Ups:** Increased volunteer participation led to an increased amount of debris collected. The dominant types of trash are similar. Sources of trash/debris continue to come from tidal accumulation, littering, and illegal dumping.
MLK Service Day– VOLUNTEER CLEAN UP (Site 2) **Date: January 16, 2016 (9:00 am to 3:00 pm)** **Location: Trash Hot Spot # 4 – Encinal Beach including Encinal Boat Ramp, Jetty and parts of Bay Trail**	**Activity: On-land and shoreline clean-up.** **Description:** City of Alameda Clean Water Program staff worked with volunteers to remove trash/litter on-land and along the shoreline including the rip-rap area.	**Results:** 75 people participated in the clean-up event removing approximately 4.5 cubic yards of debris, which was broken down by weights by the waste hauler (ACI) as follows:. • 39.6 lbs of trash • 120 lbs of recyclables • 53.2 lbs of organics Total debris collected 212.8 lbs. The following dominant types of trash were collected: • Beverage cans • Biodegradable items • Bottle caps/lids

		• Plastic bags • Plastic bottles • Plastic wrappers • Straws/stirrers • Styrofoam Sources of trash/debris come from tidal accumulation and littering. Comparison to Previous Clean Ups: No recent and/or comparable volunteer clean-up was held at this location.
EARTH DAY FESTIVAL **Date: April 23, 2016 (10:00 am to 3:00 pm)** **Location: Washington Park**	**Audience:** Alameda Residents of all ages. **Objectives:** 1. Create awareness that daily activities can have an adverse impact on the Bay and encourage behavior that prevents storm water pollution. 2. Create awareness about the problem of litter and encourage anti-litter behavior. **Event Description:** CWP had 2 tables set up with different activities. **Activity 1:** Staff used "What's in our Water" game to attract and engage booth visitors. This a simple game where players "GO FISHING" and draw a wooden tile from a 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 booth staff used the opportunity to explain that litter ends up in our water, often through storm drains that are many miles from Alameda shores. Staff emphasized the storm drain-to-Bay connection: "If it goes into the storm drain...it ends up in our water."	**Outreach Results:** The event was very successful. The 2 CWP staff and the 2 ARPD staff were busy engaging with booth visitors for the entire time of the event. There was a constant flow of people visiting the booth and signing pledges. A special give-away (reusable utensils) was provided to booth visitors that did spend a considerable amount of time at the CWP booth discussing storm water related issues. **Observation:** It was interesting to observe that most people did not make the connection between cleanup activity and stormwater pollution even though they were aware that storm drains drain to the Bay. **Activity 1:** Anybody participating in the game had a choice of the following prizes: • Pencils promoting the Clean Water Program • Activity books (K-3 and grades 4-6). • Native wildflower seed mix **Activity 2:** Anybody participating in the game had a choice of the following prizes:

	Activity 2: To attract and engage booth visitors, staff played the pollution prevention match game. Please refer to the July Farmers Market outreach event for a description of the game.	• Public Works reusable produce • Pencils promoting the Clean Water Program • Non-toxic pest control recipe labels The people who received the native wildflower seed packages and/or non-toxic pest control recipe labels were asked to sign a pledge that they were going to o plant the seeds and/or try one of the recipes on the labels. Representative photos of the pledges are sequentially attached at the end of this report. (see deliverables C.7 folder for pdf file of the survey result to include in AR) **Other Outreach Materials:** In addition to the materials mentioned above, staff also distributed the following information: • Clean Water Program stormwater awareness brochure (accordion style) • 10 Most Wanted Bugs • OWOW Pocket Guides "Pests bugging you?"
Stormwater Exhibit at the Alameda County Fair: The Fair is running from June 15 to July 4, 2016. Setting up the exhibit and producing the outreach materials are Countywide Program efforts. Staffing the exhibit is an effort conducted by individual Permittees.	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.	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 15/16 Annual Report.

C.7.e. ►Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

Please refer to the Alameda Countywide Clean Water Program Annual Report where a summary of Provision C.7.e. efforts conducted at the countywide or regional level is being provided. City of Alameda personnel actively participated in the countywide program subcommittee activities promoting and supporting the implementation of these countywide level activities.

C.7.f. ►School-Age Children Outreach

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

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high) Please reference Section C.7 of the countywide program's FY 15-16 Annual Report which provides a description of the School-age Children Outreach efforts conducted at the countywide level. In addition, the City of Alameda's separate Provision C7 School Outreach program is discussed below:	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.

Program Name: Watershed Rangers Program (grades K-6) The City's Public Works Department contracted with the Kids for the Bay to implement the Watershed Ranger Program among K-6 students in Alameda schools.	**Program Description:** The Watershed Ranger Program is a hands-on school outreach program that promotes anti-litter behavior trough watershed awareness and through the use of re-usable items as well as proper disposal/recycling of wastes. It is a 3-step program that entails: 1. A hands-on classroom workshop (3-4 hours) including a school neighborhood litter pickup. 2. A take-home family interview, which includes making environmental pledges with family members. 3. An action project designed and implemented by the school students. In the class-room students learn how litter on streets gets into San Francisco Bay through storm drains and ends up as marine debris in the Pacific Ocean. Then, students will go on a walk around their school neighborhood and pick up litter; thus, preventing it from getting into the storm drains and the Bay. Back in the classroom, students will examine their packed lunches and discuss the best choices for packaging lunch items that will reduce packaging wastes ending up in landfills as well as prevent these wastes from entering storm drains and the Bay.	This reporting period, the Watershed Rangers Program was delivered to 16 classes reaching 397 students and 16 teachers.	**Program Results:** • The program was delivered to 16 classes, reaching 397 students and 16 teachers. • A total of 10,203 pieces (34 gallons) of litter were collected during the school neighborhood litter pickups. • 6 classes conducted additional litter cleanups as part of their action project. • 2 classes held a zero-waste lunch day and taught other classes about storm drain pollution as part of their action projects. • 4 classes chose to have a Reuse Art Project Display made from trash as their action project. • 2 classes made posters to present to other classes about reducing waste and litter. • 2 classes held recycling events as part of their action projects. Changes in Awareness & Behavior: The following are two excerpts from the teachers' evaluations: • "I have notices that as a result of this program my students are being more responsible for picking up their trash in the cafeteria and on the yard. They are even helping to keep the cafeteria and common areas free of litter even when the litter is not theirs." • "Our school community was affected – we installed the student-created Reuse Art Project "litter critters" in 2 of our main hall display cases. As we continued with our weekly beach clean-up activities, students showed more knowledge and concern about what they were seeing."

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ►Implement IPM Policy or Ordinance

Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?	X	Yes		No

If no, explain:
The City of Alameda is implementing its IPM Policy and the standard operating procedures that assist with the proper implementation of this Policy. See further response in Section C.9.c., below.

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

Trends in Quantities and Types of Pesticides Used[61]

No City staff, City contractor or operator on City-owned property used any of the highlighted pesticide types that threaten water quality. The City continued to implement its IPM Policy to ensure that any and all pesticide usage was performed in a manner that does not threaten water quality.

Pesticide Category and Specific Pesticide Used	Amount[62]					
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Organophosphates	None					
Pyrethroids	None					
Carbamates	None					
Fipronil	None					
Indoxacarb	Reporting not required in FY 15-16					
Diuron	Reporting not required in FY 15-16					

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

Diamides	Reporting not required in FY 15-16					

IPM Tactics and Strategies used:

Two examples of the IPM tactics and strategies used during contracted City operations and/or on city-owned property this reporting period are:

(1) The landscape contractor responsible for routine landscaping maintenance services on the former Alameda Naval Air Station property routinely performs site monitoring and mechanical removal methods such as string trimming and the mowing down of weeds in order to reduce the usage of herbicides for weed control.

(2) The golf complex operator implements multiple complementary measures to lessen the need for pesticide applications, including, but not limited to: daily monitoring of climatic conditions in conjunction with established threshold numbers for fungal infections and weed populations; cultural programs such as mulching; management of proper fertility levels and adequate mowing heights/frequencies as an alternative to pesticide applications.

C.9.b ►Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	2
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	1
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	50%

Type of Training:

The interim Parks Manager, one of the two municipal recreation and park department employees who apply or use pesticides within the scope of their duties, maintains current Bay Friendly Coalition certification and completed a PAPA seminar for continuing professional education units this reporting period.

C.9.c ►Require Contractors to Implement IPM

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

If yes, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored

The City has standard contract specifications for the implementation of the City's IPM Policy that include the requirements for the contractor to submit an IPM Policy implementation verification form and contractors' IPM certifications. All contractors are required, annually, to also provide a summary report on all pesticide usages for review by the project managers and Clean Water Program staff. These contractor summary reports, along with similar municipal department reports, are the basis for the pesticide-use summary provided above.

C.9.d ►Interface with County Agricultural Commissioners

Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,		Yes	**X**	No

If yes, summarize the communication. If no, explain.

The City of Alameda did not receive any incident reports or observe any other cause to inform the County Agricultural Commissioner of a water quality issue related to pesticide usage or mis-use. In addition, please reference the C.9 Pesticides Toxicity Control section of the Alameda Countywide Program's FY 15-16 Annual Report for information on Countywide Program efforts in support of the implementation of this Permit provision.

Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.		**Yes**	**X**	**No**

If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.

No, no such violations were observed, reported, or shared.

C.9.e.ii (1) ►Public Outreach: Point of Purchase

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); **OR** reference a report of a regional effort for public outreach in which your agency participates.

Summary:

Please reference the C.9 Pesticides Toxicity Control section of the Alameda Countywide Program's FY 15-16 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of the Alameda Countywide Program's FY 15-16 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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

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

Summary:

Please reference the C.9 Pesticides Toxicity Control section of Alameda Countywide stormwater program's FY 15-16 Annual Report for a summary of the countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

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

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

Summary:

During FY 15-16, the City of Alameda participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Program's Annual Report and the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ► Trash Load Reduction Summary

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the trash estimate below, including whether the applicable trash reduction performance guideline or deadline was attained. If not attained, include a discussion of next steps (e.g., development of a detailed plan or report of non-compliance).

Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to **Trash Full Capture Systems** (as reported C.10.b.i)	26.9%
Percent Trash Reduction in all TMAs due to **Control Measures Other than Trash Full Capture Systems** (as reported in C.10.b.ii)	16.3%
Percent Trash Reduction due to **Jurisdictional-wide Source Control Actions** (as reported in C.10.b.iv)	10%
SubTotal for Above Actions	53.2%
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	7.1%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	-
Total Estimated % Trash Load Reduction in FY 15-16	**60.3%**

Discussion of Trash Load Reduction Estimate:

The City of Alameda is on-par and has attained the applicable trash reduction performance guideline for this reporting period. As summarized above, the City of Alameda's "Total Estimated % Trash Load Reduction in FY 2015/16" is 60.3%. The Trash Load Reduction percentages shared above are discussed further below in Annual Report Sections C.10.a.i., C.10.a.iii., C.10.b.i., C.10.b.ii., C.10.b.iv., and C.10.e. Please also reference the detailed TMA acreage and TMA treated-acreage values presented in Appendix I at the end of this Provision C.10 reporting section.

In summary, the trash full capture systems installed to-date (and after the effective date of the MRP 1.0 permit) result in a jurisdiction-wide trash reduction of 26.9 % as of the end of this reporting period. The trash control measures other than trash full capture systems result in a further total trash reduction of 16.3%. Jurisdiction-wide trash reduction source control measures account for a 10% reduction and additional shoreline and on-land cleanups result in an additional trash reduction offset of 7.1%.

The City implements two Trash Control Measures Other Than Full Trash Capture that are resulting in trash reduction percentage points. These are (a) the MRP I.0 permit-term enhanced storm drain inlet cleaning program and, (b) storm drain pump station automated trash racks installed or operationally-upgraded since the effective date of the MRP 1.0. The City's enhanced storm drain inlet cleaning program is currently considered to contribute a 25% reduction in the higher trash reduction-priority TMAs 2, 3, 5 and 6, where these efforts have been implemented. This is based on the multi-year average results of the trash volume capture/removal data from the municipal maintenance storm drain infrastructure cleaning program that has been consistently collected and tracked on monthly and annual bases since, at least, the stormwater Permit term prior to the MRP 1.0. A four-year average annual total volume capture from the enhanced storm drain inlet cleaning program since this program was implemented in FY 2011/12 through FY 2014/15 (157 cubic yards/year) is an increase of 25% from the annual average from the previous three-year term, FY 2008/09 through FY 2010/11, (125 cubic yards/year). Partial capture automated trash racks are conservatively 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. So, for example, if exactly 50% of the drainage area of a TMA is upgradient of and drains via the MS4 to a storm drain pump station/outfall protected with an automated trash rack, then the City calculates that trash reduction result as follows: there is a resultant 25% (or 0.25) reduction of the existent High and Medium trash generation acreages in this TMA due to the combined effects of the assumed trash rack efficacy (50%, or 0.5) and the actual area treated, in this example case 50% (or 0.5) of the total area.

Three jurisdiction-wide actions for which the City can identify a specific percentage reduction value account for a 10% trash loading reduction, the maximum allocation for the jurisdiction-wide source control measures. For the Jurisdiction-wide trash load reduction source control measures (a) single-use plastic bag and, (b) expanded polystyrene foam bans, the City of Alameda is referencing the assessment methods and the results discussed in Section C.10 of the ACCWP FY 15-16 Annual Report.

All of the City of Alameda's formal shoreline Trash Hot Spot cleanup efforts were City-managed contractor efforts focused on cleanup of the target shoreline stretches over the course of an entire work week (if necessary) for each shoreline hot spot. The total of 13.1 cubic yards of trash, litter and debris removed from the shoreline/receiving waters area this reporting period is a sizable contribution to the removal of trash and litter from San Francisco Bay and may mitigate for potential trash and litter discharges from the City's MS4. The City will continue to support the efforts to derive a regionally agreed upon method to monitor receiving waters trash loading and to determine how thorough and effective shoreline cleanup efforts can result in a quantifiable, additional, trash load reduction credit in future reporting periods and Provision C10 benchmark reporting.

C.10.a.i ► Trash Load Reduction Summary

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the trash estimate below, including whether the applicable trash reduction performance guideline or deadline was attained. If not attained, include a discussion of next steps (e.g., development of a detailed plan or report of non-compliance).

The City of Alameda is on-par and has attained the applicable trash reduction performance guideline for this reporting period. As summarized above, the City of Alameda's "Total Estimated % Trash Load Reduction in FY 2015/16" is 60.3%. The City continues to implement maintenance activities, planning and strategizing to further improve trash reduction control efforts within the jurisdictional areas within the City of Alameda. As the data presented in this report section indicates, the trash reduction control measures implemented to-date have focused greater attention in the trash generation areas categorized as Very High (VH), High (H) and Moderate (M) areas. Longer-term planning will continue in earnest during the FY 2016/17 (present) reporting period for reaching forthcoming trash reduction control milestones and deadlines.

The City has also installed 15 partial trash capture devices at curb inlet mouths since the effective date of the MRP 1.0. These devices are referred to as Wing Gate Automatic Retractable Screen Grate devices. The City will rely upon the results of regional assessments to determine the trash load reduction value that can be attributed to these devices. The City has not yet quantified any trash reduction load value for these devices installed since the effective date of the MRP1.0.

One still-pending analysis for the City of Alameda is the determination of the full trash capture results of stormwater treatment systems installed via provision C.3 (e.g., bioretention areas) at privately-owned facilities. The area calculations data for the drainage areas treated by these private devices within TMAs 2 (Park Street Business and Retail District), 3 (Webster Street Business and Retail District) and 8 (Commercial/Industrial Areas), principally, have not yet been formally determined for or integrated with the City's trash capture and trash reduction mapping and calculating tools and efforts.

C.10.a.iii ► Mandatory Trash Full Capture Systems

Provide the following:

1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 15-16, during FY 15-16, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.
2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.

Type of System	# of Systems	Areas Treated (Acres)
Installed Prior to FY 15-16		
Storm Tek – ST3G (publicly owned)	4	62.63
Wavy Grate Trash Catchers (publicly owned)	32	172.18

Triton Bioflex Drop Inlet Trash Guards (publicly owned)	20	18.14
CDS units (privately owned)	3	6.16
Installed in FY 15-16		
Triton Bioflex Drop Inlet Trash Guards (privately owned)	25	16.28
-	-	-
Total for all Systems Installed To-date		**275.38**
Treatment Acreage Required by Permit (Population-based Permittees)		**121**
Total # of Systems Required by Permit (Non-population-based Permittees)		**-**

One pending analysis for the City of Alameda is the determination of the full trash capture results of treatment systems installed via provision C.3 (e.g., bioretention) at privately-owned facilities. The area calculations data for the drainage areas treated by these private devices has not yet been formally determined for or integrated with the City's trash capture and trash reduction mapping and calculating system.

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

Provide the following:

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

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full	Summary of Maintenance Issues and Corrective Actions
1	1.46%	56 publicly owned and maintained; 28 privately owned and maintained	1% (one of 112 device maintenance cleaning inspections). City staff has initiated tracking of this data this reporting period.	Thirty-six of the publicly owned FTCs are cleaned and inspected quarterly by municipal maintenance staff. The 20 additional publicly-owned FTCs are cleaned and inspected three times/year under a professional service contract. The one device that was encountered to have a screen that was more than 50% full during the Spring 2016 cleaning inspection will be subject to more routine inspection-cleaning events with the resultant service frequency to be further assessed. This City
2	12.34%			
3	2.02%			
4	5.94%			
5	2.31%			
6	0.24%			

7	2.33%			maintenance program cleaned 204 storm drainage trash full capture devices during routine inspection and maintenance efforts this reporting period and removed approximately 283 cubic feet and an additional 549 gallons of trash/debris.
8	0.03%			
9	-			
10	0.0%			
11	0.26%			
12	0.01%			
Total	**26.94**			
Certification Statement: The City of Alameda certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable systems in manner that meets the full capture system requirements included in the Permit.				

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

Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels and areal extent of implementation, and whether actions are new, including initiation date.

TMA	Summary of Trash Control Actions Other than Full Capture Systems
1	On-land trash cleanups performed this reporting period across 100% of the TMA on 8/22/15, 1/16/16, and 5/24-25/16. These TMA-wide on-land cleanups were initiated during the MRP I permit term. The Municipal street sweepers operate on a weekly basis along the paved public right-of-ways of TMA 1.
2	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. Active street sweeping program through 100% of the TMA. (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. The City's post-MRP 1.0 effective date enhanced storm drain inlet cleaning program is currently considered to contribute a 25% reduction in this higher priority TMA 2, as discussed above. (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.
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 of TMA3. This pump station received significant post-MRP operational upgrades in FY 2011-12 though the trash rack itself was installed pre-MRP. Partial-capture, automated-trash-racks are conservatively being assumed to capture and remove 50% of the total trash/litter volume load transported to the pump station/trash rack location. (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. Active street sweeping program through 100% of the TMA. (3) Enhanced storm drain inlet maintenance, as discussed in the City's Long-Term Trash Load Reduction Plan, focusing maintenance attention in this high-profile area. The City's post-MRP 1.0 effective date enhanced storm drain inlet cleaning program is currently considered to contribute a 25% reduction in this higher priority TMA 3, as discussed above. (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.
4	(1) 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 High Trash Generation area. This pump station received significant post-MRP operational upgrades in FY 2011-12 though the trash rack itself was installed pre-MRP. 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.

	(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) Anti-littering and illegal dumping outreach, inspection and enforcement activities consistent with municipal Provision C4 and C5 implementation efforts.
5	(1) The entire 48 acres of the west-end residential high trash generation areas of TMA 5 drain to a downgradient stormwater pump station with an automated trash rack, This pump station received significant post-MRP operational upgrades in FY 2011-12 though the trash rack itself was installed pre-MRP. As indicated 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. (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. The City's post-MRP 1.0 effective date enhanced storm drain inlet cleaning program is currently considered to contribute a 25% reduction in this higher priority TMA 5, as discussed above. (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.
6	(1) 0.36 acres of TMA 6 drainage areas 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. 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. (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. The City's post-MRP 1.0 effective date enhanced storm drain inlet cleaning program is currently considered to contribute a 25% reduction in this higher priority TMA 6 area, as discussed above. (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.
7	(1) 30.24 acres of the collective TMA 7 drainage areas drain to a stormwater pump stations with an automated trash rack installed/upgraded post MRP. 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. (2) Municipal street sweepers operate on a weekly basis along all of the public right-of-ways of TMA 7. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP.
8	(1) 58.08 acres drain to stormwater pump stations with automated trash racks installed/upgraded post MRP. 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.

	(2) The City's Maintenance Assessment District program administers the landscape maintenance agreement for one, high-profile, waterfront commercial district within this TMA. The agreement includes weekly litter/trash pickup in turfed areas, planter strips and street median. This landscape maintenance arrangement pre-dates the effective date of the MRP and no needed improvements have been determined to-date. (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.
9	TMA 9 (Neighborhood Schools) is presently being considered a non-jurisdictional area. The TMA 9 areas are not being factored into the trash reduction calculations this reporting period. Nonetheless, municipal street sweepers continue to operate on an at-least weekly basis along all of the public right-of-ways of TMA 9. Our municipal trash/litter reduction outreach program to school-age residents has also continued this reporting period, as indicated in Section C7 of this report. And, a municipal trash hot spot cleanup effort continues to occur 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.
10	(1) Regarding partial-trash capture devices, 32.6 acres of this TMA drain to a stormwater pump station with an automated trash rack installed/upgraded post MRP. 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. Since the area draining to this pump station is a Low trash generation residential area however, no trash control reduction percentage is calculated for this trash control measure at this location. (2) Municipal street sweepers operate on a weekly basis along all of the public right-of-ways of TMA 10. The use of regenerative air sweepers for these operations was initiated after the MRP effective date while the sweeping coverage and frequency intervals were established pre-MRP. (3) Anti-littering and illegal dumping outreach, inspection and enforcement activities consistent with municipal Provision C4 and C5 implementation efforts. (4) On-land cleanups resulting in the capture and removal of a total of 11.27 cubic yards of trash and litter debris this reporting period.
11	(1) 26.43 acres) drain to stormwater pump stations with automated trash racks installed/upgraded post MRP. These 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. (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) 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. Active, regular landscape maintenance and litter control through 100% of the TMA.

12	(1) 192.91 acres of TMA 12 drain to stormwater pump stations with automated trash racks installed/upgraded post MRP and considered a partial trash capture device. Since the areas draining to these pump stations are Low trash generation residential areas however, no trash control reduction percentage is calculated for this trash control measure at these locations. (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.

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

Provide the following:

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

TMA ID or (*as applicable*) Control Measure Area	**Total Street Miles or Acres Available for Assessment**	**Summary of On-land Visual Assessments**			**Jurisdictional-wide Reduction (%)**
		Street Miles or Acres Assessed	**% of Applicable Street Miles or Acres Assessed**	**Avg # of Assessments Conducted at Each Site**	
-	-	-	-	-	-
-	-	-	-	-	-
-		**-**	**-**	**-**	**-**

The City of Alameda has not performed any formal Visual Assessments this reporting period as a tool to assess the effectiveness of other trash management actions. The City's post MRP1.0 enhanced street sweeping program efforts are accounted for under the Jurisdiction-wide trash control efforts. The following two Trash Control Measures Other Than Full Trash Capture that are resulting in trash reduction percentage points are (a) the MRP I.0 permit-term enhanced storm drain inlet cleaning and, (b) the storm drain pump station automated trash racks installed or operationally-upgraded since the effective date of the MRP 1.0. The City's post-MRP 1.0 effective date enhanced storm drain inlet cleaning program is currently considered to contribute a 25% trash reduction in the higher priority TMA areas(TMAs 2, 3, 5 and 6), where these efforts have been implemented, based on the multi-year average results discussed above.

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

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

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction	Total Reduction Credit (%)
Single-use Plastic Bag Ordinance or Policy	The Alameda County Waste Management Authority adopted the Single-Use Bag Ban. The City of Alameda has adopted into this ordinance program. As of January 1, 2013, all 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	See Section C.10 of the ACCWP FY 15-16 Annual Report.	See Section C.10 of the ACCWP FY 15-16 Annual Report.	4%	**10%**
Expanded Polystyrene Food Service Ware Ordinance or Policy	The City of Alameda was an early adopter of an expanded polystyrene food service ware ordinance, adopting this ordinance in 2007, banning the use of polystyrene foam food service ware in most food service ware applications.	See Section C.10 of the ACCWP FY 15-16 Annual Report	See Section C.10 of the ACCWP FY 15-16 Annual Report.	4%	
Municipal Enhanced Street Sweeping Practices	The City's fleet of regenerative air sweepers has been purchased since the effective date of the MRP 1.0 and has been in operation from FY 2011/12.	Municipal street sweeping volume capture data has been consistently collected and tracked on monthly and annual bases since, at least, the stormwater Permit term prior to MRP 1.0. The four-year average annual total volume capture from the regenerative air sweepers FY 2011/12 through FY 2014/15 is 10,832 cubic yards of total trash, litter and debris/year.	In comparison to the annual average total amount of trash, litter and debris collected during the previous three-year term, FY 2008/09 through FY 2010/11, 10,209 cubic yards/year, there has been a current increase of over 6% in the total amount of trash litter and debris captured.	6%	

C.10.c ► Trash Hot Spot Cleanups

Provide the FY 15-16 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 15-16.

Trash Hot Spot	New Site in FY 15-16 (Y/N)	FY 15-16 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
Site 1, Alameda Point northern shoreline (Oakland Inner Harbor)	N	November 17-19, 2015	7.2	13.5	6.0	5.9	2.6
Site 2, 1500-block East Shore Drive (San Leandro Bay)	N	April 11-14, 2016	6.7	7.8	4.4	6.7	6.0
Site 3, Washington Court and Lincoln Middle School shoreline (San Leandro Bay)	N	November 2-5, 2015	9.9	2.9	6.2	1.3	2.2
Site 4, Alameda Park Beach (San Francisco Bay)	N	May 10-12 and May 26, 2016	63.3	4.1	11.8	5.5	2.3
-	-	-	-	-	-	-	-

The City of Alameda photographs and documents all hot spots before and after cleanups/assessments per the requirements in Provision C.10.c.iii.

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

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

Description of Significant Revision	Associated TMA
Perform and complete initial baseline visual assessments in spot locations on periphery of original TMA 3 area resulting in revision of trash generation rate from High (default) to Low in many, but not all, of these separate parcels and properties within this TMA. Baseline trash generation map has been changed accordingly.	TMA 3
Perform and complete initial baseline visual assessment in a high pedestrian traffic location on the periphery of the original TMA 5 area resulting in revision of trash generation rate from Medium to High for this large, vacant parcel and expansion of the boundary of TMA 5. Baseline trash generation map has been changed accordingly.	TMA 5
Perform and complete initial baseline visual assessments in spot locations of select, isolated parcels in the TMA 6 areas resulting in revision of trash generation rate from High to Low in some, but not all, of these separate parcels and properties within this TMA. Baseline trash generation map has been changed accordingly.	TMA 6
Correction of a boundary line segment between TMA 7 and TMA 12, expanding TMA 7, and the correction of the trash generation rate for this area consistent with the original field determination data. Baseline trash generation map has been changed accordingly.	TMA 7
Perform and complete initial baseline visual assessments in spot locations of select, isolated parcels in the TMA 8 areas resulting in revision of trash generation rate from Medium to Low in many, but not all, of these separate parcels and properties within this TMA. Baseline trash generation map has been changed accordingly.	TMA 8
Consistent with recent (2015) formal conveyance of select Naval parcels to the City of Alameda at Alameda Point (TMA 10), the boundaries of the jurisdictional TMA 10 areas have been revised. Baseline trash generation map has been changed accordingly.	TMA 10
Initial Baseline Visual Assessments performed and completed for TMA 10 (Alameda Point) resulting in revision of trash generation rate from Medium to Low in many, but not all, of the separate parcels and properties within this TMA. Baseline trash generation map has been changed accordingly.	TMA 10
Identification of Park properties previously included within neighboring low trash generation TMA 12 areas as TMA 11 parcels, increasing accuracy of TMA 11 delineations. Then, initial Baseline Visual Assessments performed and completed for all the TMA 11 (Parks and Open Spaces) properties and parcels resulting in the revision of trash generation rate from Medium (default) to Low in many, but not all, of the separate parcels and properties within this TMA. Baseline trash generation map has been changed accordingly.	TMA 11

A copy of the City of Alameda's revised baseline trash generation map (dated 4/25/2016) is attached.

C.10.e. ► Trash Reduction Offsets (Optional)

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 15-16. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 15-16	Offset (Jurisdiction-wide Reduction %)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	Additional City of Alameda led and sponsored shoreline cleanups this reporting period include: 1. On Saturday, August 22, 2015, volunteer cleanup at the Main Street shoreline parking/open space area (northern shoreline) in conjunction with Alameda Point Partners. Forty volunteer attendees removed 3.5 cubic yards of total debris from the shoreline and adjoining open space/parking area. 2. Martin Luther King Jr Day of Service (on Saturday January 16, 2016) volunteer cleanup at Trash Hot Spot Site 4 (southern shoreline) in conjunction with Alameda Point Partners. Seventy-five attendees removed 4.5 cubic yards of total debris from the shoreline. 3. Martin Luther King Jr Day of Service (on Saturday January 16, 2016) volunteer cleanup at the Main Street shoreline parking/open space area (northern shoreline) in conjunction with Alameda Point Partners. One hundred thirteen attendees (in addition to the attendees noted in the sister event noted above) removed 5.0 cubic yards of total debris from the shoreline and adjoining open space/parking area. 4. The City sponsored two additional days of an East Bay Civicorps crew cleanup at the Main Street shoreline parking/open space area (northern shoreline) on May 24-25, 2016. An additional 1.45 cubic yards of total debris was removed from the shoreline and adjoining open space/parking area. 5. The City sponsored one additional day of an East Bay Civicorps crew cleanup at on-land trash/litter accumulation spots at Alameda Point (TMA 10) on May 26, 2016. An additional 0.10 cubic yard of litter was removed by the crew during that work effort.	14.55 CY	7.1%
Direct Trash Discharge Controls (Max 15% Offset)	The City of Alameda did not implement a pre-approved direct discharge control program this reporting period.	-	-

The City of Alameda used the "% Reduction Calculator for Additional Receiving Water Cleanups – C.10.e" provided to the ACCWP Permittees by the ACCWP on 9/1/16 to perform this offset calculation, based on the formula provided in the annual reporting guidance.

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

TMA	2009 Baseline Trash Generation (revised 2016) (Acres)					Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems and Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture AND Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	0	0	0	8.7	8.7	2.24	0	0	6.46	8.7	1.46%	2.24	0	0	6.46	8.7	0.0%	1.46%
2	13.9	64.9	70.0	0	148.8	95.6	31.69	21.51	0	148.8	12.34%	108.9	23.77	16.13	0	148.8	1.60%	13.94%
3	2.4	17.1	32.7	0	52.2	16.01	11.34	24.85	0	52.2	2.02%	40.84	3.56	7.8	0	52.2	4.13%	6.15%
4	0	1.1	92.3	0	93.4	27.85	0.41	65.14	0	93.4	5.94%	34.35	0.41	58.64	0	93.4	1.41%	7.35%
5	0	0.6	47.7	0	48.3	10.64	0.6	37.06	0	48.3	2.31%	38.88	0.15	9.27	0	48.3	6.07%	8.38%
6	3.4	13	20.3	0	36.7	4.56	12.95	19.19	0	36.7	0.24%	12.77	9.63	14.3	0	36.7	1.25%	1.49%
7	1.5	265.9	0	0	267.4	44.39	223.01	0	0	267.4	2.33%	56.99	210.4	0	0	267.4	0.68%	3.01%
8	92.3	283.7	0	0	376.0	92.8	283.2	0	0	376	0.03%	114.6	261.4	0	0	376	1.18%	1.21%
9	-	-	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	522.7	6.1	0	0	528.8	522.7	6.1	0	0	528.8	0.0%	522.7	6.1	0	0	528.8	0.0%	0.0%
11	297.2	30.8	0	0	327.9	301.94	26.06	0	0	328.0	0.26%	301.94	26.06	0	0	328	0.0%	0.26%
12	3530.3	1	0	0	3531.3	3530.57	0.73	0	0	3531.3	0.01%	3530.57	0.73	0	0	3531.3	0.0%	0.01%
Totals	4463.7	684.2	263.0	8.7	5419.6	4649.3	596.09	167.75	6.46	5419.6	26.94%	4764.8	542.2	106.1	6.46	5419.6	16.32%	43.26%

TMA 9 was defined as the neighborhood school campuses. These properties are now being considered non-jurisdictional, so the TMA 9 areas are not being factored into the calculations this reporting period.

Section 11 - Provision C.11 Mercury Controls

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

Summary:

The City of Alameda implements and coordinates several programs to remove mercury-containing waste materials from the regular landfill waste stream. These programs are a residential fluorescent lamp collection program, a municipal operations fluorescent lamp collection program and a household battery recycling program. These materials are re-directed to more appropriate recycling and disposal programs in efforts to prevent improper and/or uncontained releases of mercury-containing wastes to the environment.

The cumulative mass and totals values of the City of Alameda's residential fluorescent lamp collection and household battery recycling programs for this fiscal year reporting period (July 2015 through June 2016) are:

- Household batteries collected: 9,812 lbs.
- 4' fluorescent tubes: 3,395 tubes
- Compact Fluorescent Lamps (CFLs): 3,423 bulbs

The cumulative mass totals of the City of Alameda's municipal operations fluorescent lamp collection program are as follows:

- 135 Pounds of HID lamps
- 85 Pounds of CFLs
- 652 Pounds of linear fluorescent tube lamps

In addition, a summary of the countywide Program and regional accomplishments for these Provision C.11 sub-provisions are included within the C.11 Mercury Controls section of Program's FY 15-16 Annual Report and/or BASMAA regional reports.

Section 12 - Provision C.12 PCBs Controls

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

Summary:

A summary of Permittee, Countywide Program and regional accomplishments for these Provision C.12 sub-provisions are included within the C.12 PCB Controls section of the Alameda Countywide Clean Water Program's FY 15-16 Annual Report and/or the BASMAA regional report.

Section 13 - Provision C.13 Copper Controls

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

(For FY 15-16 Annual Report only) Do you have adequate legal authority to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs?	X	**Yes**		**No**

(For FY 15-16 Annual Report only) Provide a summary of how copper architectural features are addressed through the issuance of building permits.

Summary:

City of Alameda staff continues to rely upon the BMP fact sheet "Requirements for Architectural Copper" 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.

The "Stormwater Requirements Checklist" that is required for completion by developers also indicates, in the Source Control Requirements section, regarding Architectural Copper, "Discharge rinse water to sanitary sewer, or collect and dispose properly offsite. See flyer 'Requirements for Architectural Copper.' "

A project-specific condition that was drafted this reporting period for a project site that may have, but ultimately did not, incorporate architectural copper features stated: "All new installations of copper architectural features shall be subject to written construction and post-construction management plans to prevent dissolved copper discharges to the off-site storm drainage system, consistent with Best Management Practices (BMPs) guidance from the Alameda Countywide Clean Water Program."

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

Summary:

There were no issues of noncompliance or enforcement actions taken this reporting period concerning the use and/or maintenance of architectural copper.

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

(For FY 15-16 Annual Report only) Do you have adequate legal authority to prohibit the discharge to storm drains of water containing copper-based chemicals from pools, spas, and fountains?	X	Yes		No

(For FY 15-16 Annual Report only) Provide a summary of how copper-containing discharges from pools, spas, and fountains are addressed to accomplish the prohibition of the discharge.

Summary:

City of Alameda staff developed and continues to distribute to the public a BMP fact sheet for the public entitled, "Regulatory Maintenance and Cleaning Guidelines, City of Alameda, For Pools, Spas/Hot Tubs and Fountains – Keeping Pool, Spa and Fountain Water out of San Francisco Bay". This BMP fact sheet, as the long title suggests, describes practices and guidelines to prevent both discharges of pool waters to the MS4 and impacts to runoff water quality from the use of copper-containing materials in pool maintenance activities. There were no issues of noncompliance or enforcement actions taken this reporting period concerning such copper-containing discharges. A copy of this Guidelines sheet is attached at the end of this Report.

(FY 15-16 Annual Report and each Annual Report thereafter) Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.

Summary:

This reporting period City staff did not encounter nor receive reports of any discharges to the MS4 with copper-containing discharges from pools, spas, or fountains. There was no specific enforcement activity related to such discharges this reporting period.

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

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

Summary:

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.

In addition, City inspector staff are familiar with and continue to reference and utilize the BASMAA pollutants-of-concern (POC) inspector training materials.

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

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

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

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

Summary:

The City of Alameda continues to take an active role in implementing and promoting-through-example water conservation programs. Under programs initially directed by the City Manager's Office, City departments continue to identify and seek ways to reduce water use both to make a significant positive contribution to water conservation and to perform good public agency role modeling. Consistent with Provision C.15 expectations, landscaping and irrigation efforts at the recently City-acquired and City-managed Alameda Point property are under close scrutiny by both City staff and the property management firm working for and with the City to prevent and respond to any runoff events due to over-irrigation.

The City-owned, but independently-operated, golf course complex continues to be a long-standing, flagship example of a recycled/reclaimed water use partnership project with EBMUD for golf course irrigation. And, the golf course operators continue to seek ways to improve irrigation efficiency. Golf complex renovations and re-grading projects continuing and active this reporting period have included the on-going re-grading and modernization of the southern course. The planned and under-construction improvements and modernizations of these facilities, including the improved efficiencies of the irrigation systems, are accomplishments that both the City and golf course operator are justifiably proud.

To promote the use of less-toxic pest management and the use of drought tolerant and native vegetation, the City participates in and supports relevant countywide Program outreach efforts, and continues to use countywide materials at the local implementation level. A summary of the Alameda Countywide Clean Water Program (Program)'s efforts to promote these inter-related concepts is included within the C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of the Program's FY 15-16 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.

In addition, please refer to the Alameda Countywide Clean Water Program's Section C.15 of the FY15-16 Annual Report for a summary of how the Countywide Program is also assisting Permittees with the implementation of this Provision.

FY 2015/16 ANNUAL REPORT ATTACHMENTS

TABLE OF CONTENT

City of Alameda
Stormwater Program
FY 2016/17 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
SAFEWAY INC. 3281	Grocer	M	2600		5th Street
Chipotle Mexican Grill#02384	Restaurant	M	2610	A	5th Street
Cream	Misc.Food Store	L	2630	A	5th Street
Ono Hawaiian BBQ	Restaurant	TBD	2630	B	5th Street
Panda Express Inc.	Restaurant	M	2630	D	5th Street
Habit Burger Grill	Restaurant	H	2640	A	5th Street
Yoghurtland	Restaurant/Snack Bar	L	2640	B	5th Street
Shiransoni	Restaurant	TBD	2660	A	5th Street
Sharetea	Restaurant	TBD	2670	C	5th Street
SPIN Neapolitan Pizza	Restaurant	L	2670	A	5th Street
Firehouse Subs	Restaurant - deli	TBD	2680	B	5th Street
Famous Dave's	Restaurant	TBD	2690	A	5th Street
Target Store T-2829	Retail	M	2700		5 th Street
Bobac Warehousing	Warehousing	H	300		A Avenue
Taqueria Romero	Restaurant	L	2321		Alameda Avenue
Grand Marina Warehouse Shops	Manufacturing - metal/wood small shops	L	2021		Alaska Packer Pl
The Boat Yard at Grand Marina	Boat Yard	H - NOI	2021		Alaska Packers Place
Starbuck's Coffee	Food - Retail	L	720		Atlantic Ave
Levy's Bagels	Food - Retail	M	730		Atlantic Ave
Aqua Metals	Manufacturing	TBD	1010	101	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
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
Concreteworks	Manufacturing	TBD	2421		Blanding Ave

City of Alameda
Stormwater Program
FY 2016/17 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
The Body Shoppe	Auto Repair - Auto Body	L	2435		Blanding Ave
Velodyne Acoustics	Marine Services	M	2517		Blanding Ave
Bridgeside Shopping Center Property Management (inspect together with businesses located at shopping center)	Property Management	M	2531-2671		Blanding Ave
Nob Hill Grocery	Grocer	L	2531		Blanding Ave
Korean BBQ Bowl	Restaurant	TBD	2601	B	Blanding Ave
Baskin Robbins	Food - dairy	L	2601	D	Blanding Ave
Round Table of Alameda	Restaurant	L	2651	H	Blanding Ave
Subway Sandwiches	Restaurant - deli	L	2651	A	Blanding Ave
Taco Bell	Resturant - Fast Food	L	2651	E	Blanding Ave
New Sushi King	Restaurant	L	2661	E	Blanding Ave
Ohana Hawaiian BBQ Inc.	Restaurant	L	2661	B	Blanding Ave
Wing Stop	Restaurant	L	2661	A	Blanding Ave
Starbucks Coffee	Food - coffee	L	2671	D	Blanding Ave
The Cheesesteak Shop	Restaurant	M	2671	C	Blanding Ave
Nob Hill Aisle 1	Auto Service	M	2681		Blanding Ave
Roadside Rotisserie Corp	Food - kitchen	H	1415		Broadway
Papa Murphy Pizza/Island City Café	Restuaurant	L	1929		Broadway
Alameda Auto Lab	Auto Repair	M	631		Buena Vista Ave
Dreams Autoworks	Auto Repair	M	633		Buena Vista Ave
Seven Eleven	Grocer	H	639		Buena Vista Ave
Fred's Wrenchhouse	Auto Repair	M	647		Buena Vista Ave
India Palace	Restaurant	H	737		Buena Vista Ave
Damco Int'l	Warehousing	M	1501		Buena Vista Ave
Transmeridian Logistics Services	Warehousing	M	1501		Buena Vista Ave
Tea Delight	Food - dairy	TBD	650	G	Central Ave
Bonfare Market (#25)	Grocer	L	650	H	Central Ave
Lee's Donuts	Retail food - bakery	L	660	B	Central Ave
Pho & Baguette	Restaurant	L	660	C	Central Ave
Mountain Mike's Pizza	Restaurant	M	714		Central Ave
McDonald's	Restaurant - fast food	M	715		Central Ave
Spritzers	Retail Food - coffee	L	734		Central Ave
School Foodies (Upton's Inc.)	Catering	M	845		Central Ave
Valero Service Station	Auto Service/Reapir	M	1310		Central Ave
Dan's Fresh Produce	Grocer	L	2300		Central Ave
Alameda Cinema Grill (inspect with Theater and Burger Meister; shares waste containers w/ Theater and waste storage area w BurgerM)	Restaurant	M	2301		Central Ave
Q's Halala Chicken	Restaurant	M	2306		Central Ave
Alameda Wine Company	Food	L	2315		Central Ave

City of Alameda
Stormwater Program
FY 2016/17 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Alameda Theater and Cineplex (inspect with Cinema Grill and Burger Meister; shares waste containers w/ Grill and waste storage area w BurgerMeister)	Retail Food	H	2317		Central Ave
TROY (inspect together with Pappo, Spice I am, Peet's Coffe, and PS Eatery - they all share waste storage alley).	Restaurant	H	2318	A	Central Ave
Burger Meister (inspect with Cinema Grill and Theater; shares waste storage area)	Restaurant	H	2319		Central Ave
Pappo's(inspect together with Troy, Spice I am, Peet's Coffe, and PS Eatery - they all share waste storage alley).	Restaurant	H	2320		Central Ave
Viva Mexico	Restaurant	M	2327		Central Ave
Tuttimelon	Retail Food	L	2402		Central Ave
Chestnut Market	Grocer	L	1202		Chestnut St
Roosters Roadhouse	Restaurant	L	1700		Clement Ave
CB Roofing	Contractor - Yard	M	1814		Clement Ave
Svendsen's Boatworks	Boat Yard - NOI	M-NOI	1851		Clement Ave
JD Harpe (Furniture Finishing)	Woodworking	L	1910		Clement Ave
Golden Gate Sheet Metal	Metal Fabrication	L	2006		Clement Ave
Svendsen's Metalworks	Metal Fabrication	M	2039		Clement Ave
Fasco Fasteners	Warehouse	L	2041		Clement Ave
Alameda Classic Auto Body	Auto Body Repair	M	2050		Clement Ave
Williams Welding	Welding Shop/Yard	L	2056		Clement Ave
AMP Jenney Substation	Municipal - Utility Yard	M	2179		Clement Ave
Dutra Construction	Contractor Yard	M - NOI	2199		Clement Ave
Extra Space Storage	Storage	L	2201		Clement Ave
Event Productions Inc	Warehousing	TBD	2250		Clement Ave
Alameda Collision Repair #3	Auto Body Repair	M	2307		Clement Ave
CJ's	Manufacturing - metal	L	2318		Clement Ave
Foss Upholstery	Auto Repair - Upholstery	L	2318		Clement Ave
Emmanuel's Mufflers	Auto Repair	L	2413		Clement Ave
Carroll Construction	Contractor - Yard	M	2517		Clement Ave
Alameda Hospital	Food - Institutional	M	2070		Clinton
Golf Course Maintenance Yard	Municipal	H	1		Clubhouse Memorial Dr
Jim's On the Course	Restaurant	M	1		Clubhouse Memorial Dr
Alameda Auto Care Center	Auto Repair	H	2405		Eagle Ave
Alameda Auto Upholstery	Auto Repair	L	2406		Eagle Ave
Little Joe Express	Restaurant	L	1410		Encinal Ave
Jay's 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 & Coffeehouse	Restaurant	L	1910		Encinal Ave
Encinal Nursery	Nursery	L	2057		Encinal Ave
Kobe-Ya	Restaurant	H	2300		Encinal Ave

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Café Q	Restaurant	M	2302		Encinal Ave
Sidestreet Pho	Restaurant	M	2304		Encinal Ave
Hang Ten Boiler	Restaurant	M	2306	A	Encinal Ave
TAPIOCA EXPRESS	Restaurant	M	2306	B	Encinal Ave
Kentucky Friend Chicken	Restaurant - fast food	M	2424		Encinal Ave
Alameda Cellars Wine & Liquior	Grocer	L	2425		Encinal Ave
Herbs and Spices Catering	Food - Catering	L	2711		Encinal Ave
Bluefin Sushi Thai	Restaurant	M	3211	A	Encinal Ave
Encinal Market (inc Joe Scalesi Meat)	Grocer	M	3211		Encinal Ave
Au Lait	Restaurant	L	3215	D	Encinal Ave
Feel Good Bakery	Food - Retail bakery	TBD	3215	A	Encinal Ave
Follow Charlie Car Wash	Auto Wash	M	1700		Everett St
Alameda Auto Body	Auto Body Repair	M	1814		Everett St
Ted & Joe's Towing	Auto Tow	M	1901		Everett St
Emo's Automotive	Auto Repair	L	1912		Everett St
Alameda Collision Repair #2	Auto Body/Paint	M	1925		Everett St
Marina Garden Nursing Center	Food - Institutional	L	3201		Fernside Boulevard
Bay Ship & Yacht Co	Contractor Yard	M	1450		Ferry Point
Matson Navigation Co.	Marine Services	TBD	1500		Ferry Point
NRC Environmental Facility #2	Contractor Yard	M	1610		Ferry Point
Navigator Systems	Woodworking / Industrial Arts	M	1800		Ferry Point
Friends of the Alameda Animal Shelter	Municipal - Animal Shelter	M	1590		Fortmann Way
City of Alameda PW Maintenance Service Center	Municipal - Corp Yard	H	1616		Fortmann Way
AMP Service Center	Municipal	H	2000		Grand St
Pennzoil	Warehousing	M-NOI	2015		Grand St
City of Alameda Fleet Services Center	Municipal	H	2040		Grand St
Mosley's Café	Restaurant	L	2099		Grand St
Wall Street Café	Restaurant	L	1411		Harbor Bay Pkwy
Peet's Coffee & Tea	Manufacturing	M	2001		Harbor Bay Pkwy
Black Pug Café and Roastery	Retail Food - coffee	L	1303		High St
High Street 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
Grandview Pavilion	Restaurant	TBD	300		Island Dr
Water's Edge Lodge	Food - Institutional	M	801		Island Dr
Safeway	Grocer	M	867		Island Dr
Subway Sandwiches	Restaurant	L	871	C	Island Dr
Angelfish	Restaurant	L	883	C	Island Dr
Coffee & Tea Traders	Retail Food - coffee	L	883	B2	Island Dr
China Villa Restaurant	Restaurant	M	891	A	Island Dr
La Penca Azul	Restaurant	M	891	B	Island Dr

City of Alameda
Stormwater Program
FY 2016/17 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
La Val's Pizza	Restaurant	L	891	E	Island Dr
Reliable Marine Electronics	Marine Services - repair	L	1925		Lafayette Ave
Golden Seven	Grocer	M	500		Lincoln Ave
Dragon Village	Restaurant	M	642		Lincoln Ave
Ralph's Market	Grocer	L	801		Lincoln Ave
EZ Liquors #2	Grocer	L	901		Lincoln Ave
El Caballo Wraps	Restaurant	L	1108		Lincoln Ave
Sumiko Deli/Café	Restaurant - Deli	L	1118		Lincoln Ave
Royal Auto Repair	Auto Repair	M	1127		Lincoln Ave
Market Spot Meat & Deli	Grocer	L	1200		Lincoln Ave
Dominos Pizza	Restaurant	L	1215		Lincoln Ave
Sampaguita Fil-Am Cuisine	Restaurant	L	1216		Lincoln Ave
New Rich's Market	Grocer	L	1543		Lincoln Ave
Grand Market	Grocer	L	1702		Lincoln Ave
Alameda Grocery	Grocer	L	2001		Lincoln Ave
Lincoln Market	Grocer	L	2070		Lincoln Ave
Acapulco	Restaurant	M	2100		Lincoln Ave
New Bamboo Kitchen	Restaurant	L	2105		Lincoln Ave
Alameda Auto Center	Auto Repair - smog only	M	2267		Lincoln Ave
Seven Eleven	Grocer	L	2301		Lincoln Ave
Gim's Chinese Kitchen	Restaurant	M	2322		Lincoln Ave
Jim's Coffee Shop	Restaurant	H	2333		Lincoln Ave
Cardel Catering (inpsect with Speisekammer; facility stores waste containers in Speisekammer's parking lot and shares used oil container at Speisekammer)	Caterer	M	2404		Lincoln Ave
Speisekammer	Restaurant	H	2424		Lincoln Ave
Oil Changers	Auto Repair	M	2425		Lincoln Ave
Cliff's Auto/Bill Bott's	Auto Repair/Services	M	2429		Lincoln Ave
Hometown Donuts	Retail food - bakery	L	1930	#1	Main St
Monkey Thai	Restaurant	L	1930	#3	Main St
Ploughshares Nursery	Nursery	M	2701		Main St
Bay Ship & Yacht Co	Boat Yard - NOI	M	2900		Main St
Marine Express	Boat - Marine Services	M	2900		Main St
Maitland Market and Deli	Grocer	L	105-109		Maitland Dr
Yo Sushi	Restaurant	H	807		Marina Village Pkwy
Lucky's Super Market	Grocer	H	815		Marina Village Pkwy
Mint Leaf Restaurant	Restaurant	M	831		Marina Village Pkwy
Xing Yuan Chinese Restaurant	Restaurant	M	839		Marina Village Pkwy
Subway Sandwiches	Restaurant - deli	L	843		Marina Village Pkwy
L&L Hawaiian BBQ	Restaurant	M	845		Marina Village Pkwy
Marina Village Shopping Center	Retail Shopping Center	H	845		Marina Village Pkwy
360 Goumet Burritos	Restaurant	M	853		Marina Village Pkwy

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Certified Tire and Service Centers	Auto Repair	M	861		Marina Village Pkwy
Carls Jr	Restaurant - fast food	M	871		Marina Village Pkwy
Straw Hat Pizza	Restaurant	L	901		Marina Village Pkwy
Waterfront Deli	Restaurant - Deli	L	1070	#105	Marina Village Pkwy
AC3	Contractor - Yard	L	2394		Mariner Sq Dr
Barnhill Marina and Storage	Boat - Marine Services	L	2394		Mariner Sq Dr
Mariner Square Dry Stack	Boat - Marine Services	L	2415		Mariner Sq. Dr
Pasta Pelican	Restaurant	M	2455		Mariner Sq. Dr.
Harbor Bay 76 Station	Auto Service/Repair	M	3255		MeCartney Rd
Engine Works	Auto Repair	M	1923		Minturn
DCPLLC	Metalworking	M	1701		Monarch St
Complete Coach Works	Auto Body/Paint	M	2301		MONARCH ST
Rockwall Wine Company	Manufacturing - winery	H	2301	300	Monarch St
Wonky Kitchen	Food - commissary	TBD	2400		MONARCH ST
Building 43 Winery	Manufacturing - winery	M	2440		Monarch St
Watertight Restoration	Boat - Building and Repair	M	2440		Monarch St
Pacific Fine Foods	Food-catering	L	2480		MONARCH ST
Faction Brewing Co LLC	Manufacturing - Beer	M	2501	200	Monarch St
Proximo Spirits/St George	Manufacturing	M	2601		Monarch St
ABB Optical Group	Manufacturing/Warehousing	M	1750	100-15	North Loop Road
Why Cook?	Restaurant	L	1750	125	North Loop Road
Pacific Rim Produce	Warehousing	M	1950		North Loop Road
Semifreddi's	Manufacturing/Bakery	M	1980		North Loop Road
Donsuemor, Inc	Manufacturing/Bakery	L	2080		North Loop Road
World's Best Cheeses Inc	Food Retail	L	2200		North Loop Road
Big Discount Tire Pros	Auto Services	TBD	1835		Oak Street
SKS Die Casting	Manufacturing - metal	M-NOI	1849		Oak St
NRC Environmental Facility #1	Contractor - Yard	M	1750		Orion St
Sustainable Technologies	Contractor - Yard	M	1800		Orion St
Burger King	Restaurant - fast food	M	2200		Otis Dr
Safeway Fueling Station	Auto Service	M	2234		Otis Dr
S&K Auto	Auto Repair	M	650		Pacific Ave
Clubhouse Bar & Grill (@Harbor Bay Club)	Restaurant	L	200		Packet Landing Road
Big Discount Tire Pros	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	Retail Food - coffee	L	1223		Park St
Alameda Bagel and Donuts	Food - bakery	L	1227		Park St
Fire Den Bar & Grill	Restaurant	M	1231		Park St
Doggy-Style Hot Dogs	Restaurant	L	1234		Park St

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Mama Papa Lithuania Restaurant and Bakery	Restaurant	TBD	1241		Park St
Dimitra's Sandwiches	Restaurant - deli	L	1251		Park St
Jack-in-the-Box	Restaurant - fast food	H	1257		Park St
Arco AM/PM	Auto Service/Repair	H	1260		Park St
Scolaris Good Eats	Restaurant	L	1303		Park St
Injera Restaurant	Restaurant	M	1305		Park St
The Hob Nob	Restaurant	L	1313		Park St
Monkey King Pub & Grill	Restaurant	L	1315		Park St
Angkor Grill Cambodian Bistro	Restaurant	M	1319		Park St
Bambu Desserts and Drinks	Retail Food	L	1321		Park St
Juanita's Restaurant	Restaurant	H	1324		Park St
Bowzer's Pizza	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
Blue Danube Coffeehouse	Retail Food - coffee	L	1333		Park St
Yogofina Frozen Yogurt	Retail Food	L	1335		Park St
Tomatina	Restaurant	L	1338		Park St
Teazzert	Retail Food	L	1342		Park St
Burma Superstar	Restaurant	M	1345		Park St
Tuckers Ice Cream	Retail Food	L	1349		Park St
Spice I Am	Restaurant	H	1353		Park St
House of Bagels	Restaurant	L	1362		Park St
Home Skillet	Restaurant	TBD	1363		Park St
Starbuck's Coffee	Food - coffee	L	1364		Park St
Peet's Coffee & Tea	Retail Food - coffee	H	1365		Park St
Pampered Pup	Restaurant	L	1401		Park St
Ark North Chinese	Restaurant	M	1405		Park St
Subway Sandwiches	Restaurant	L	1407		Park St
Lola's Chicken Shack	Restaurant	M	1417		Park St
Hong Kong City	Restaurant	L	1425		Park St
Yume Sushi	Restaurant	L	1428		Park St
T4	Retail Food	M	1431	A	Park St
Toomies Thai Cuisine	Restaurant	H	1433		Park St
Pho Sinh Restaurant	Restaurant	M	1434		Park St
La Penca Azul	Restaurant	H	1440		Park St
Wine & Waffles	Restaurant	L	1505		Park St
Linguini's (inspect with Habana Cuban Cuisine)	Restaurant	M	1506		Park St

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Ole's Waffle Shop	Restaurant	M	1507		Park St
Island Taqueria	Restaurant	L	1513		Park St
Habana Cuban Cuisine (inspect with Linguini's)	Restaurant	M	1518		Park St
Alameda Grill	Restaurant	M	1520		Park St
Vietnam House	Restaurant	H	1527		Park St
New York Pizza	Restaurant	L	1528		Park St
Genghis Khan Restaurant	Restaurant	L	1540		Park St
Union 76	Auto Service/Repair	M	1541		Park St
Central Vegetarian	Restaurant	L	1613		Park St
Smash Burger	Restaurant	L	1620		Park St
Boyd's BBQ (was Thai Noodle House)	Restaurant	TBD	1635		Park St
Car Care Service	Auto Repair	L	1639		Park St
Taste at McGee's	Restaurant	L	1645		Park St
The Marketplace	Grocer	M	1650		Park St
Crispian Bakery	Food - bakery	L	1700	120	Park St
Chevron on Webster	Auto Service	M	1701		Park St
Alameda Island Brewing Company	Retail Food - brewery	L	1716		Park St
German Auto Service	Auto Repair	L	1719		Park St
Alameda Valero	Auto Service	M	1725		Park St
Speedy Smog	Auto Repair - smog only	M	1726		Park St
Tony's Motor Service	Auto Repair	M	1800		Park St
Diamond Auto Sales	Auto Sales	M	1801		Park St
Tint-N-Sound	Auto Services	M	1812		Park St
Scooter Importers	Vehicle Sales	M	1825		Park St
Gold Coast	Restaurant	M	1901		Park St
Ventura Auto Service	Auto Repair	M	1907-09		Park St
Alameda Collision Repair	Auto Body Repair	M	1911		Park St
Alameda Transmission Service	Auto Repair	L	1919		Park St
Island Auto Sales	Auto Sales	M	1927		Park St
AMP Runway Pole Yard	Municipal - Utility Yard	L	1111		Perimeter Way
College of Alameda Auto Shop	Auto Repair	M	555		Ralph Appezzato Memorial Pkwy
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	Restaurant	L	2319		Santa Clara Ave
Hot Spot Restaurant	Restaurant	M	2321		Santa Clara Ave

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
China House	Restaurant	M	2328		Santa Clara Ave
Café Fudgelato	Food - café	L	2353		Santa Clara Ave
Sakura Café & Sushi	Restaurant	M	2408		Santa Clara Ave
Jerry's Tire & Auto	Auto Repair	M	2501		Santa Clara Ave
Asena	Restaurant	L	2508		Santa Clara Ave
Mei Mei Inc.	Restaurant	L	2522		Santa Clara Ave
Everest Market	Grocer	L	2536		Santa Clara Ave
Kamakura Restaurant	Restaurant	L	2549		Santa Clara Ave
McDonald's	Restaurant - fast food	M	2239		Shoreline Dr
South Shore Carwash	Auto Wash	H	2351		Shoreline Dr
Sushi House	Restaurant	M	2375		Shoreline Dr
Frito Lay	Warehousing	M-NOI	1460		South Loop Rd
Abbott Diabetes Care	Manufacturing	M- NOI	1360-1380		South Loop Rd
South Shore Café	Restaurant	M	531	W	South Shore Center
South Shore Liquor	Grocer	L	549		South Shore Center
Bowl'd BBQ	Restaurant	TBD	2201	D	South Shore Center
China Gourmet	Restaurant	L	2210	H	South Shore Center
Starbuck's Coffee	Food - coffee	L	2210	J	South Shore Center
Subway	Restaurant - deli	L	2212		South Shore Center
Bagel Street Café	Restaurant - deli	L	2212	F	South Shore Center
Trabocco Kitchen	Restaurant	L	2213		South Shore Center
Trader Joe's	Grocer	M	2217		South Shore Center
Safeway	Grocer	M	2227		South Shore Center
See's Candies	Retail Food	L	2228	B	South Shore Center
Panera Bread	Restaurant	L	2249		South Shore Center
Five Guys Burgers	Restaurant	M	2254		South Shore Center
Applebee's	Restaurant	L	2263		South Shore Center
Loard's Ice Cream	Retail Food - dairy	L	2265		South Shore Center
Jamba Juice	Retail Food	L	2306		South Shore Center
Mod Pizza	Restaurant	TBD	2308		South Shore Center
Petco	Retail - pet	M	2310		South Shore Center
Chipotle Mexican Grill	Restaurant	L	2314		South Shore Center
Fink's Automotive	Auto Repair	L	2326		Times Way
Delta Sandblasting	Contractor - Yard	H	1501		Viking St
Power Engineering	Contractor - Yard	M	1501		Viking St
Alameda Municipal Power - Viking St Pole Yard	Municipal - yard	M	1890		Viking St
Sandwich Board	Retail Food	L	2412		Webb Ave
1400 Bar & Grill	Restaurant	M	1400		Webster St
UP 2U THAI EATERY	Restaurant	L	1405		Webster St
Domenico's Deli	Restaurant - deli	L	1407		Webster St
Yokohama	Restaurant	M	1427		Webster St
Santos Liquor	Grocer	L	1431		Webster St

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Nation's Burgers	Restaurant	H	1432		Webster St
Calafia Taqueria	Restaurant	M	1445		Webster St
Katsu Sushi	Restaurant	L	1465		Webster St
Café Jolie	Restaurant	L	1500		Webster St
Kapok Seafood Restaurant	Restaurant	H	1511		Webster St
Fiesta	Restaurant	M	1514		Webster St
Wescafe2	Restaurant	M	1518		Webster St
Aljazeera Market Island Market	Grocer	L	1525		Webster St
Tu Tai 2	Restaurant	L	1531		Webster St
West End Crepes	Restaurant	L	1536		Webster St
O'Connell Volvo	Auto Repair	L	1537		Webster St
Alameda Pizza	Restaurant	L	1538		Webster St
Fortune Cookie	Restaurant	L	1540		Webster St
Albert's Café	Restaurant	L	1541		Webster St
CHICHA Tapas & Bistro Bar	Restaurant	L	1544		Webster St
Aria Supermarket	Grocer	L	1552		Webster St
Shell of Alameda	Auto Service / Repair	M	1601		Webster St
CookieBar	Retail Food	L	1606		Webster St
Star Donut	Retail Food	L	1608		Webster St
Otaez Mexican Restaurant	Restaurant	L	1619		Webster St
Subway Sandwiches (inspect w/ Wienerschnitzel, shared facility)	Restaurant - deli	M	1700		Webster St
Wienerschnitzel (shared facility inspect w/ Subway)	Restaurant - fast food	M	1708		Webster St
East Ocean Restaurant	Restaurant	L	1713		Webster St
Union 76	Auto Service	H	1716		Webster St
Kitchen of Alameda	Restaurant	M	1727		Webster St
Better Buy Liquor	Grocer	L	1801		Webster St
Chevron on Webster	Auto Service	M	1802		Webster St
Chef's Wok	Restaurant	M	1821		Webster St
Alameda Oakland Tire	Auto Repair	M	1825		Webster St
Jack-in-the-Box Webster	Restaurant - fast food	H	1826		Webster St
Taco Bell	Restaurant - fast food	M	1900		Webster St
Peet's Coffee & Tea	Retail Food - coffee	TBD	1901		Webster St
Bucket O' Crawfish	Restaurant	M	1919		Webster St
Alameda Municipal Power - Cartwright Substation	Municipal	M	90		West Atlantic
Alameda Import Automotive	Auto Repair	M	50		West Hornet
CSI Mini Storage	Storage	M	51		West Hornet
Hangar 40 (at Bladium)	Restaurant - grill	L	800	Bld 40	West Tower
GroupDelphi Productions	Manufacturing	L	950		West Tower

City of Alameda
Stormwater Program
FY 2016/17 Business Inspection Plan

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Crown Bay Convalescent	Food - Institutional	M	508		Westline Drive
Safeway Fueling Station	Auto Service	H	501		WILLIE STARGELL AVE
In-N-Out Burgers	Restaurant - fast food	M	555		WILLIE STARGELL AVE
Alameda Health Care & Wellness Center	Food - Institutional	M	430		Willow St
Bayview Rehab Center	Food - Institutional	M	516		Willow St
Alameda Hospital South Shore Skilled Nursing Cer	Food - Institutional	M	625		Willow St

City of Alameda
Stormwater Program
FY 2016/17 Business Inspection List

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Ono Hawaiian BBQ	Restaurant	TBD	2630	B	5th Street
Habit Burger Grill	Restaurant	H	2640	A	5th Street
Shiransoni	Restaurant	TBD	2660	A	5th Street
Sharetea	Restaurant	TBD	2670	C	5th Street
Firehouse Subs	Restaurant - deli	TBD	2680	B	5th Street
Famous Dave's	Restaurant	TBD	2690	A	5th Street
Bobac Warehousing	Warehousing	H	300		A Avenue
The Boat Yard at Grand Marina	Boat Yard	H - NOI	2021		Alaska Packers Place
Starbuck's Coffee	Food - Retail	L	720		Atlantic Ave
Levy's Bagels	Food - Retail	M	730		Atlantic Ave
Aqua Metals	Manufacturing	TBD	1010	101	Atlantic Ave
Abigail Café & Deli	Restaurant - Deli	M	1132		Ballena Blvd
Enterprise Rent-A-Car	Auto Rental	M	2307	A	Blanding Ave
Dragon Rouge	Restaurant	H	2337		Blanding Ave
Concreteworks	Manufacturing	TBD	2421		Blanding Ave
Velodyne Acoustics	Marine Services	M	2517		Blanding Ave
Bridgeside Shopping Center Property Management (inspect together with business (-es) located at shopping center)	Property Management	M	2531-2671		Blanding Ave
Korean BBQ Bowl	Restaurant	TBD	2601	B	Blanding Ave
Roadside Rotisserie Corp	Food - kitchen	H	1415		Broadway
Seven Eleven	Grocer	H	639		Buena Vista Ave
India Palace	Restaurant	H	737		Buena Vista Ave
Tea Delight	Food - dairy	TBD	650	G	Central Ave
Mountain Mike's Pizza	Restaurant	M	714		Central Ave
Alameda Theater and Cineplex (inspect with Cinema Grill and Burger Meister; shares waste containers w/ Grill and waste storage area w BurgerMeister)	Retail Food	H	2317		Central Ave
TROY (inspect together with Pappo, Spice I am, Peet's Coffe, and PS Eatery - they all share waste storage alley).	Restaurant	H	2318	A	Central Ave
Burger Meister (inspect with Cinema Grill and Theater; shares waste storage area)	Restaurant	H	2319		Central Ave
Pappo's(inspect together with Troy, Spice I am, Peet's Coffe, and PS Eatery - they all share waste storage alley).	Restaurant	H	2320		Central Ave
Viva Mexico	Restaurant	M	2327		Central Ave
Golden Gate Sheet Metal	Metal Fabrication	L	2006		Clement Ave

City of Alameda
Stormwater Program
FY 2016/17 Business Inspection List

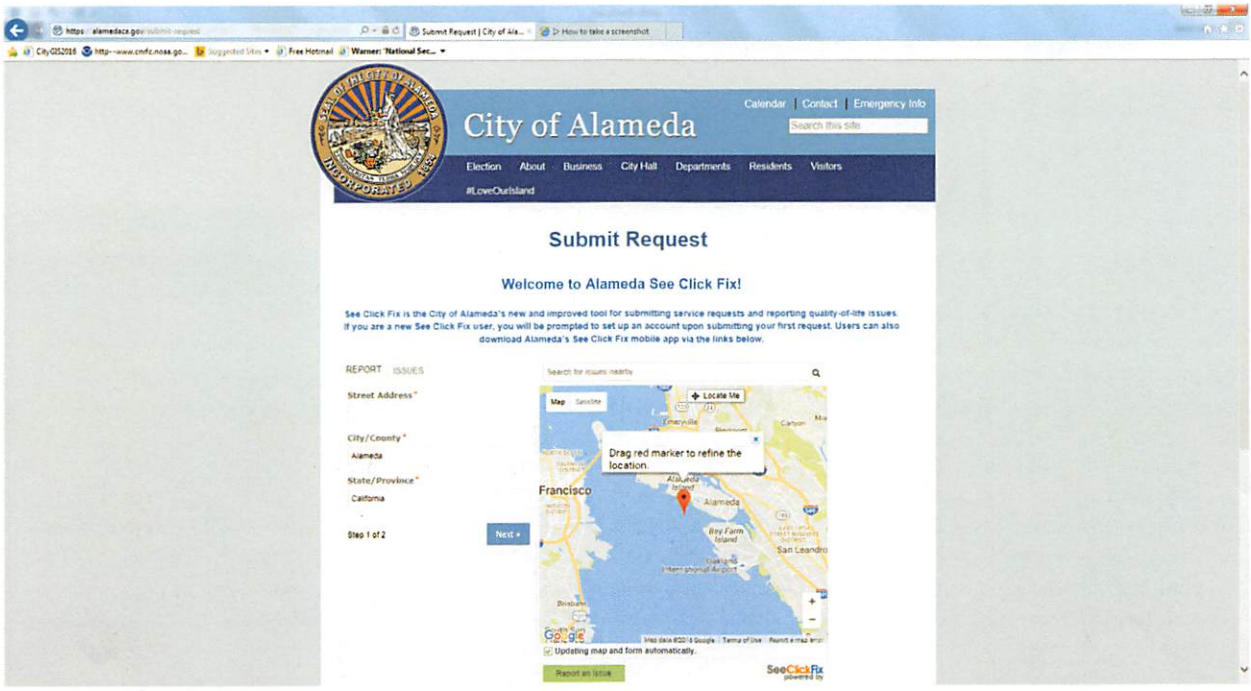
BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Svendsen's Metalworks	Metal Fabrication	M	2039		Clement Ave
AMP Jenney Substation	Municipal - Utility Yard	M	2179		Clement Ave
Dutra Construction	Contractor Yard	M - NOI	2199		Clement Ave
Event Productions Inc	Warehousing	TBD	2250		Clement Ave
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
Kobe-Ya	Restaurant	H	2300		Encinal Ave
Au Lait	Restaurant	L	3215	D	Encinal Ave
Feel Good Bakery	Food - Retail bakery	TBD	3215	A	Encinal Ave
Marina Garden Nursing Center	Food - Institutional	L	3201		Fernside Boulevard
Matson Navigation Co.	Marine Services	TBD	1500		Ferry Point
City of Alameda PW Maintenance Service Center	Municipal - Corp Yard	H	1616		Fortmann Way
AMP Service Center	Municipal	H	2000		Grand St
City of Alameda Fleet Services Center	Municipal	H	2040		Grand St
Alameda Municipal Power - East Transition facility	Municipal	L	2020		High St
Grandview Pavilion	Restaurant	TBD	300		Island Dr
Water's Edge Lodge	Food - Institutional	M	801		Island Dr
Safeway	Grocer	M	867		Island Dr
Subway Sandwiches	Restaurant	L	871	C	Island Dr
Angelfish	Restaurant	L	883	C	Island Dr
Coffee & Tea Traders	Retail Food - coffee	L	883	B2	Island Dr
La Val's Pizza	Restaurant	L	891	E	Island Dr
Golden Seven	Grocer	M	500		Lincoln Ave
Market Spot Meat & Deli	Grocer	L	1200		Lincoln Ave
Dominos Pizza	Restaurant	L	1215		Lincoln Ave
Sampaguita Fil-Am Cuisine	Restaurant	L	1216		Lincoln Ave
Grand Market	Grocer	L	1702		Lincoln Ave
Seven Eleven	Grocer	L	2301		Lincoln Ave
Jim's Coffee Shop	Restaurant	H	2333		Lincoln Ave
Cardel Catering	Caterer	M	2404		Lincoln Ave
Speisekammer	Restaurant	H	2424		Lincoln Ave
Hometown Donuts	Retail food - bakery	L	1930	#1	Main St
Yo Sushi	Restaurant	H	807		Marina Village Pkwy
Lucky's Super Market	Grocer	H	815		Marina Village Pkwy
Marina Village Shopping Center	Retail Shopping Center	H	845		Marina Village Pkwy
Straw Hat Pizza	Restaurant	L	901		Marina Village Pkwy
Waterfront Deli	Restaurant - Deli	L	1070	#105	Marina Village Pkwy
AC3	Contractor - Yard	L	2394		Mariner Sq Dr
Barnhill Marina and Storage	Boat - Marine Services	L	2394		Mariner Sq Dr

City of Alameda
Stormwater Program
FY 2016/17 Business Inspection List

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
DCPLLC	Metalworking	M	1701		Monarch St
Rockwall Wine Company	Manufacturing - winery	H	2301	300	Monarch St
Wonky Kitchen	Food - commissary	TBD	2400		Monarch St
Pacific Fine Foods	Food-catering	L	2480		Monarch St
Faction Brewing Co LLC	Manufacturing - Beer	M	2501	200	Monarch St
Big Discount Tire Pros	Auto Services	TBD	1835		Oak Street
Big Discount Tire Pros	Auto Repair	M	1200		Park St
Fire Den Bar & Grill	Restaurant	M	1231		Park St
Doggy-Style Hot Dogs	Restaurant	L	1234		Park St
Mama Papa Lithuania Restaurant and Bakery	Restaurant	TBD	1241		Park St
Jack-in-the-Box	Restaurant - fast food	H	1257		Park St
Arco AM/PM	Auto Service/Repair	H	1260		Park St
Juanita's Restaurant	Restaurant	H	1324		Park St
Blue Danube Coffeehouse	Retail Food - coffee	L	1333		Park St
Burma Superstar	Restaurant	M	1345		Park ST
Spice I Am	Restaurant	H	1353		Park St
Home Skillet	Restaurant	TBD	1363		Park St
Peet's Coffee & Tea	Retail Food - coffee	H	1365		Park St
Ark North Chinese	Restaurant	M	1405		Park St
Yume Sushi	Restaurant	L	1428		Park St
Toomies Thai Cuisine	Restaurant	H	1433		Park St
La Penca Azul	Restaurant	H	1440		Park St
Linguini's (inspect with Habana Cuban Cuisine)	Restaurant	M	1506		Park St
Habana Cuban Cuisine (inspect with Linguini's)	Restaurant	M	1518		Park St
Alameda Grill	Restaurant	M	1520		Park St
Vietnam House	Restaurant	H	1527		Park St
Boyd's BBQ (was Thai Noodle House)	Restaurant	TBD	1635		Park Street
The Marketplace	Grocer	M	1650		Park St
Diamond Auto Sales	Auto Sales	M	1801		Park St
Gold Coast	Restaurant	M	1901		Park St
Ventura Auto Service	Auto Repair	M	1907-09		Park Street
Island Auto Sales	Auto Sales	M	1927		Park St
Jerry's Tire & Auto	Auto Repair	M	2501		Santa Clara Ave
South Shore Carwash	Auto Wash	H	2351		Shoreline Dr
Bowl'd BBQ	Restaurant	TBD	2201	D	South Shore Center
Subway	Restaurant - deli	L	2212		South Shore Center
Trader Joe's	Grocer	M	2217		South Shore Center

City of Alameda
Stormwater Program
FY 2016/17 Business Inspection List

BUSINESS NAME	BUSINESS TYPE	PRIORITY (H, M OR L)	Street Number	Suite	STREET
Five Guys Burgers	Restaurant	M	2254		South Shore Center
Mod Pizza	Restaurant	TBD	2308		South Shore Center
Delta Sandblasting	Contractor - Yard	H	1501		Viking St
Alameda Municipal Power - Viking St Pole Yard	Municipal - yard	M	1890		Viking St
Sandwich Board	Retail Food	L	2412		Webb Ave
1400 Bar & Grill	Restaurant	M	1400		Webster St
Domenico's Deli	Restaurant - deli	L	1407		Webster St
Yokohama	Restaurant	M	1427		Webster St
Nation's Burgers	Restaurant	H	1432		Webster St
Kapok Seafood Restaurant	Restaurant	H	1511		Webster St
Fiesta	Restaurant	M	1514		Webster St
Otaez Mexican Restaurant	Restaurant	L	1619		Webster St
Union 76	Auto Service	H	1716		Webster St
Jack-in-the-Box Webster	Restaurant - fast food	H	1826		Webster St
Peet's Coffee & Tea	Retail Food - coffee	TBD	1901		Webster St
Alameda Municipal Power - Cartwright Substation	Municipal	M	90		West Atlantic
Alameda Import Automotive	Auto Repair	M	50		West Hornet
CSI Mini Storage	Storage	M	51		West Hornet
Hangar 40 (at Bladium)	Restaurant - grill	L	800	Bld 40	West Tower
Crown Bay Convalescent	Food - Institutional	M	508		Westline Drive
Safeway Fueling Station	Auto Service	H	501		Willie Stargell Ave
Alameda Health Care & Wellness Center	Food - Institutional	M	430		Willow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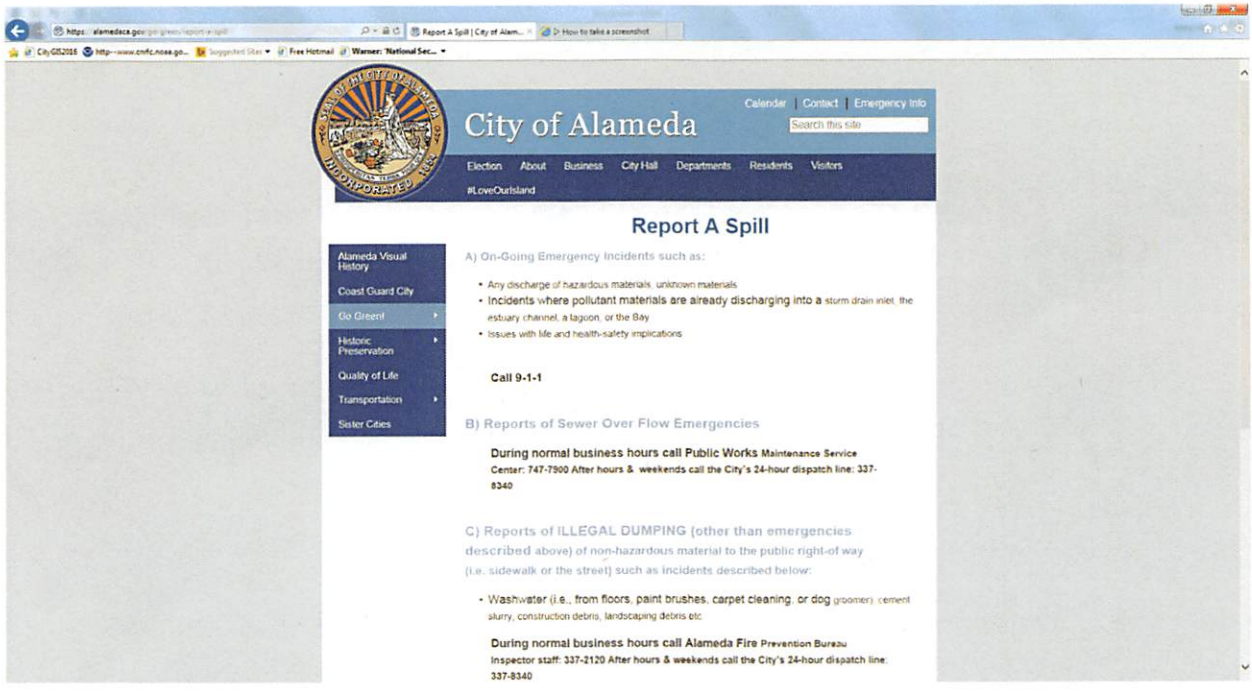
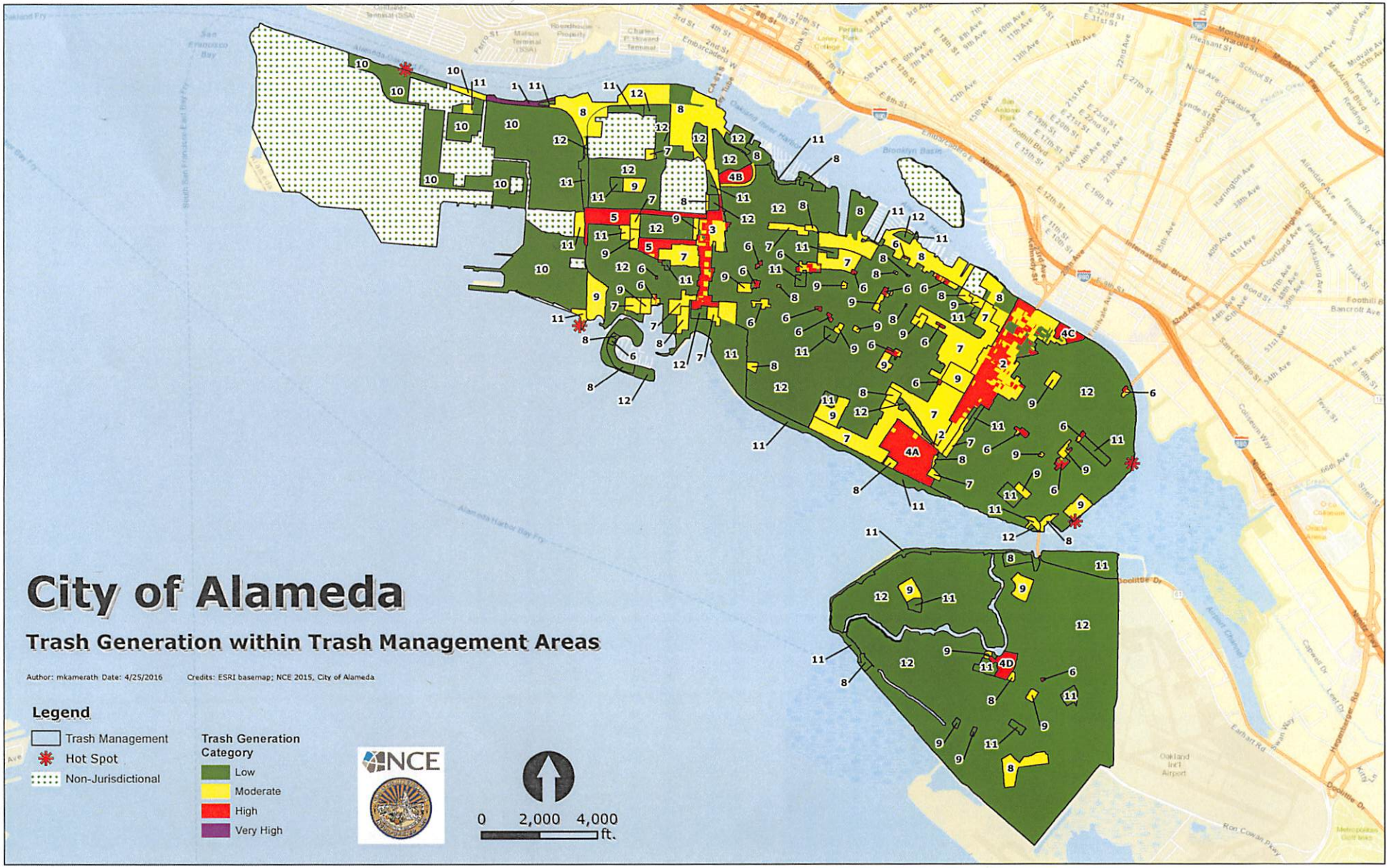
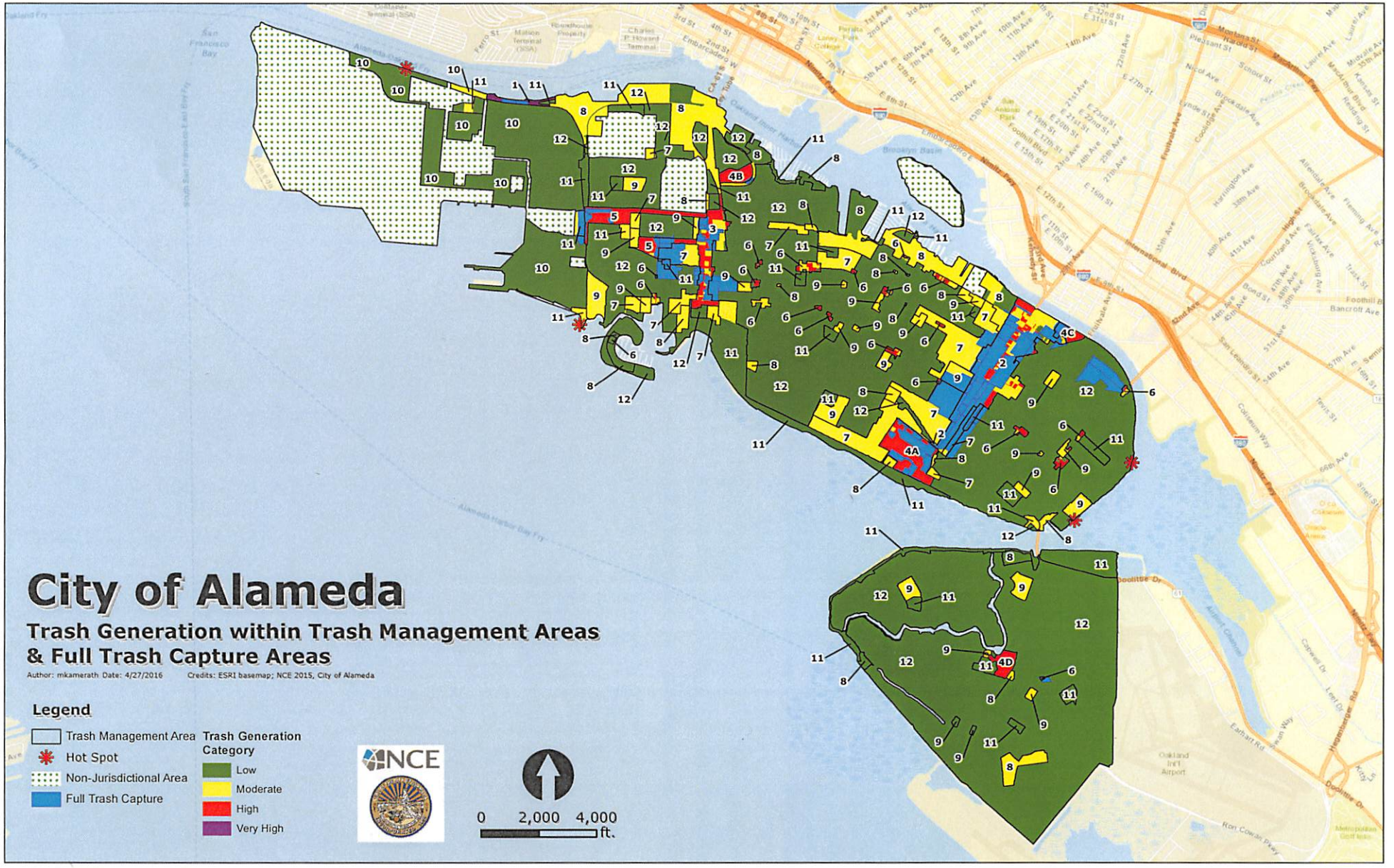
See Click Fix is the City of Alameda's new and improved tool for submitting service requests and reporting quality-of-life issues. If you are a new See Click Fix user, you will be prompted to set up an account upon submitting your first request. Users can also download Alameda's See Click Fix mobile app via the links below.
REPORT ISSUES
Street Address *
City/County *
Alameda
State/Province *
California
Step 1 of 2
Next »
Locate Me
Drag red marker to refine the location.
Francisco
Alameda
Bay Farm Island
San Leandro
Updating map and form automatically.
Report an Issue
SeeClickFix


City of Alameda
Calendar | Contact | Emergency Info
Search this site
Election About Business City Hall Departments Residents Visitors
#LoveOurIsland
Report A Spill
Alameda Visual History
Coast Guard City
Go Green!
Historic Preservation
Quality of Life
Transportation
Sister Cities
A) On-Going Emergency Incidents such as:
• Any discharge of hazardous materials, unknown materials
• Incidents where pollutant materials are already discharging into a storm drain inlet, the estuary channel, a lagoon, or the Bay
• Issues with life and health-safety implications
Call 9-1-1
B) Reports of Sewer Over Flow Emergencies
During normal business hours call Public Works Maintenance Service Center: 747-7900 After hours & weekends call the City's 24-hour dispatch line: 337-8340
C) Reports of ILLEGAL DUMPING (other than emergencies described above) of non-hazardous material to the public right-of way (i.e. sidewalk or the street) such as incidents described below:
• Washwater (i.e., from floors, paint brushes, carpet cleaning, or dog groomer), cement slurry, construction debris, landscaping debris etc
During normal business hours call Alameda Fire Prevention Bureau Inspector staff: 337-2120 After hours & weekends call the City's 24-hour dispatch line: 337-8340


City of Alameda
Trash Generation within Trash Management Areas
Author: mkamerath Date: 4/25/2016
Credits: ESRI basemap; NCE 2015, City of Alameda
Legend
Trash Management
Hot Spot
Non-Jurisdictional
Trash Generation Category
Low
Moderate
High
Very High
NCE
0 2,000 4,000
ft.


City of Alameda
Trash Generation within Trash Management Areas & Full Trash Capture Areas
Author: mkamerath Date: 4/27/2016
Credits: ESRI basemap; NCE 2015, City of Alameda
Legend
Trash Management Area
Hot Spot
Non-Jurisdictional Area
Full Trash Capture
Trash Generation Category
Low
Moderate
High
Very High
NCE
0 2,000 4,000
ft.

REGULATORY MAINTENANCE AND CLEANING GUIDELINES
CITY OF ALAMEDA
For Pools, Spas/Hot Tubs and Fountains -
Keeping Pool, Spa and Fountain Water Out of San Francisco Bay

DRAINING YOUR POOL, SPA OR FOUNTAIN

- Discharge water to an adequate landscape area that can accommodate the discharge volume. See Tips for Determining if you have an Appropriate Landscape Area for Discharging Pool/Spa Wastewater.
- Or, with EBMUD approval, you can discharge your drain water to the sanitary sewer system via a sewer cleanout. For further information on seeking discharge pre-approval from EBMUD, contact EBMUD Environmental Services @ (510) 287-1651. If you are not sure of the location of your sanitary sewer clean-out, See Tips for Finding Your Clean-out.
- As a last resort, and IF your discharge water DOES NOT contain any residual chlorine, copper algaecide, filter backwash, cleaning agents or other pollutants, you may discharge to the street, gutter or storm drain IF you implement effective discharge practices to prevent any erosive scouring, discharge of any leaves or debris to a storm drain or any public safety nuisances such as, but not limited to, obstructions, tripping hazards, ponded water or slickened surfaces.

TIPS FOR DETERMINING IF YOU HAVE AN APPRORIATE LANDSCAPE AREA FOR DISCHARGING POOL/SPA WASTEWATER

- Discharge only to your own private property. Please do not discharge to public spaces, a parking strip or someone else's property.
- The area should be able to soak up ALL the water without any runoff going to a paved surface or some else's property.
- The drained water should not result in any erosive scouring.
- There should not be any standing water or waterlogged soils after 24 hours.

TIPS FOR FINDING YOUR CLEAN-OUT

- Look for a small circular cap on a pipe, with a raised square on it, sticking out of your house or out of the ground. These caps often cover clean-outs.
- Look on your property for a small concrete or metal cover marked "sewer" or "C.O." or "S". Clean-outs are often located under them.
- If your kitchen or bathroom is on an exterior wall of your house, look outside along that wall for a clean-out.
- Stand on the sidewalk looking toward your house. Line up the main water sources in your house: bathrooms, kitchen, washers, etc. The clean-out is often located on that line, in front of or behind your house.
- If you still can't find your clean-out, contact your local plumber.

For further information contact:

City of Alameda Clean Water Program at (510) 747-7930;
http://www.cityofalamedaca.gov/Go-Green/Clean-Water
Alameda County Clean Water Program at www.cleanwaterprogram.org
EBMUD Environmental Services Division, (510) 287-1651

cleanwater PROGRAM
Protecting Alameda County Creeks, Wetlands & the Bay
cleanwaterprogram.org

REGULATORY MAINTENANCE AND CLEANING GUIDELINES
CITY OF ALAMEDA
For Pools, Spas/Hot Tubs and Fountains -
Keeping Pool, Spa and Fountain Water Out of San Francisco Bay

Residents, homeowners and contractors planning to install and/or maintain a pool, spa/hot tub (spa) or fountain should be aware of simple, important things they can do to protect the water quality of San Francisco Bay. Contact the City Permit Office at (510) 747-6800, 2263 Santa Clara Avenue, to plan your project correctly.

DID YOU KNOW?

- Storm drains flow directly to San Francisco Bay without any treatment.
- Draining a pool, spa or fountain to the street, gutter or storm drain IS ILLEGAL AND can pollute the Bay with copper, chlorine, sediments, and/or other contaminants.
- It is prohibited to discharge pool, spa or fountain water that contains residual chlorine, copper algaecide, filter backwash, cleaning agents or other pollutants to the street, gutter, storm drains or directly to San Francisco Bay.
- It is prohibited to discharge pool, spa or fountain water that contains copper algaecide or filter backwash to the sanitary sewer without pre-approval from East Bay Municipal Utilities District (EBMUD).
- Chlorine is an effective disinfectant in your pool or spa but is a threat to aquatic life when discharged to watercourses or the Bay.
- Copper is sometimes used as an algaecide in pools, spas, and fountains, and copper pipes are commonly used in pool plumbing. Copper is also a pollutant that threatens aquatic life in San Francisco Bay.

MAINTAINING YOUR POOL, SPA OR FOUNTAIN

- A properly maintained pool, spa, or fountain will reduce the need for draining.
- Minimize algae buildup to prevent the need for toxic algaecides.
- Clean regularly, maintain proper chlorine levels, and maintain water filtration and circulation.
- Manage pH and water hardness to minimize copper pipe corrosion that can stain your pool and end up in the Bay.
- Ask your pool maintenance service for help resolving persistent algae problems without using copper algaecides.

CLEANING YOUR POOL, SPA OR FOUNTAIN

- Never clean a filter in the street, gutter or storm drain.
- Rinse cartridge filters onto a dirt or landscaped area and tool/mix filter residue into the soil.
- Keep filter backwash discharges out of the street, gutter and storm drain. Discharge backwash from sand and diatomaceous earth filters onto an appropriately-sized landscape area. Dispose of spent filter materials in the trash.