



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7
100 NORTH CANYONS PARKWAY, LIVERMORE, CA 94551-9486 • PHONE (925) 454-5000

September 28, 2016

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

Subject: *Zone 7 Water Agency's Annual Report Covering July 1, 2015 – June 30, 2016*

Dear Mr. Wolfe:

Enclosed please find Zone 7 Water Agency's individual Annual Report for fiscal year 2015/2016 (July 1, 2015 through June 30, 2016) as required under the Municipal Regional Stormwater NPDES Permit (NPDES Permit No. CAS612008, Order R2-2015-0049).

I certify that Zone 7 Water Agency is in compliance with all requirements of the Order. Furthermore, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Should you have any questions regarding this submittal, please contact either me (at the number above or by email at jduerig@zone7water.com) or Rhett Alzona (at 925 454-5032 or via email at ralzona@zone7water.com).

Sincerely,



G.F. Duerig
General Manager

cc: Selina Louie, RWQCB
Kurt Arends, Jarnail Chahal, Rhett Alzona, Athena Watson, Emily Moshier



ZONE 7 WATER AGENCY
FISCAL YEAR
2015-2016 ANNUAL
REPORT OF
STORMWATER PROGRAM
IMPLEMENTATION

MEMBER AGENCIES:

Alameda
Albany
Berkeley
Dublin
Emeryville
Fremont
Hayward
Livermore
Newark
Oakland
Piedmont
Pleasanton
San Leandro
Union City
County of Alameda
Alameda County Flood
Control and Water
Conservation District
Zone 7 Water Agency

Submitted to:
California Regional Water Quality
Control Board, San Francisco Bay
Region
September 28, 2016

ATTACHMENT B

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Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

Section 1 – Permittee Information

SECTION I. BACKGROUND INFORMATION

Background Information			
Permittee Name:	Zone 7 of the Alameda County Flood Control and Water Conservation District		
Population:	N/A		
NPDES Permit No.:	CAS612008		
Order Number:	R2-2015-0049		
Reporting Time Period (month/year):	July 2015 through June 2016		
Name of the Responsible Authority:	G.F. Duerig	Title:	General Manager
Mailing Address:	100 N. Canyons Pkwy		
City:	Livermore	Zip Code:	94551
		County:	Alameda
Telephone Number:	925-454-5000	Fax Number:	925-454-5724
E-mail Address:	jduerig@zone7water.com		
Name of the Designated Stormwater Management Program Contact (if different from above):	Rhett Alzona	Title:	Principal Engineer
Department:	Facilities Engineering		
Mailing Address:	100 N. Canyons Pkwy		
City:	Livermore	Zip Code:	94551
		County:	Alameda
Telephone Number:	925-454-5032	Fax Number:	925-454-5726
E-mail Address:	ralzona@zone7water.com		

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

C.2a, C.2b, C.2d, C.2.e are not applicable to Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7). Zone 7 is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities, which do not include streets, roads, sidewalks, etc. Zone 7 currently does not own any stormwater pump stations.

Zone 7 is part of the Alameda County Flood Control and Water Conservation District (ACFC&WCD) and owns flood control channels within its jurisdiction, therefore Provision C.2.c is applicable. The majority of the flood control facilities are concentrated in the Pleasanton, Livermore, and Dublin areas. These facilities consist of channels entirely owned by Zone 7, partially owned by Zone 7, and those that Zone 7 possesses a drainage easement on. Zone 7 owns approximately 37 miles of flood control channels. In those 37 miles, there are approximately 3 miles of concrete channels and other concrete structures within channels. These concrete channels and structures periodically require maintenance and graffiti removal. Zone 7 typically has this work performed by contractor under a Routine Maintenance Agreement with California State Department of Fish and Wildlife. Zone 7's contract with the contractor requires them to implement appropriate BMPs during this work.

Zone 7 has a corporation yard at its Del Valle Water Treatment Plant (DVWTP). Therefore, Provision C.2.f is applicable to Zone 7. As part of its coverage under the Surface Water Treatment Facilities NPDES Permit, Zone 7 has a Stormwater Pollution Prevention Plan for DVWTP. This facility is annually inspected prior to the start of the rainy season to ensure that the existing best management practices are still adequate.

See the Municipal Operations section of the Alameda Countywide Clean Water Program FY 15/16 Annual Report for summary of Program highlights.

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

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.

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

Comments:

Not applicable to Zone 7

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.

NA	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
NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

Not applicable to Zone 7

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.

N	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
NA	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:
 In reporting year 2015-16, two contracted laborers performed concrete repair work in a wetted channel and did not implement suitable BMPs to prevent discharges directly to water. Specifically, the crew had a gas can, a gas-filled generator, and a gas powered chisel resting in a wetted channel. There was no occurrence of an actual discharge. The discovery of this incident came several months later in reporting year 2016-17, and immediately following discovery both Zone 7 internal inspection staff and the contractor received refresher training regarding (1) the importance of selecting and implementing appropriate BMPs aimed at reducing the potential for discharges directly to water, and (2) permit conditions for working on a creek. Training occurred on July 19, 2016.

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

C.2.e. ► Rural Public Works Construction and Maintenance	
Does your municipality own/maintain rural ¹ roads: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If your answer is No then skip to C.2.f.	
Place a Y in the boxes next to activities where applicable BMPs were implemented. If not applicable, type NA in the box and provide an explanation in the comments section below. Place an N in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.	
NA	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
NA	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
NA	No impact to creek functions including migratory fish passage during construction of roads and culverts
NA	Inspection of rural roads for structural integrity and prevention of impact on water quality
NA	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
NA	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
NA	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings
Comments including listing increased maintenance in priority areas: Not applicable to Zone 7	

¹Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

C.2.f. ► Corporation Yard BMP Implementation			
Place an X in the boxes below that apply to your corporations yard(s):			
<input type="checkbox"/>	We do not have a corporation yard		
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit		
<input checked="" type="checkbox"/>	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)		
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:			
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment		
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system		
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method		
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used		
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments:			
Three members of Zone 7's staff attended the Cleanwater Program's Municipal Maintenance Subcommittee's training "SWPPP Refresher Training" on 6/30/2016. This training was designed for staff who implement Corporation Yard SWPPP's or are involved in the maintenance and operation of corporation yards.			
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
Del Valle Water Treatment Plant	9/16/2015	<ul style="list-style-type: none"> DI by Maintenance shop needs new filter fabric and stencil, gravel bags should be cleaned up. DI at the end of the filter gallery needs Drains to Bay signed cleaned off Filter fabric on the DI by Drying Bed 2 should be changed Filter fabric and gravel bags by Drying Bed 1 	Replaced sand bags with gravel bags, installed several new check dams and new filter fabrics in drain inlets. Additionally, as part of routine maintenance activities, drain inlets, filter fabric, gravel back check

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

		<p>should be changed</p> <ul style="list-style-type: none"> • DI north of Drying Bed 1 should get new gravel bags • DI between clearwell and Drying Bed 1 – replace sand bags with gravel bags • Consider adding additional check dam(s) on the V-ditch 	<p>dams, and wattles are inspected at least bi-monthly and cleaned, if necessary, before and during the rainy season and just prior to storms.</p>
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Section 3 - Provision C.3 Reporting New Development and Redevelopment

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

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

Summary:

Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have land use and legal authority to implement Provision C.3 beyond its own facilities nor does Zone 7 permit projects.

Zone 7 acts as its own lead agency for CEQA compliance. Water quality impacts, both temporary and permanent, are assessed as a part of all CEQA documents. As needed, appropriate BMPs are identified in the mitigation monitoring and reporting plan for a given project, and Zone 7 project managers and/or construction managers are responsible for implementation, monitoring and reporting on the BMPs.

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.

Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have land use and legal authority to implement Provision C.3 beyond its own facilities nor does Zone 7 permit projects. Therefore, only Zone's own projects are reported under Provision C.3.b.

There were no Regulated Projects approved during the reporting period.

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:

Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have land use and legal authority to implement Provision C.3 beyond its own facilities nor does Zone 7 permit projects. Therefore, only Zone's own projects are reported under Provision C.3.b.

Zone 7 is following the design specifications included in the ACCWP C.3 Technical Guidance Manual.

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

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

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

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	NA	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.		Yes	NA	No
<p>If you answered "Yes" to either question,</p> <ol style="list-style-type: none"> 1) Complete Table C.3.e.v. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. <p>Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have land use and legal authority to implement Provision C.3 beyond its own facilities nor does Zone 7 permit projects. Therefore, only Zone's own projects are reported under Provision C.3.</p> <p>There were no Special Projects implemented by Zone 7 during the Fiscal Year Reporting Period.</p>				

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

<p>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.</p>
<p>Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have land use and legal authority to implement Provision C.3 beyond its own facilities nor does Zone 7 permit projects. Therefore, only Zone's own projects are reported under Provision C.3.</p> <p>Zone 7 did not install any Stormwater Treatment Systems or HM controls during the fiscal year reporting period.</p>

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

Zone 7 does not own any stormwater treatment systems or HM systems. No stormwater treatment systems or HM systems were installed at any of Zone 7's facilities during the 2015-2016 Fiscal Year Reporting Period.

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)	—
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)	—
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)	—
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 15-16)	—
Option 2 – Reporting Stormwater Treatment System Inspections (Note: This option is available during FY 15-16 only)	
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)	0
Total number of stormwater treatment systems in your agency's database or tabular format at the end of the reporting period (FY 15-16)	0
Total number of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	0
Percentage of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	NA

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:

Zone 7 does not own any stormwater treatment systems or HM systems and did not install any during the current Fiscal Year Reporting Period.

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

Summary:

Zone 7 does not own any stormwater treatment systems or HM systems and did not install any during the current Fiscal Year Reporting Period.

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:

Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have land use and legal authority to implement Provision C.3 beyond its own facilities nor does Zone 7 permit projects. Therefore, C.3.i is not applicable to Zone 7.

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:

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have land use and legal authority to implement Provision C.3 beyond its own facilities nor does Zone 7 permit projects. Therefore, C.3.J does not apply to Zone 7. 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.

Summary of Planning or Implementation Status of Identified Projects:

Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have land use and legal authority to implement Provision C.3 beyond its own facilities nor does Zone 7 permit projects. Therefore, C.3.J.i.v.(d) does not apply to Zone 7.

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.

Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have land use and legal authority to implement Provision C.3 beyond its own facilities nor does Zone 7 permit projects. Therefore, C.3.J.iii does not apply to Zone 7.

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

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

On an annual basis, report progress on development and implementation of methods to track and report implementation of green infrastructure measures and provide reasonable assurance that wasteload allocations for TMDLs are being met.

Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have land use and legal authority to implement Provision C.3 beyond its own facilities nor does Zone 7 permit projects. Therefore, C.3.J.i.v.(d) does not apply to Zone 7.

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 ⁸ , Street Address	Name of Developer	Project Phase No. ⁹	Project Type & Description ¹⁰	Project Watershed ¹¹	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹²	Total Replaced Impervious Surface Area (ft ²) ¹³	Total Pre- Project Impervious Surface Area ¹⁴ (ft ²)	Total Post- Project Impervious Surface Area ¹⁵ (ft ²)
Private Projects											
Not applicable to Zone 7											
Public Projects											
Comments:											
There were no Regulated Projects approved by Zone 7 during the Fiscal Year reporting period.											

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

⁸Include cross streets

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

¹⁰Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

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

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

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

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

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

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

Project Name Project No.	Application Deemed Complete Date ¹⁶	Application Final Approval Date ¹⁷	Source Control Measures ¹⁸	Site Design Measures ¹⁹	Treatment Systems Approved ²⁰	Type of Operation & Maintenance Responsibility Mechanism ²¹	Hydraulic Sizing Criteria ²²	Alternative Compliance Measures ^{23/24}	Alternative Certification ²⁵	HM Controls ^{26/27}
Private Projects										
Not applicable to Zone 7										

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

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

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

¹⁹List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

²⁰List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

²¹List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

²²See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

²³For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

²⁴For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

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

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

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

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

Project Name Project No.	Approval Date ²⁸	Date Construction Scheduled to Begin	Source Control Measures ²⁹	Site Design Measures ³⁰	Treatment Systems Approved ³¹	Operation & Maintenance Responsibility Mechanism ³²	Hydraulic Sizing Criteria ³³	Alternative Compliance Measures ^{34/35}	Alternative Certification ³⁶	HM Controls ^{37/38}
Public Projects										

Comments:
There were no Regulated Projects approved by Zone 7 during the Fiscal Year reporting period.

²⁸For public projects, enter the plans and specifications approval date.
²⁹List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
³⁰List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.
³¹List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).
³²List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc..) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.
³³See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).
³⁴For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.
³⁵For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.
³⁶Note whether a third party was used to certify the project design complies with Provision C.3.d.
³⁷If HM control is not required, state why not.
³⁸If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

C.3.h.v.(2). ► Table of Newly Installed³⁹ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

Fill in table below or attach your own table including the same information.			
Name of Facility	Address of Facility	Party Responsible ⁴⁰ For Maintenance	Type of Treatment/HM Control(s)
Zone 7 does not own any stormwater treatment systems installed in prior fiscal years and no stormwater treatment systems were installed at any of Zone 7's facilities during the 2014-2015 Fiscal Year reporting period.			

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

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

C.3.e.v.Special Projects Reporting Table												
Reporting Period – July 1 2015 - June 30, 2016												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴¹	Status ⁴²	Description ⁴³	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁴⁴	LID Treatment Reduction Credit Available ⁴⁵	List of LID Stormwater Treatment Systems ⁴⁶	List of Non-LID Stormwater Treatment Systems ⁴⁷
There were no Special Projects implemented by Zone 7 during the Fiscal Year reporting period												

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

⁴² Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

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

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

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

⁴⁶: List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

⁴⁷List 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.

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

Project Name and Location ⁴²	Project Description	Status ⁴³	GI Included? ⁴⁴	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁵
Not applicable to Zone 7				

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

Project Name and Location ⁴⁶	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
Not applicable to Zone 7			

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

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

⁴⁴ Enter “Yes” if project will include GI measures, “No” if GI measures are impracticable to implement, or “TBD” if this has not yet been determined.

⁴⁵ Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

⁴⁶ List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

Provision C.4 is not applicable to Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7). Zone 7 is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Therefore, Zone 7 does not perform inspections of industrial and commercial sites as this is the responsibility of the local municipality, which has the land use and legal authority over these facilities.

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.

Not applicable to Zone 7 (see Program Highlights above for explanation)

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.

Permittee reports the total number of discrete violations on each site.

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

Comments:

Not applicable to Zone 7 (see Program Highlights above for explanation)

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)	
Potential discharge and other	
Comments:	
Not applicable to Zone 7 (see Program Highlights above for explanation)	

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

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

	Enforcement Action (as listed in ERP) ⁴⁷	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ⁴⁸
Level 1	Not applicable to Zone 7 (see Program Highlights above for explanation)		
Level 2			
Level 3			
Level 4			
Total			

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

⁴⁸Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

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

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

Business Category ⁴⁹	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Not applicable to Zone 7 (see Program Highlights above for explanation)		

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:

Not applicable to Zone 7 (see Program Highlights above for explanation)

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
Cleanwater Program Training: Stormwater Business Inspectors Workshop – MRP 2.0 What does it mean for Inspectors?	6/9/2016	MRP, BMP's, non-stormwater discharges, and enforcement	1 Zone 7 Staff	N/A	N/A	N/A

Comments:

This is not applicable to Zone 7. However, one of Zone 7's staff attended the training to gain additional information on the topics.

⁴⁹List your Program's standard business categories.

--

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

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

Provide background information, highlights, trends, etc.
<p>Summary:</p> <p>Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have legal authority to prohibit and control illicit discharges on facilities not owned by Zone 7. This is the responsibility of the local municipality. In the event Zone 7 staff discovers an illicit discharge, it is reported to the local municipality with jurisdiction over the facility.</p> <p>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.</p>

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

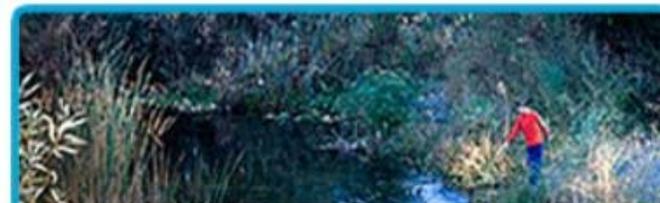
List below or attach your complaint and spill response phone number
<p>If the spill is currently happening, call 911</p> <p>If the situation is not urgent, call:</p> <ul style="list-style-type: none"> • Zone 7 Administrative offices at 925-454-5000 during business hours, Monday – Friday, 8 a.m. to 5 p.m. • Water Treatment Plant Operator at 925-447-6704, ext. 1, during non-business hours.
Provide your complaint and spill response web address, if used
<p>Is a screen shot of your website showing the central contact point attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
If No, explain:
Provide a discussion of how the central contact point (complaint and spill response phone number and, if used, web address) is being publicized to your staff and the public.
A link to the spill response information is listed on the front page of Zone 7's website. The linked page is what is shown on the attached screen shot. The response information was also included in the May 20, 2016 Zone 7 newsletter emailed to the public and in an email sent to all Zone 7 staff.



YOUR WATER



FLOOD & STREAM MANAGEMENT



WATERSHED & ENVIRONMENT

Report A Spill Or Dumping



Signup for Our E-Newsletter



QUICK LINKS

[Conservation/Rebates](#)

[Construction/Business Opportunities](#)

[Board of Directors Meetings](#)

[Job Opportunities](#)

[Permits & Fees](#)

Zone 7 owns many flood control channels and creeks in the Cities of Livermore, Pleasanton and Dublin, and in unincorporated areas of Eastern Alameda County. If you see a spill or dumping in any waterway, follow the directions below to report it:

1. If a spill is currently happening, call 911.
2. If the situation is not urgent, call:
 - Zone 7 Administrative offices at (925) 454-5000 during business hours, Monday-Friday, 8 a.m. to 5 p.m.
 - Water Treatment Plant Operator at (925) 447-6704, ext. 1, during non-business hours.

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))	33	
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	28	85%
Discharges resolved in a timely manner (C.5.d.iii.(3))	33	100%

Comments:

Zone 7 receives phone calls of various types, which are tracked using an Excel spreadsheet. Depending upon the nature of and location of the request/complaint, Zone 7 staff will either notify the appropriate agency or coordinate, as appropriate, inter-agency responses to requests/complaints. In situations where there are hazardous material spills, Zone 7 provides a supporting role, as needed, to first responders (i.e. fire department). For spills, Zone 7 typically works with the local City to identify the responsible party and request that they clean-up the spill. In instances where the responsible party is not available, Zone 7 has an on-call contractor to perform the clean-up. Zone 7 does not have jurisdiction for enforcement, the applicable City or Alameda County conducts any enforcement for spills.

For the data reported above, reports of discharges that were not substantiated in the field are included in the count of discharges reported but are not included in the count of discharges reaching storm drains and/or receiving waters. Discharges that were reported in areas that are not Zone 7 property were referred to the property owner and are not included in the data reported above.

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 showing Zone 7's flood control channels (MS4) are available to the public at the front counter of Zone 7's Administration Building. There is a note on Zone 7's website that these maps are available to the public at this location.

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(1) ► Hillside Development Criteria			
What criteria is your agency using to determine hillside development areas?	<input type="checkbox"/>	Local criteria such as maps of hillside development areas or other written criteria	<input checked="" type="checkbox"/> The permit definition of projects on sites with ≥ 15% slope
Attach a copy of hillside development area maps or provide your written criteria below, if applicable.			
Description:			

C.6.e.iii.2.a, b, c ► Site/Inspection Totals		
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
0	0	0
Comments: Zone 7 of the Alameda County Flood Control and Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Therefore, Zone 7 does not have legal authority to conduct construction site inspection or take enforcement action on facilities not owned by Zone 7. This is the responsibility of the local municipality. The data reported in this table reflect Zone 7's construction sites.		

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

C.6.e.iii.2.e ▶ Construction Related Storm Water Enforcement Actions

Zone 7 of the Alameda County Flood Control and Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Therefore, Zone 7 does not have legal authority to conduct construction site inspection or take enforcement action on facilities not owned by Zone 7. This is the responsibility of the local municipality. In the event that Zone 7 staff discovers a potential pollutant discharge from a construction site, it is reported to the local municipality with jurisdiction over the construction site.

⁵⁰Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category. For example, if during one inspection at a site, there are 2 erosion control violations, only 1 violation would be counted for this table.

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

⁵²The total number of violations may count more than one violation per inspection, since some inspections may result in violations in more than one category. For example, during one inspection of a site, there may have been both an erosion control violation and a sediment control violation. For this reason, the total number of violations in this table may not match the total number of enforcement actions reported in Table C6.e.iii.1.e.

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	Enforcement Action (as listed in ERP) ⁵³	Number Enforcement Actions Issued	% Enforcement Actions Issued ⁵⁴
Level 1 ⁵⁵	Not applicable to Zone 7 – See note above		
Level 2			
Level 3			
Level 4			
Total			100%

C.6.e.iii.2.f, g ► Illicit Discharges

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

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)		% ⁵⁶
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)		% ⁵⁷
Total number of violations (excluding verbal warnings) for the reporting year⁵⁸		100%

Comments:
 Zone 7 of the Alameda County Flood Control and Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control

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

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

⁵⁵For example, Enforcement Level 1 may be Verbal Warning.

⁵⁶Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

⁵⁷Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

⁵⁸The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions, i.e., this assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Therefore, Zone 7 does not have legal authority to conduct construction site inspection or take enforcement action on facilities not owned by Zone 7. This is the responsibility of the local municipality. In the event that Zone 7 staff discovers a potential pollutant discharge from a construction site, it is reported to the local municipality with jurisdiction over the construction site.

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:

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:

Not applicable to Zone 7 – See above note under C.6.e.iii

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	
Not applicable to Zone 7				

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:

- Zone 7 Water Agency uses various outreach tools to communicate to the public about stormwater pollution prevention – at community events, in its schools program, on its website and in various publications and newsletters. Many efforts involve outreach aimed at reducing reliance on pesticides and using irrigation management techniques that minimize pesticide runoff. They are detailed in upcoming sections of this report.
- Refer to the Countywide Program's Annual Report

C.7.c. Stormwater Pollution Prevention Education

Local stormwater phone number(s)	925-454-5000, or after hours, 447-6704, ext.1
Local/Regional stormwater website(s)	www.zone7water.com (contact info listed under "Quick Links" and "Contact Us")

Outreach:

Refer to Countywide Program's C.7 Public Information and Outreach section of Program's FY 15-16 Annual Report for efforts conducted by the countywide program to publicize stormwater points of contact (e.g. program website, hotline, outreach materials, etc.).

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
<p>Provide event name, date, and location. Indicate if event is local, countywide or regional.</p>	<p>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., Enviroscene presentation, pesticides, stormwater awareness)</p>	<p>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:</p> <ul style="list-style-type: none"> • 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
<p>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.</p>	<p>The County Fair is attended by a wide range of residents from throughout the County. The primary message of the exhibit and outreach materials is to encourage residents to reduce their use of pesticides or when necessary use less-toxic pesticides. The exhibit also illustrates the basic watershed awareness/stormwater pollution message.</p>	<p>Several hundred thousand residents attend the fair each year. A more detailed description of the exhibit is included in Section C.7 Public Information and Outreach of the ACCWP FY 15/16 Annual Report.</p>
<p>Energy, Engineering & Environmental Weekend: (7/3/15 – 7/5/15) Special 3-day event at the Alameda County Fair, part of "Alameda County's largest classroom" summer learning at the fair.</p>	<p>Event type: County fair special event Audience: Children & their families Outreach messages: stormwater-pollution prevention, water conservation.</p>	<p>Interacted with about 400 people (fewer but more intensively than in the previous year) Among giveaways: -65 sprinkler adjustment keys that, among other things, help reduce runoff & come with a stormwater-pollution prevention message -58 Lawn Conversion Rebate brochures</p>

		-10 Clean Water Program pencils
<p>Lose Your Lawn displays: Dublin Library 7/13/15 – 8/17/15 Pleasanton Library 8/18/15 – 9/1/15 Livermore Library 9/2/15 – 9/30/15</p>	<p>Event type: Outreach display Audience: Library patrons Outreach messages: this display promoted conversions of lawns to drought-tolerant landscaping not only to conserve water but also to prevent runoff and prevent pollution.</p>	<p>This display was not staffed, but library personnel reported seeing many library patrons viewing the display. Several hundred informational fliers on 1) sheet mulching, 2) lawn conversion rebates and 3) water-wise plants that help reduce stormwater pollution were taken by interested patrons.</p>
<p>Livermore Farmers' Market (8/6/15) Theme was "I Love My Planet Earth"</p>	<p>Event type: Farmers' market Audience: 5,000 residents in attendance Outreach messages: water conservation, stormwater-pollution prevention</p>	<p>Directly interacted with about 100 people Among giveaways: -37 CWP non-toxic pest-control recipe labels -22 sprinkler keys -10 "Perfect Plants" brochures that include a stormwater pollution-prevention message, 10 sheet-mulching trifolds and 10 lawn conversion rebate brochures - Kids made CWP Froggy Puppet craft, which gave staff a good chance to talk at length to families about pollution prevention</p>
<p>Dublin Farmers' Market (8/20/15)</p>	<p>Event type: Farmers' market Audience: family-oriented event; several hundred in attendance Outreach messages: water conservation, stormwater-pollution prevention</p>	<p>Directly interacted with about 100 people Among giveaways: -28 sprinkler keys -9 CWP toxic-free pest-control bottle labels -4 "Perfect Plants" brochures, 8 sheet-mulching trifolds and 3 lawn-conservation rebate brochures - Kids made CWP Froggy Puppet craft, which gave staff a good chance to talk to families at length again about pollution prevention.</p>
<p>Pleasanton Green Scene (9/2/15) Environmental fair, with "living green" theme, put on by the Pleasanton Downtown Association in partnership with Hacienda Business Park</p>	<p>Event type: Environmental Fair Audience: Several thousand mainly city residents Outreach messages: water conservation, stormwater-pollution prevention</p>	<p>Directly interacted with about 375 attendees, participation grows each year. Among giveaways: -78 sprinkler keys -19 "Perfect Plants" brochures -4 sheet mulching trifolds</p>

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C.7 – Public Information and Outreach

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

		The event was well attended and the booth got lots of visitors during the first 2 hours.
<p>Livermore Children's Fair (9/12/15) Hosted by Livermore Area Recreation & Park District; held at Robert Livermore Community Center</p>	<p>Event type: Children's Fair Audience: 1,000 people in primarily young families from throughout Livermore Outreach messages: water conservation, stormwater-pollution prevention</p>	<p>Directly interacted with 700+ attendees, including children. Among giveaways: -14 CWP toxic-free pest-control labels -38 "Perfect Plants" brochures, 9 lawn-conversion rebate brochures -51 sprinkler keys We played Penny Pitch with families and asked them questions about pollution prevention.</p>
<p>City of Dublin Creek Cleanup (9/12/15) Zone 7 assisted by providing creek access for volunteers, serving as a site captain, and helping to promote the event on its website.</p>	<p>Event type: Community creek cleanup Audience: General Public Outreach messages: Trash/objects in creeks cause water pollution, the community can help with prevention</p>	<p>Zone 7 assisted the City of Dublin for the annual cleanup it organized. This year's effort pulled 14.2 cubic yards of trash out of the waterways. Work was done at four different sites by 100 volunteers. Because the cleanups don't occur along the same tracts of waterway at regular intervals, it is hard to gauge the effectiveness of various cleanups, but this year's efforts were considered a success.</p>
<p>Tri-Valley Creeks to Bay cleanup (9/19/15) Zone 7 partnered with several local agencies on community creek cleanups, spearheaded by the City of Livermore's Adopt a Creek Spot program, in conjunction with California Coastal Cleanup Day.</p>	<p>Event type: Community creek cleanups Audience: General Public Outreach messages: Trash/debris in creeks causes water pollution; the community can help with prevention</p>	<p>Zone 7 was among partners assisting the City of Livermore in its annual fall cleanup along city waterways. 223 volunteers worked along 5.62 miles of waterway, and collected 1,160 gallons of trash and 332 gallons of recyclables from 7 locations. This was part of Livermore's "Adopt-a-Creek-Spot" effort.</p>
<p>Harvest Festival (9/18/15 – 9/20/15) Alameda County Fairgrounds, Pleasanton</p>	<p>Event type: Community festival Audience: Tri-Valley residents Outreach messages: stormwater-pollution prevention, flood preparedness, water conservation</p>	<p>Directly interacted with 300+ attendees. Among giveaways: -78 Clean Water Program pencils -84 sprinkler keys -52 "Perfect Plants" brochures, 47 lawn conversion rebate brochures, 23 sheet-mulching trifolds -17 CWP non-toxic pest control bottle labels - 8 CWP Retain the Rain brochures</p>

		<p>- 43 CWP Fish erasers</p> <p>Played Plinko game with passers-by and asked questions about pollution prevention. We've determined this event not one of our best, since it is expensive to staff all three days and the audience is not particularly receptive to gardening/household issues, they mostly want craft stuff.</p>
<p>National Labs Farmers' Market (9/22/15) For employees of Lawrence Livermore & Sandia National laboratories</p>	<p>Event type: Farmers' market Audience: 200 lab employees Outreach messages: stormwater-pollution prevention, flood preparedness, water conservation</p>	<p>Directly interacted with 40+ attendees. Giveaways included:</p> <ul style="list-style-type: none"> -16 "Perfect Plants" brochures, 26 sheet-mulching brochures -13 sprinkler keys -3 non-toxic pest-control bottle labels
<p>Fall Home & Garden Show (10/2/15 – 10/4/15) Alameda County Fairgrounds, Pleasanton; Booth adjacent to Clean Water Program's.</p>	<p>Event type: Home & garden show Audience: Approx. 8,000 gardeners, homeowners & other residents. Outreach messages: Stormwater-pollution prevention, water conservation</p>	<p>Giveaways included:</p> <ul style="list-style-type: none"> - 137 sprinkler keys - 62 Perfect Plants - 16 Lawn Conversion Rebate brochure - 29 Sheet mulching tri-folds - 6 CWP non-toxic recipe labels <p>While much of the public's focus was on Drought issues this year, we played Penny Pitch with passers-by, and asked questions related to pollution prevention.</p>
<p>Niles Canyon Stroll & Roll (10/11/15) Alameda County-sponsored event promoting possible trail along Highway 84/Alameda Creek</p>	<p>Event type: Community event Audience: 5,000-10,000 attendees, including many cyclists, hikers Outreach messages: Watershed awareness, stormwater-pollution prevention, flood preparedness</p>	<p>Giveaways included:</p> <ul style="list-style-type: none"> -22 sprinkler keys -6 CWP non-toxic pest-control recipe labels -10 sheet-mulching trifolds, 13 lawn conversion rebate brochures
<p>Spring Home & Garden Show (2/12/16 – 2/14/16) Alameda County Fairgrounds, Pleasanton</p>	<p>Event type: Home & garden show Audience: 8,000 gardeners, homeowners & other attendees Outreach messages: Stormwater-pollution prevention, flood preparedness, water</p>	<p>Directly interacted with 520+ attendees. Giveaways included:</p> <ul style="list-style-type: none"> -45 "Perfect Plants" brochures, 40 lawn-conversion rebate brochures -25 sprinkler keys

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

	conservation,	-12 watershed maps - 3 Detain the Rain CWP brochures While much of the public's focus was still on Drought issues, we played Penny Pitch with passers-by, and asked questions related to pollution prevention.
Livermore Science Odyssey (2/18/16)	Event type: School science fair Audience: open to K-12 students throughout Livermore Outreach messages: Flood preparedness, stormwater-pollution prevention, water quality, conservation	We debuted Zone 7's new stormwater diorama at this event, and lead groups of visitors through a demonstration to show how pollutants enter our stormwater. The new display helped draw a good crowd all evening.
Alameda County Science & Engineering Fair (3/12/16) Alameda County Fairgrounds Zone 7 staff serves as special awards judges of water-related projects of students within its service area, many addressing water pollution/treatment issues.	Event type: Countywide science fair Audience: Middle school & high school students and their families Outreach messages: Our special awards winners (2 had projects addressing water pollution/treatment) made presentations about their projects at Zone 7's May board meeting as part of Water Awareness Month	The students' display boards went on exhibit in Zone 7's lobby for the month of May
Sunol Wildflower Festival (4/9/16) Sunol Regional Wilderness Zone 7 had a booth at this family-oriented event that is geared to environmental education	Event type: Environmental festival Audience: Families Outreach messages: stormwater-pollution prevention, flood preparedness, water conservation	Directly interacted with 130+ attendees. Giveaways included: -23 sprinkler keys -4 "Perfect Plants" brochures -2 CWP Pests Bugging You booklets -63 "Drink More, Waste Less" cups promoting reusable containers vs. plastic bottles Zone 7 demonstrated its new stormwater model to teach about run off and pollution prevention. The model was well received by children and adults, though the weather was quite bad, so turnout was lower than previous years.
Ag Adventure Day (4/19/16) Livermore High School	Event type: environmental education Audience: 1,200 Livermore third-graders	Directly interacted with 250 kids. Giveaways:

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C.7 – Public Information and Outreach

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

	Outreach messages: Preserving/protecting our water resources through environmental awareness	Used 1,000 watershed coloring maps as part of kid's activity conveying wide range of info including about stormwater pollution
Dublin Pride Week creek cleanup (4/30/16) Zone 7 provided support and creek access for volunteers, helped to promote the event, and was a site captain at one of the cleanup sites.	Event type: Creek cleanup Audience: General Public Outreach messages: Trash and objects in creeks cause water pollution; the community plays a role in prevention	Zone 7 again provided requested assistance to City of Dublin for their annual spring waterway cleanup, which cleaned along two different sites where trash tends to accumulate. 45 volunteers participated.
Pleasanton Farmers' Market (5/7/16)	Event type: Farmers' market Audience: Several hundred attendees Outreach messages: conservation, stormwater pollution prevention	Directly interacted with around 150 attendees. Giveaways included: -13 sprinkler keys -9 "Perfect Plants" brochures, 7 sheet-mulching trifolds 17 "Detain the Rain" brochures -6 CWP non-toxic pest control recipe labels While much of the focus was on the Drought and conservation, we used the occasion to also talk about how drought can exacerbate pollution issues.
Creek Cleanup in Pleasanton (5/22/16) Zone 7 collaborated with the Foothill High School Interact Club and the City of Pleasanton for a group of students to help with a cleanup along Pleasanton Canal. This followed a 4/28/16 cleanup by another high school group of a stretch of Arroyo Del Valle.	Event type: Community creek cleanup Audience: High school students Outreach messages: Trash and objects in creeks cause water pollution; the community plays a role in prevention	Zone 7 assisted City of Pleasanton during its volunteer cleanups. The 5/22/16 event involved 12 students who gathered approximately 156 gallons of trash and debris. The 4/28/16 event involved 5 students along a shorter stretch of creek, netting 130 gallons of trash and debris.
Clean Water Program Car Wash posters (6/16/16) Zone 7 distributed copies of the CWP Car Wash posters to public areas to remind residents about proper car washing.	Event type: Poster hanging at high visibility sites Audience: General public Outreach messages: Proper car washing reduces pollution.	Posters were hung at Dublin City Hall and Library; Livermore City Hall and Library; Pleasanton City Hall and Library; Stoneridge Mall Community Bulletin Board, Livermore Premium Outlets Community Bulletin Board, and the Livermore Ale House Community Bulletin Board.
Alameda County Fair Display (6/15/16-7/4/16)	Event type: countywide fair Audience: attended by several hundred thousand people	Throughout the fair, although this display was not staffed, many people were seen viewing the display and many signed up for e-news,

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

	<p>Outreach messages: featuring the Arroyo Mocho Stanley Reach Riparian Restoration and Channel Enhancement Pilot Project, the display included other information about water conservation, water-wise gardening, stormwater-pollution prevention.</p>	<p>which often includes information about pollution prevention. The booth also included one of the Clean Water Program car-washing information posters.</p>
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C.7.e. ► Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

Refer to the Countywide Program Annual Report. Countywide program staff will provide a summary of efforts conducted at the countywide or regional level. Municipalities should report any direct participation at the local level.

Living Arroyos Program: Zone 7 is one of four partners in the Living Arroyos Program. Its goal is to improve the urban streams and streamside habitats of the Livermore-Amador Valley, while continuing to protect drinking water supplies and prevent flooding. The program relies on the support and participation of community volunteers to create beautiful, safe, natural areas that serve the needs of people and other living things. The program is built upon two types of public engagement opportunities – an internship program and volunteer workdays.

Living Arroyos held 14 public volunteer days twice per month October 2015 – April 2016. A total of 225 Volunteers worked on three different sites throughout the Tri-Valley area. Volunteers assisted Living Arroyos staff in renewing streamside habitat conditions through hands on stewardship of natural resources. Some of their efforts include: planting native trees, hand removing non-native plants and removing trash items that pollute our waterbodies.

For 2015/16:

Volunteerism Data	
Total volunteer days (9am – 12pm)	14
Total volunteers engaged	225
Total volunteer hours	921
Average number of volunteers per event	20

Adopt a Creek Spot Program: The Adopt a Creek Spot Program is a partnership between the City of Livermore Water Resources Division, Zone 7 Water Agency, Livermore Area Recreation and Park District, Alameda County Resource Conservation District, Alameda County Watershed Forum, Livermore Valley Joint Unified School District, Friends of the Arroyos, Living Arroyos, and Goza Gear Eco-Friendly Screen Printing & Embroidery Work. The Program’s mission is to promote healthy Tri-Valley creeks through active community participation and education. Throughout the year Zone 7 works with several “adoptees” of creek spots in our area, and helps facilitate the annual Tri-Valley Creeks to Bay event in September.

Alameda Creek Fisheries Restoration Workgroup: The Alameda Creek Fisheries Restoration Workgroup was formed in early 1999 as a collaborative effort among many parties focusing on water flows and habitat restoration in the Alameda Creek watershed to explore opportunities related to steelhead trout. A Memorandum of Understanding (MOU) was authorized by the 17 Workgroup members in 2006, and Zone 7 is one of the core funding partners. A comprehensive study plan, the "Alameda Creek Population Recovery Strategies and In-Stream Flow Assessment for Steelhead Trout," was completed in 2008. Work included an assessment of hydrologic and habitat conditions, identification of strategies for population recovery, and monitoring. Zone 7 staff currently chairs this workgroup, developing the agendas and facilitating the meetings. As a funding partner, we also help guide the studies done on behalf of the workgroup, and seek ongoing collaboration from all stakeholders. Meetings are typically held quarterly and are open to the public.

Alameda Creek Watershed Forum: The Alameda Creek Watershed Forum is a voluntary, non-regulatory stakeholder group that supports the community's interest in protecting and achieving a healthy and sustainable Alameda Creek watershed. Stakeholders include agencies and organizations with stewardship interests in, and whose purview includes, the Alameda Creek watershed, as well as watershed organization members, watershed landowners and land managers, residents, and others. Zone 7 serves as the chair. We typically host two annual events – an annual conference and a technical symposium. In 2015-16, the group hosted only one event – a symposium themed "Synchronizing Watches: Working Smarter—Together—To Bring Grant Dollars To Alameda Creek Watershed". The next annual conference, 'State of the Watershed' is planned for October 2016.

Arroyo de la Laguna Agency Collaborative: The Arroyo de la Laguna Agency Collaborative is comprised of agencies and municipalities with facilities that drain into the arroyo and the greater Alameda Creek Watershed. More specifically, collaborators include the Alameda County Flood Control and Water Conservation District, Alameda County Water District, Contra Costa County Flood Control and Water Conservation District, San Francisco Public Utilities Commission, Zone 7, and the Cities of Dublin, Livermore, Pleasanton, and San Ramon. The Alameda County Resource Conservation District (RCD) and Natural Resources Conservation Service (NRCS) are also engaged in the Collaborative, as much of their work is in or around our waterways. This Collaborative discusses the arroyo and its watershed areas to better understand the scientific and engineering data that is available along with what goals for the arroyo will benefit the stakeholders and local residents. Zone 7 serves as unofficial facilitator of the Collaborative, and hosts quarterly meetings. Of particular note, a special session was held in July 2015 with a broader audience for a discussion about Prop 1 funding aimed at planning and implementing green infrastructure.

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)	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.
Zone 7 runs a schools program for students throughout its service area, reaching all grade levels with customized lessons related to water issues that meet each grade's state/federal standards.	Zone 7's schools program covers topics including watershed education, groundwater preservation, stormwater management and pollution prevention, as well as conservation and general water stewardship. Lessons are typically 50 minutes and are taught by Zone 7 contracted teachers. The program continues to expand, particularly at the high school level.	In the 2015-16 school year, Zone 7 did 377 K-8 classroom presentations and 56 high school presentations, reaching a total of more than 12,000 students.	Zone 7's schools program has been running for more than 15 years. We have forged positive relationships with many teachers and continue to refine the lessons each year to meet changing standards, evolving issues, and new teacher requests.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance							
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?						<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If no, explain:							
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.							
Trends in Quantities and Types of Pesticides Used⁵⁹							
Pesticide Category and Specific Pesticide Used	Amount ⁶⁰						
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	
Organophosphates							
Product or Pesticide Type A							
Product or Pesticide Type B							
Pyrethroids							
Product or Pesticide Type X – LambdaStar 9.7 CS	14.915 oz						
Product or Pesticide Type Y							
Carbamates							
Product or Pesticide Type X							
Product or Pesticide Type Y							
Fipronil							
Product or Pesticide Type X							
Product or Pesticide Type Y							
Indoxacarb	Reporting						

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

⁶⁰Weight or volume of the product or preferably its active ingredient, using same units for the product each year. Please specify units used. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.

	not required in FY 15-16					
Diuron	Reporting not required in FY 15-16					
Diamides	Reporting not required in FY 15-16					
<p>IPM Tactics and Strategies used:</p> <p>The contractor inspects the buildings for pest (insects, rodents) issues before treatment. Mechanical traps are used as rat snapping. Glue board monitoring devices are used to see what kind of issues exist. Chemical treatments are always the last step in the process and only if the contractor deems it necessary to try to gain control of a pest issue.</p>						

C.9.b ► Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	0
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	NA
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.	NA
<p>Type of Training:</p> <p>Zone 7 employees do not apply or use pesticides within their scope of duties. Therefore, this is NA for Zone 7.</p>	

C.9.c ▶ Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If yes, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored				
Zone 7's IPM Policy was included in the contractor's RFP. Additionally, Zone 7 staff is present during pesticide applications and has a tailgate meeting prior to each pesticide application to go over what is to be included at that site.				

C.9.d ▶ Interface with County Agricultural Commissioners

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

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

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); OR reference a report of a regional effort for public outreach in which your agency participates.
Summary: See the C.9 Pesticides Toxicity Control section of 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 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:

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

Additionally, pesticide educational materials were distributed at several outreach events listed in C.7 that Zone 7 participated in.

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

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

Summary:

During FY 15-16, we participated in regulatory processes related to pesticides through contributions to the 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).

Zone 7 is a non-population based Permittee. Therefore, Provision C.10.a.i is not applicable.

Trash Load Reductions

Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	NA
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii)	NA
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv)	NA
SubTotal for Above Actions	NA

Trash Offsets (Optional)

Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	NA
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	NA
Total Estimated % Trash Load Reduction in FY 15-16	NA

Discussion of Trash Load Reduction Estimate:

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		
Stormtek ST3G – connector pipe screen for a 24-inch inlet	1	NA
StormTek ST3G – connector pipe screen for a 36-inch inlet	1	NA
(Note, as a non-population-based Permittee and in accordance with the Permit, these systems are partial capture devices)		
Installed in FY 15-16		
NA		
Total for all Systems Installed To-date		NA
Treatment Acreage Required by Permit (Population-based Permittees)		NA
Total # of Systems Required by Permit (Non-population-based Permittees)		2 (in prior order)

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

Provide the following:

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

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full	Summary of Maintenance Issues and Corrective Actions
NA	NA	NA	NA	NA
Total				

Certification Statement:

NA

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
NA	As a non-population-based Permittee, Zone 7 has installed partial capture devices in accordance with the Permit. Two Stormtek ST3G devices were installed in 2014, one on a 24-inch inlet at the confluence of Pleasanton Canal and Arroyo de la Laguna and one on a 36-inch inlet along South San Ramon Creek in Dublin. Maintenance activities conducted for our partial capture devices include monthly routine inspection plus inspections carried out in between storms to ensure full functionality of the devices. Minimal amount of litter has been found and removed. Neither device has experienced overflowing, failure of function, or vandalism since their installation.
NA	Zone 7 participates in trash clean-up events led by other parties. Examples from this reporting period include the City of Dublin and Pleasanton Creek Cleanups and Tri-Valley Creeks to Bay Cleanup. See Section C.7d for discussion of these events.

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

Provide the following:

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

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

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. As of January 1, 2013, all grocery stores, supermarkets, mini-marts, convenience stores, liquor stores, pharmacies, drug stores or other entities that sell milk, bread, soda and snack foods (all four items) and/or alcohol (Type 20 or 21 license) in Alameda County must comply with the Single-Use Bag Ban Ordinance. Affected stores may no longer provide customers with single-use bags at check-out. A copy of the Ordinance is available on the Alameda County Waste Management Authority's website: http://reusablebagsac.org/ordinancetext.html	See Section C.10 of the ACCWP FY 15-16 Annual Report.	See Section C.10 of the ACCWP FY 15-16 Annual Report.		
Expanded Polystyrene Food Service Ware Ordinance or Policy		For those with Polystyrene Food Service Ware bans, insert: "See Section C.10 of the ACCWP FY 15-16 Annual Report." Add text regarding any additional assessment as appropriate. If you do not have a ban in place, delete this row.	For those with Polystyrene Food Service Ware bans, insert: "See Section C.10 of the ACCWP FY 15-16 Annual Report." Add text regarding any additional assessment results as appropriate. If you do not have a ban in place, delete this row.		

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
Line G2 in Pleasanton near the BART station	N	6/20/2016	5 lbs	50 lbs	9 cubic yards	0.33 cubic yards	0.5 cubic yards
Line J1 in Dublin at Dublin Blvd/McDonald's restaurant	N	6/20/2016	5 lbs	40 lbs	1 cubic yard	0.13 cubic yard	0.1 cubic yard
Line H (Arroyo Seco) in Livermore at First Street	N	6/20/2016	5 lbs	350 lbs	10 cubic yards	0.17 cubic yard	3 cubic yards

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
NA	

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)	NA		
Direct Trash Discharge Controls (Max 15% Offset)	NA		

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

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

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems <u>and</u> Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture <u>AND</u> Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
NA																		
Totals																		

Section 11 - Provision C.11 Mercury Controls

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

Summary:

A summary of countywide Program and regional accomplishments for these 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 sub-provisions are included within the C.12 PCB Controls section of Program's FY 15-16 Annual Report and/or BASMAA regional reports.

Section 13 - Provision C.13 Copper Controls

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

<i>(For FY 15-16 Annual Report only)</i> Do you have adequate legal authority to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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(For FY 15-16 Annual Report only) Provide a summary of how copper architectural features are addressed through the issuance of building permits.

Summary:

Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have land use and legal authority to implement Provision C.13.a.iii beyond its own facilities nor does Zone 7 permit projects. Therefore, C.13.a.iii does not apply to Zone 7.

(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:

Not applicable to Zone 7

Permittee Name: Zone 7 of the Alameda County Flood Control and Water Conservation District

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? 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:
 Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have land use and legal authority to implement Provision C.13.b.iii beyond its own facilities nor does Zone 7 permit projects. Therefore, C.13.b.iii does not apply to Zone 7.

(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:
 Not applicable to Zone 7

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:
 Zone 7 of the Alameda County Flood Control & Water Conservation District (Zone 7) is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service Company, and Dublin San Ramon Services District. In addition, Zone 7 is responsible for various flood control facilities and activities in the eastern portion of Alameda County. Zone 7 is a water and flood protection utility; its responsibility does not go beyond its own facilities. Zone 7 does not have land use and legal authority to implement Provision C.13.c.iii beyond its own facilities nor does Zone 7 permit projects. Therefore, C.13.c.iii does not apply to Zone 7.

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:

“Mow No More” workshops. This is a hands-on workshop to promote and teach residents how to sheet mulch their lawn for water efficiency and other environmental benefits. The workshop promotes pesticide-free, water-conserving gardens that provide habitat for wildlife, reduce solid waste, and the gardens contain 60% or more native plants. The workshop implements sustainable garden practices and homeowners can still have beautiful places for people to relax in and enjoy. The goal is to motivate attendees to promote green sustainable gardens.

Zone 7 sponsors **“Bringing Back the Native Gardens Tour”**: This is a free, self-guided tour of single-family residential home gardens and nurseries in Alameda and Contra Costa counties. The tour helps Bay Area residents learn ways to save water, reduce pesticides use, and create habitat for wildlife. In 15/16 there were a total of 5,500 registrants and 10,644 garden visits were made.

Additionally, pesticide educational materials were distributed at several outreach events listed in C.7 that Zone 7 participated in.