



ZONE 7 WATER AGENCY
FISCAL YEAR
2010-2011 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 15, 2011

ATTACHMENT B

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

Section 1 – Permittee Information

Background Information			
Permittee Name:	Zone 7 of the Alameda County Flood Control & Water Conservation District		
Population:	N/A		
NPDES Permit No.:	CAS612008		
Order Number:	R2-2009-0074		
Reporting Time Period (month/year):	July / 2010 through June / 2011		
Name of the Responsible Authority:	G.F. Duerig	Title:	General Manager
Mailing Address:	100 North Canyons Parkway		
City:	Livermore	Zip Code:	94551
		County:	Alameda
Telephone Number:	925-454-5000	Fax Number:	925-454-5726
E-mail Address:	jduerig@zone7water.com		
Name of the Designated Stormwater Management Program Contact (if different from above):	Mary Lim	Title:	Associate Water Resources Planner
Department:	Integrated Planning		
Mailing Address:	100 North Canyons Parkway		
City:	Livermore	Zip Code:	94551
		County:	Alameda
Telephone Number:	925-454-5036	Fax Number:	925-454-5726
E-mail Address:	mlim@zone7water.com		

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

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

C.2a – 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, 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. Since 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 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.

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

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

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:

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

C.2.b. ► Sidewalk/Plaza Maintenance and Pavement Washing

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

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:	

C.2.c. ► Bridge and Structure Maintenance and Graffiti Removal

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

NA	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
NA	Control of discharges from graffiti removal activities
NA	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
NA	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
NA	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
Comments:	

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

C.2.d. ► Stormwater Pump Stations

Does your municipality own stormwater pump stations: Yes No

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

Complete the following table for dry weather DO monitoring and inspection data for pump stations¹ (add more rows for additional pump stations):

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L

Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:

Summary:

Attachments:

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

Pump Station Name and Location	Date (2x/year required)	Presence of Trash (Cubic Yards)	Presence of Odor (Yes or No)	Presence of Color (Yes or No)	Presence of Turbidity (Yes or No)	Presence of Floating Hydrocarbons (Yes or No)

¹ Pump stations that pump stormwater into stormwater collection systems or infiltrate into a dry creek immediately downstream are exempt from DO monitoring.

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

C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural ² roads:		<input type="checkbox"/>	Yes
		<input checked="" type="checkbox"/>	No
If your answer is No then skip to C.2.f.			
Place an X in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. 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 type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas		
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources		
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts		
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality		
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion		
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate		
<input type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings		
Comments including listing increased maintenance in priority areas:			

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

Permittee Name: Zone 7 of the Alameda County Flood Control & 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 current 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:			
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	September 23, 2010	Need to replace worn BMPs and clean areas around storm drain inlets	Replace wattles, replace "No Dumping, Drains to Bay" signs, replace sandbags around drain, vegetate bare slopes, clean drain and install storm drain inlet in maintenance area

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

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

(For FY 10-11 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, 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. Since Zone 7 is a water and flood protection utility, its responsibility does not go beyond its own facilities. Therefore, 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.

With regard to environmental documentation for Zone 7 projects, Zone 7 utilizes the CEQA checklist as a basis to analyze water quality effects of its projects. Zone 7 incorporates the applicable mitigation measures to reduce any water quality impacts to a less than significant impact. Zone 7 does review environmental documents for development projects in the area. Where appropriate, Zone 7 provides comments on water quality impacts consistent with the MRP requirements.

C.3.b. ► Green Streets Status Report

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

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

Summary:

Please refer to the C.3 New Development and Redevelopment section of the countywide program's FY 10-11 Annual Report for a description of any activities conducted at the countywide or regional level.

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

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

C.3.c. Low Impact Development Reporting

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

- | |
|---|
| <p>(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information.</p> |
| <p>(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.</p> |
| <p>Summary:
 Zone 7 as does not have authority beyond its own facilities. No stormwater treatment systems were installed at any of Zone 7's facilities during the Fiscal Year Reporting Period.</p> |
| <p>(3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).</p> |
| <p>Summary:
 See note above</p> |

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

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

Project Name Project No.	Project Location ³ , Street Address	Name of Developer	Project Phase No. ⁴	Project Type & Description ⁵	Project Watershed ⁶	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²)	Total Replaced Impervious Surface Area (ft ²)	Total Pre- Project Impervious Surface Area ⁷ (ft ²)	Total Post- Project Impervious Surface Area ⁸ (ft ²)
Private Projects											
N/A to Zone 7											
Public Projects											
No regulated projects were approved during the Fiscal Year Reporting Period											
Comments:											

³ Include cross streets

⁴ If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

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

⁶ State the watershed(s) in which the Regulated Project is located. Optional but recommended: Also state the downstream watershed(s).

⁷ For redevelopment projects, state the pre-project impervious surface area.

⁸ For redevelopment projects, state the post-project impervious surface area.

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

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

Project Name Project No.	Application Deemed Complete Date ⁹	Application Final Approval Date ⁹	Source Control Measures ¹⁰	Site Design Measures ¹¹	Treatment Systems Approved ¹²	Operation & Maintenance Responsibility Mechanism ¹³	Hydraulic Sizing Criteria ¹⁴	Alternative Compliance Measures ^{15/16}	Alternative Certification ¹⁷	HM Controls ^{18/19}
Private Projects										
N/A to Zone 7										
Comments:										

⁹ For private projects, state project application deemed complete date and final discretionary approval date.

¹⁰ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹¹ List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

¹² List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

¹³ List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

¹⁴ See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

¹⁵ For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

¹⁶ For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

¹⁷ Note whether a third party was used to certify the project design complies with Provision C.3.d.

¹⁸ If HM control is not required, state why not.

¹⁹ If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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

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

Project Name Project No.	Is Funding Committed? ²⁰	Date Construction Scheduled to Begin ²⁰	Source Control Measures ²¹	Site Design Measures ²²	Treatment Systems Approved ²³	Operation & Maintenance Responsibility Mechanism ²⁴	Hydraulic Sizing Criteria ²⁵	Alternative Compliance Measures ^{26/27}	Alternative Certification ²⁸	HM Controls ^{29/30}
Public Projects										
No regulated projects were approved during the Fiscal Year Reporting Period										

Comments:

²⁰ For public projects, enter “Yes” or “No” under “Is Funding Committed?” and enter a date under “Date Construction Scheduled to Begin”.

²¹ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²² List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

²³ List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

²⁴ List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners’ association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

²⁵ See Provision C.3.d.i. “Numeric Sizing Criteria for Stormwater Treatment Systems” for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

²⁶ For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

²⁷ For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

²⁸ Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁹ If HM control is not required, state why not.

³⁰ If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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

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

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ³¹	Party Responsible ³² For Maintenance	Date of Inspection	Type of Inspection ³³	Type of Treatment/HM Control(s) Inspected ³⁴	Inspection Findings or Results ³⁵	Enforcement Action Taken ³⁶	Comments
No stormwater treatment systems were installed at any of Zone 7's facilities during the Fiscal Year Reporting Period									

³¹ Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

³² State the responsible operator for installed stormwater treatment systems and HM controls.

³³ State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

³⁴ State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

³⁵ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

³⁶ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

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

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

Program Highlights

Provide background information, highlights, trends, etc.

Provision C.4 is not applicable to 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, 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. Since 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.i. ► Business Inspection Plan

Do you have a Business Inspection Plan? Yes No

If No, explain:
N/A to Zone 7 (see Program Highlights above for explanation).

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

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

N/A to Zone 7 (see Program Highlights above for explanation).

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

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

N/A to Zone 7 (see Program Highlights above for explanation).

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

C.4.c.iii.(1) ► Facility Inspections

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

<input type="checkbox"/>	Permittee reports multiple discrete violations on a site as one violation.
<input type="checkbox"/>	Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected		
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: N/A to Zone 7 (see Program Highlights above for explanation).		

C.4.c.iii.(2) ► Frequency and Types/Categories of Violations Observed

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	
Potential discharge and other	
Comments: N/A to Zone 7 (see Program Highlights above for explanation).	

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

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

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

	Enforcement Action (as listed in ERP) ³⁷	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ³⁸
Level 1	N/A to Zone 7 (see Program Highlights above for explanation).		
Level 2			
Level 3			
Level 4			
Total			

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

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

Business Category ³⁹	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
N/A to Zone 7 (see Program Highlights above for explanation).		

C.4.c.iii.(4) ► Non-Filers

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

N/A to Zone 7 (see Program Highlights above for explanation).

³⁷ Agencies to list specific enforcement actions as defined in their ERPs.

³⁸ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

³⁹ List your Program's standard business categories.

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

C.4.d.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
N/A to Zone 7 (see Program Highlights above for explanation).				

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

Program Highlights

Provide background information, highlights, trends, etc.

Zone 7 is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service, 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. Since 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 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.

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

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

Contact	Description	Phone Number
Zone 7's Main office	During business hours (M-F from 8 am – 5 pm)	925-454-5000
Del Valle Water Treatment Plant	Non-business hours	925-447-6704 x 1

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

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

Description:
N/A to Zone 7 (see Program Highlights above for explanation).

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

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

Description:
 Zone 7 is part of the Alameda County Flood Control and Water Conservation District (ACFC&WCD). 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 33 miles of V-ditches and 37 miles of flood control channels. All storm drain inlets and V-ditches are located within flood control channel right-of-ways. Zone 7's facilities are inspected at least monthly throughout the year during the course of routine flood control activities. Storm drain outfall structures belonging to other agencies are visually inspected for illicit discharges.

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

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

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

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	13	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	2	15%
Discharges resolved in a timely manner (C.5.f.iii.(3))	13	100%

Comments:
 Zone 7 receives phone calls of various types and are tracked using an Excel spreadsheet. Depending upon the nature of and location the request/complaint, Zone 7 staff will either hand off responses to the appropriate agency or coordinate, as appropriate, inter-agency responses to request/complaints. In situations where there are hazardous materials spills, Zone 7 provides a supporting role, as needed, to first responders (i.e. fire department).

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

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

The two discharges that reached the storm drains and/or receiving waters included paint and raw sewage. Both discharges that were reported came from the City of Pleasanton and Dublin San Ramon Services District, respectively. These agencies contacted Zone 7 about these discharges for our information as they were in charge of the cleanup effort.

The remaining discharges reports included: graffiti (1); vegetation (8); and debris (2).

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

Section 6 – Provision C.6 Construction Site Controls

NOTE: Provision C.6 is not applicable to Zone 7. Zone 7 is a water wholesaler to the Cities of Livermore and Pleasanton, California Water Service, 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. Since 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.1.a, b, c ▶ Site/Inspection Totals		
Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (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 (C.6.e.iii.1.c)
#	#	#
Comments: NA. See NOTE above for an explanation.		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations⁴⁰	% of Total Violations⁴¹
Erosion Control		
Run-on and Run-off Control		
Sediment Control		
Active Treatment Systems		
Good Site Management		
Non Stormwater Management		
Total		100%

⁴⁰ Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

⁴¹ Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

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

C.6.e.iii.1.e ▶ Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP) ⁴²	Number Enforcement Actions Taken	% Enforcement Actions Taken ⁴³
Level 1			
Level 2			
Level 3			
Level 4			
Total			100%

C.6.e.iii.1.f, g ▶ Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)	
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)	

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

	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)		% ⁴⁴
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)		% ⁴⁵
Total number of violations for the reporting year⁴⁶		100%
Comments: NA. See NOTE above for an explanation.		

⁴² Agencies should list the specific enforcement actions as defined in their ERPs.

⁴³ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁴⁴ Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

⁴⁵ Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

⁴⁶ Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does 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 & Water Conservation District

C.6.e.iii.(2) ► Evaluation of Inspection Data

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

Description:
NA. See NOTE above for an explanation.

C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness

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

Description:
NA. See NOTE above for an explanation.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
NA. See NOTE above for an explanation.				

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

C.7.b.ii.1 ▶ Advertising Campaign

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

Summary:

Participating in the BASMAA Regional Advertising Campaign through the Program. A summary of activities is provided in Section C.7 of the Program's FY 10-11 Annual Report.

C.7.b.iii.1 ▶ Pre-Campaign Survey

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

Not required for this Annual Report.

- Summary of how the survey was implemented.
- Analysis of the survey results.
- Discussion of the outreach strategies based on the survey results.
- Discussion of planned or future advertising campaigns to influence awareness and behavior changes regarding trash/litter and pesticides.

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

N/A	Survey report attached
N/A	Reference to regional submittal:

C.7.c ▶ Media Relations

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

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

Summary:

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 10-11:

- **BASMAA Media Relations Final Report FY 10-11**

This report and any other media relations efforts conducted countywide is included within the C.7 Public Information and Outreach section of

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

Program's FY 10-11 Annual Report.

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 10-11:

No Change.

C.7.e ► Public Outreach Events

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.

Use the following table for reporting and evaluating public outreach events

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted
Clean Water Program exhibit at the Alameda County Fair (countywide event). See Clean Water Program's FY 10-11 Report.	See Clean Water Program's FY 2010/11 Report.	See Clean Water Program's FY 2010/11 Report.
Hacienda Theater Family Event July 22 and August 14, 2010. Regional reach.	Participated in Family Movie events at Hacienda Crossing Regal Cinema. Talked to dozens of families coming and going from movies.	At each event we gave away 100 sprinkler keys with messages about reducing run-off and water waste. We also gave away toothbrushes to remind kids not to waste water. We have

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		decided not to do this event again next year, since the audience is focused on other things.
Fall Home & Garden Show , Sept 31, Oct 1-2, 2010. This is a regional event held at the Alameda County Fairgrounds. Draws visitors from throughout the East Bay.	This is a huge, twice-a-year exhibitor show with hundreds of booths featuring products and services for home improvement and yard enhancement and maintenance. The audience is almost all homeowners. The messages we focus on include gardening with less pesticides and fertilizers, choosing plants that thrive without polluting chemicals, less-toxic ways to combat pests in and around the home.	This event is well attended by local residents who are genuinely interested in finding ways to improve their homes and save money. Showing them ways to do that, while reducing the negative environmental impacts homeowners often have, makes this a very good event for us. We distributed around 150 sprinkler keys, which help reduce run-off, 100 Perfect Plants lists, which show the type of plants that don't need lots of fertilizers or pesticides.
Spring Home & Garden Show , February 18-21, 2011. Alameda County Fairgrounds. This is a regional event drawing visitors from throughout the East Bay.	See above description.	See above.
Livermore Science Odyssey , March 17, 2011, Junction Ave. School. Local event that draws Livermore elementary students.	This event is an elementary school science fair attended by students and their families. We used the CWP diorama at our booth to explain the watershed and how pollution gets into the waterways.	Approximately 300 students and their family members attended the event. It is a good event to demonstrate the diorama and engage people in the connection between their daily behavior and the health of the local waterways.
Sunol Spring Wildflower Festival , April 2, 2011. Sunol Regional Wilderness. Regional event.	This event is a celebration of Spring intended to draw visitors to the Sunol Wilderness during the spring bloom. The audience was primarily families.	We interfaced with around 200 people, talking with them about pollution prevention and water-wise gardening. We also handed out Perfect Plants piece and Sprinkler keys to help reduce run-off. Although the event was well attended, we will probably not do it in the future, since it felt like a large number of the event's visitors did not live in our service area.
Earth Celebration Festival , April 16, 2011. Pleasanton Public Library. This event was citywide.	We did this event in conjunction with the City of Pleasanton. This year the event's focus was on sustainability and the booths related to transportation, recycling and other daily choices, in addition to water and other natural resource issues. Zone 7 had two booths, one with information on	We estimate attendance at about 500 people, and we interacted with around 300 people at the two booths. We did the Bee-Lieve It or Not game and the Bee-Dazzled flower pot craft, which created a good atmosphere to talk with people about pollution prevention and the negative effects of pesticide use on the bee

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	<p>Water-wise gardening and the other focused on the Clean Water Program's Bee-Lieve it Or Not game and related activities.</p>	<p>population and general health of the water ways. We gave away the Less-Toxic Recipe labels, which were a big hit. We also gave out the seed packs. At our second booth, we distributed Perfect Plants piece and the Sprinkler keys and spoke with people about ways to avoid polluting. Attendance was higher at this year's event, and we definitely plan to do it again next year.</p>
<p>Livermore Wine Fest, April 30-May 1, 2011. Downtown Livermore. The event is citywide, but draws a regional crowd.</p>	<p>We sponsored a booth at this event with one of our water retailers, California Water Service Company. The event draws thousands of visitors, many of who are there for the wine tasting. The audience is primarily adults, many in their 20s and 30s. Our message to this audience focused on water pollution prevention and the importance of good water to make great wine.</p>	<p>Since we share a booth with one of our retailers, we like doing this event, the audience is not particularly focused on information gathering. Nonetheless, it is an important event for Livermore and it does allow us to interact with a crowd that we don't tend to reach at our other events. We distributed the sprinkler keys and Perfect Plants piece, as well as the Less-Toxic Recipe labels and seed packs.</p>
<p>Dublin Pride Week – Farmer's Market Launch, May 12, 2011, Emerald Glen Park, Dublin. The event was citywide.</p>	<p>We participated at the launch of the City of Dublin's Farmer's Market. The event was very well attended, mostly by local families. Our key message was water pollution prevention and we talked about good gardening practices, too.</p>	<p>The event was attended by approximately 600 - 700 people and we spoke to 95 folks. We distributed Water-Wise gardening website flyers, Perfect Plants pieces, Sprinkler keys to reduce run-off, CWP less-toxic recipe labels, seed packs, and OWOW handouts.</p>
<p>Bay Friendly Gardening Tour and Talk, May 15, 2011. Regional event with many local participants.</p>	<p>Zone 7 participated in this year's Bay Friendly Gardening tour by making handouts available at several of the six gardens featured in our Service Area. We also gave a lunch-time talk on Water-Wise gardening at Alden Lane Nursery. The talk focused on choosing plants that don't require many pesticides or fertilizers, and why that matters to the health of our local water supply.</p>	<p>The lunch talk was attended by around 20 people. We distributed the usual good gardening materials, including the CWP less-toxic recipe labels. The day was pretty rainy, so we think that impacted attendance. Though the turnout was relatively small, it was a good group and a great forum for conveying information and showing samples of the types of plants we want people to use in their yards. We would definitely do this again next year.</p>
<p>Boy Scout Webelos Day Camp, June 15-17, 2011. Shadow Cliffs Lake, Pleasanton. Regional reach.</p>	<p>Staffed a station at this two-day event. Taught scouts about local aquatic eco-systems and wetlands and the role they</p>	<p>We reached over 200 Boy Scouts ages 9-11. Actively engaged them actively through hands-on lesson and game. This is a great</p>

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	play in the water supply. Played a game called Macro Invertebrate Mayhem to teach them about species bio diversity.	event for reaching a lot of kids over a concentrated period of time.
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C.7.f. ► Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

Please see the Program's FY 10/11 Annual Report for a summary of the Bay Friendly and the Bringing Back the Natives garden tours. This year Zone 7 made materials available at the tour's gardens that were located within our Service Area. We also did a lunch talk for the Bay Friendly Gardening tour, which is detailed in the Public Outreach Event section above.

C.7.g. ► Citizen Involvement Events

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

Event Details	Description	Evaluation of effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Number of inlets marked. • Data trends
California Coastal Clean Up , national and state-wide event with local activities at various	Assisted City of Pleasanton and City of Dublin with annual citizen cleanup efforts. Cleaned	Provided assistance with media outreach for the event. Wrote and distributed media pitch.

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creek-side locations in Pleasanton and Dublin, CA Sept. 25, 2010	along several sites in Pleasanton and Dublin. This was the first year Dublin participated.	Took photos and submitted to local papers on and online news sites. Received good coverage in local media outlets.

C.7.h. ► School-Age Children Outreach

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

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high) Please see C.7 Section of the Program's FY 10-11 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level.	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 also conducts a Schools Program of its own for students throughout Livermore, Pleasanton, Dublin and parts of San Ramon in grades K-8.	Our program includes nine different Presentations and Lesson Plans for different grade levels. Each lesson is specifically designed to meet state standards for the grade being taught and almost each one focuses on some aspect of preventing water	During the past school year Sept 2010-June 2011, Zone 7 conducted 320 classroom presentations and did five creek walks.	The Zone 7 Schools program has been growing and expanding its offerings for more than ten years. Each year we provide a teacher evaluation form as part of the leave-behind packet, and we have received positive feedback from every teacher who replies. We are currently working on a high

FY 2010-2011 Annual Report

C.7 – Public Information and Outreach

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	pollution and taking care of our watershed and water supply, as well as water conservation. All teachers are invited to sign up for these programs via email.	We reached more than 6,500 students this year.	school curricula, which we intend to introduce in the 2011-2012 school year.

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Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary

During FY 10-11, we contributed through the countywide Program to the BASMAA Regional Monitoring Coalition (RMC). In addition, we contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 10-11 Annual Report.

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Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a ▶ Adopt an Integrated Pest Management (IPM) Policy or Ordinance

Attach a copy of your individual IPM ordinance or policy. <i>(Water Board staff requested resubmittal for FY 10-11.)</i>	x	Attached	<input type="checkbox"/>	Not attached , explain below
If Not attached , explain:				
Describe mechanism for adopting/formalizing your agency's IPM ordinance or policy (e.g., department head approval, integration into SOPs, staff training: Zone 7's Board of Directors adopted Zone 7's Integrated Pest Management Policy on June 16, 2010. Pest management is contracted out to Alameda County Agriculture Department and private pest contractors. Zone 7 requires its contractors to be IPM certified or implement Zone 7's IPM. Zone 7 also requires documentation that contractors are IPM certified or evidence of IPM training.				

C.9.b ▶ Implement IPM Policy or Ordinance

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

Trends in Quantities and Types of Pesticides Used⁴⁷					
Pesticide Category and Specific Pesticide Used	Amount⁴⁸				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates					
Product or Pesticide Type A: Roundup	128 oz	5 gal			
Product or Pesticide Type B					
Pyrethroids					
Product or Pesticide Type X: Masterline Bifenthrin	0	25 oz			
Product or Pesticide Type Y: Dagnet	216 oz	30 oz			
Product or Pesticide Type Z: Suspend SC	0	1 gal			
Carbaryl	0	0			

⁴⁷ Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁴⁸ Weight or volume of the product or preferably its active ingredient, using same units for the product each year.

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

Fipronil	0	0			
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C.9.c ▶ Train Municipal Employees

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

C.9.d ▶ Require Contractors to Implement IPM

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

If yes, attach one of the following:

<input checked="" type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR
<input type="checkbox"/>	Equivalent documentation.

If **Not attached**, explain:

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

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

Summary:
During FY 10-11, we participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees.

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

C.9.f ▶ Interface with County Agricultural Commissioners			
Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>
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.h.ii ▶ Public Outreach: Point of Purchase	
Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); OR reference a report of a regional effort for public outreach in which your agency participates.	
Summary: See the C.9 Pesticides Toxicity Control section of Program's FY 10-11 Annual Report for information on point of purchase public outreach conducted countywide and regionally.	

C.9.h.vi ▶ Public Outreach: Pest Control Operators	
Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); OR reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.	
Summary: See the C.9 Pesticides Toxicity Control section of Program's FY 10-11 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.	

**Zone 7 Water Agency's
Integrated Pest Management Policy
and
IPM Contract Specifications**

ZONE 7
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO 10-34010

INTRODUCED BY DIRECTOR STEVENS
SECONDED BY DIRECTOR FIGUERS

Adoption of Zone 7's Integrated Pest Management Policy

WHEREAS, on October 19, 2009, the California Regional Water Quality Control Board, San Francisco Bay Region adopted the Municipal Regional Stormwater NPDES Permit (Order R2-2009-0074, NPDES Permit No. CAS612008), which consolidates six Phase 1 municipal stormwater NPDES permits into one permit that is regional in nature; and

WHEREAS, Zone 7 was a co-Permittee under the Alameda Countywide Clean Water Program Stormwater NPDES Permit, which has now been superseded by the Municipal Regional Stormwater NPDES permit (MRP); and

WHEREAS, Provision C.9 of the MRP requires Permittees to implement an Integrated Pest Management (IPM) policy or ordinance by July 1, 2010; and

WHEREAS, Zone 7 has an existing IPM Program that was approved in 2002 pursuant to the previous NPDES permit and as recommended by the Alameda County Board of Supervisor Resolution dated May 8, 2001; and

WHEREAS, the 2002 IPM program is being updated to reflect updated District information and to conform to the new MRP requirements;

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of Alameda County Flood Control and Water Conservation District does hereby adopt and authorize the General Manager to approve the Integrated Pest Management Policy in order to comply with Provision C.9 of the Municipal Regional Stormwater NPDES Permit.

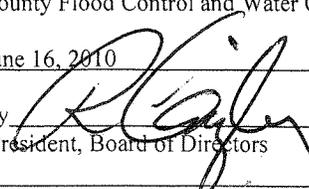
ADOPTED BY THE FOLLOWING VOTE:

AYES: DIRECTORS GRECI, FIGUERS, KALTHOFF, MOORE, PALMER, QUIGLEY, STEVENS

NOES: NONE

ABSENT: NONE

ABSTAIN: NONE

I certify that the foregoing is a correct copy of a resolution
Adopted by the Board of Directors of Zone 7 of Alameda
County Flood Control and Water Conservation District on
June 16, 2010
By 
President, Board of Directors

ZONE 7, ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

INTEGRATED PEST MANAGEMENT POLICY

Mission

Zone 7 is committed to providing a reliable supply of high quality water and an effective flood control system to the Livermore-Amador Valley. In fulfilling our present and future commitments to the community, we will develop and manage water resources in a fiscally responsible, innovative, proactive and environmentally sensitive way. Zone 7 is authorized to undertake this mission by under the District Act in Chapter 55 of the Water Code Appendix.

Introduction

Zone 7 is a water resources management agency whose principal activities include water supply, groundwater management and flood control. Zone 7 wholesales treated water to retail water agencies such as the Cities of Pleasanton and Livermore, the Dublin San Ramon Services District and the California Water Service Company and Zone 7 provides untreated water for agricultural use by other customers. Zone 7 also owns and maintains a system of 40 miles of flood control channels throughout the area.

The California Regional Water Quality Control Board, San Francisco Bay Region (Water Board), regulates discharges of stormwater into the San Francisco Bay through National Pollutant Discharge Elimination System (NPDES) Permits. The Municipal Regional Stormwater NPDES Permit, Order R2-2009-0074, NPDES Permit No. CAS612008 (MRP) was adopted by the Water Board on October 14, 2009 and became effective on March 1, 2010. Provision C.9 Pesticides Toxicity Control seeks to prevent impairment of urban streams by pesticide-related toxicity. This provision requires Permittees to, among other things, adopt and implement an Integrated Pest Management (IPM) Policy or Ordinance that minimizes reliance on pesticides that threaten water quality. The pesticides of concern include: organophosphorous pesticides (chloropyrifos, diazanon, and malathion); pyrethroids (bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin); carbamates (e.g. carbaryl); and fipronil.

Zone 7 is a co-Permittee of the MRP. As a result, Zone 7 is required to adopt and implement an IPM policy and procedures to minimize pesticide use and utilize IPM techniques in its operations. Zone 7 developed and adopted an IPM program in 2002 pursuant to the permit requirements of the Alameda Countywide Clean Water Program Municipal Stormwater NPDES Permit, the MRP's predecessor, and as recommended by the Alameda County Board of Supervisor Resolution dated May 8, 2001. This IPM program is being updated and will be adopted as a policy in order to conform to the new MRP requirements.

Scope

This policy applies to facilities maintained by Zone 7 where IPM is performed by ACPWA staff or contractors hired by Zone 7 to perform pest control services. All Zone 7 staff members who monitor or make decisions on pest control related issues will receive a copy of this policy prior to any work being done for Zone 7 on our facilities and/or right of way. All pest control contractors will receive a copy of this policy prior to any work being done for Zone 7 on our facilities and/or right of way.

Definitions

- Vector: any animal capable of transmitting the causative agent of human disease or capable of producing human discomfort or injury, including, but not limited to, mosquitoes, flies, other insects, ticks, mites, and rats.
- Pest: means any of the following that is, or is liable to become, dangerous or detrimental to the agricultural or nonagricultural environment, including but not limited to the following:
- a) any insect, predatory animal, rodent, nematode, or weed;
 - b) any terrestrial, aquatic, or aerial plant or animal, virus, fungus, bacteria, or other microorganism.
- Weed: means any plant which grows where not wanted.
- Pest Control: means the use or application of any pesticide. It also means the use of any substance, method, or device to do any of the following:
- a) control pests;
 - b) prevent, destroy, repel, mitigate, or correct any pest infestation or disorder of plants;
 - c) inhibit, regulate, stimulate, or otherwise alter plant growth by direct application to plants.
- Pesticide: any registered product that has an EPA registration number which includes any of the following:
- a) any spray adjuvant;
 - b) any substance, or mixture of substances which is intended to be used for defoliating plants, regulating plant growth, or for preventing, destroying, repelling, or mitigating any pest which may infest or be detrimental to vegetation, man, animals, or households, or be present in any agricultural or nonagricultural environmental whatsoever.

Site Pest Control Strategies

Zone 7's IPM consists of prevention including removing debris, removing mosquito-breeding areas, removing excessive vegetation selection of pest resistant vegetation and limiting irrigation of trees to the initial period after planting. Least toxic methods are considered first as we consider biological, cultural, mechanical and chemical methods to accomplish our goal. For optimal results for certain applications, we may select a combination of biological, cultural, mechanical and chemical techniques.

Zone 7 currently contracts with Alameda County Public Works Agency (ACPWA) to perform the major portion of Zone 7's pest management activities. Other County agencies and private contractors perform the remaining portion on an as-needed basis. Zone 7 performs pest management as part of its maintenance program. This service is conducted on flood control channels, water treatment sites, well fields, pipeline appurtenances, a reservoir, and at its Parkside office at 5997 Parkside Drive in Pleasanton.

Zone 7 and ACPWA use an integrated approach by adopting IPM practices that monitor for pests before taking action. We implement sanitation and exclusion practices first, treat only as necessary, and use or consider mechanical, physical and biological methods before resorting to chemical methods. Agency staff will review, adopt and use IPM tools and procedures that are safe, effective, economical and appropriate for the site at the time. A copy or sample label and MSDS for each product must be submitted for Zone 7 review before work begins. Zone 7 must approve IPM techniques before work begins. All contractors have a copy of the Zone 7 IPM, their organizational IPM and a list of pesticides to be utilized that day available at the job site at all times for review by Zone 7 staff.

Private contractors shall be IPM-certified contractors or be required to implement Zone 7's IPM by July 1, 2010. Private contractors must have a supervisor or lead person on site with appropriate pest control experience and a Pest Control Qualified Applicator license from the Pest Control Board. Private contractors must provide copies of appropriate valid licenses before beginning work and submit copies of documentation of IPM training previous to their execution of a contract with Zone 7.

For contractors that are governed by the IPM of another county agency we utilize their reports regarding location, quantity of material or other technique and the location that was treated. We require similar reports from private contractors and ensure that they work according to the Zone 7's IPM. Contractors, when appropriate, will be required to have written IPM plan for a project. Contractors must maintain records of the location, quantity and amount of material utilized for each task and copies are submitted to Zone 7 on an annual basis. When applicable, material safety data sheets are obtained for each pest control material prior to utilizing it. Access to Zone 7 facilities is controlled and coordinated with Zone 7 staff. The work of contractors is scheduled to protect employees and members of the public present in the facilities.

Flood Control Channel Program

The primary purpose of flood control facilities is to efficiently drain storm water to San Francisco Bay. In recent years we have attempted to integrate and expand many other multiple uses into facilities that were not originally designed for these purposes, such as:

- Recreation for bicyclists, hikers and joggers;
- Wildlife habitat;
- Educational opportunities for students and the public;
- Clean Water Program elements that help to clean storm water

Zone 7 provides vegetation management on approximately 40 miles of flood control facilities. The flood control facilities we maintain include various types of earth channels, concrete lined channels and silt basins.

Flood control facility vegetation management can be divided into four area types or sites:

- A. Channel access roads** provide our maintenance crews direct access to creeks and channels for all weather maintenance. Roads are typically rocked or paved. Puncture vine can be a problem near paved bike paths.
- B. In slopes and out slopes** are usually vegetated with planted and volunteer grasses. Slopes may also have concrete or rock placed to prevent soil erosion.
- C. Fence line vegetation** is trimmed back routinely to provide access for inspection and maintenance. We educate adjacent property owners not to plant invasive plant materials on fence lines and suggest possible alternative solutions.
- D. Aquatic areas** are usually wet year round. We may remove channel bottom growth that could impede storm flows. Activities below top of bank are implemented in compliance with applicable laws and regulations. In general we try to promote the growth of low growing grasses that lie down during storm water flows and remove larger vegetation that traps sediment and debris. Maintenance of a facility's design storm flow capacity is critical to flood protection. We cooperate with other agencies including:
 - Mosquito Abatement District for access to mosquito breeding sites;
 - East Bay Regional Park District for regional weed control projects;
 - Various City Fire Departments for vegetation management and U.S. Fish and Wildlife Service and California Department of Fish and Game on regional weed control projects to enhance threatened and endangered species habitat.

Water Supply Facilities Program

Zone 7 manages other facilities including two water treatment plants, four well fields, a reservoir, pipeline appurtenances and its Parkside office in Pleasanton.

Training Program

Zone 7 staff do not, as part of their scope of duties, apply or use pesticides, and are therefore not required to undergo training on IPM practices. However, as stated above, Zone 7 staff shall ensure that Zone 7's contractors are either IPM-certified or implement IPM and will require that they provide evidence of IPM training. In addition, Zone 7 staff shall keep up to date on the latest IPM practices. Alameda County Public Works Agency, Agriculture Department, Vector Control Services District and the Mosquito Abatement District provide training to their personnel in accord with their respective IPM programs. Zone 7 engages qualified private contractors to perform IPM tasks.

Public Education

Employees are trained and encouraged, to respond to citizen concerns in the field by providing appropriate answers to questions. If the information requested is beyond the scope of work of the employee, then the employees' supervisor will follow up. The Flood Control Principal Engineer or the ACPWA Weed and Pest Control Supervisor generally address the more complex questions and concerns. We provide superior customer service and promote a professional image of our staff and program.

The supervisor works with members of the public that may have pest control issues on an individual basis. This can involve pre-treatment notification or an Adopt-A-Spot approach.

Public outreach is also accomplished by giving presentations at public meetings and at professional seminars and conferences. The Alameda Countywide Clean Water Program actively provides information on IPM with handouts and website based information can be found on Zone 7's website at www.zone7water.com.

Monitoring Program

Zone 7 inspectors review site conditions before and after treatment to ensure that pest control activities conform to the Zone 7 IPM policy and are effective. We rely on the monitoring program of ACPWA and other contractors under their IPMs to determine the location and scope of necessary IPM services. For example, under the ACPWA IPM program, the Weed and Pest Control Supervisor actively monitors environmental conditions throughout the county as they implement weed control procedures. Subscription weather forecasts are used to help schedule work. Radio broadcast and online weather information is sought out to monitor changes of wind, rain and temperature. Common sense, experience and a hand held wind gauge help to prevent spray drift to non-target areas. Stage of growth in the pest life cycle is monitored and anticipated for pest control work scheduling. Site visits are used to determine the actual weed control needs before procedures are implemented. Post treatment site inspections ensure that procedures were effective and if not, then follow up procedures are implemented.

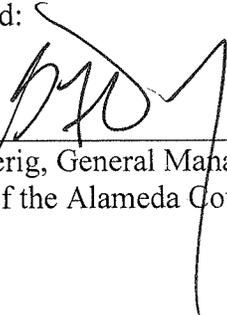
We also comply with notices to reduce vegetation within Zone 7's facilities from the fire departments of the Cities of Dublin, Livermore and Pleasanton.

Zone 7 currently monitors water quality as required by the State Water Quality Control Board pursuant to the statewide Aquatic Pesticides General Permit requirements.

Other Pest Management Practices

All rodent control work on flood control channels, water treatment sites, well fields, pipe line appurtenance sites and the Parkside office are at this time performed under contract with the Alameda County Community Development Agency, Agriculture / Weights and Measures Department. All vector control work on sites maintained by Zone 7 is, at this time, performed under contract with the Alameda County Vector Control Services District. All mosquito abatement work on sites maintained by Zone 7 is at this time contracted out to the Mosquito Abatement District. ACPWA, Agriculture Department, Vector Control and Mosquito Abatement all have IPM policies in place. Qualified private contractors may also perform the above work on an as-needed basis. Private contractors must be licensed as Commercial Pesticide Applicator and be IPM-certified or implement IPM by July 1, 2010.

Approved:

By 

G.F. Duerig, General Manager

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

Zone 7 Water Agency's IPM Contract Specifications

II. STATEMENT OF WORK

A. INTENT

It is the intent of these specifications, terms and conditions to describe the pest control services required by the County of Alameda. The County is soliciting bids from qualified pesticide application operators who are duly registered and licensed in the State of California to render quality pest control services and weed abatement to the County in order to provide a pest free environment for employees, clients, patients, inmates and visitors to County facilities whose locations are stated in Exhibit B "Bid Form" of this RFQ. Locations stated in Exhibit B may be added or deleted at any time during the term of the contract and any extensions thereof. Vendor will be notified prior to the addition or deletion of locations.

The County intends to award a three (3 year) contract (with option to renew) to the bidder selected as the lowest responsive and responsible bidder(s) meeting the County's requirements as stated in this RFQ.

It is the intent of these specifications, terms and conditions to procure the most environmentally preferable products with equivalent or higher performance and at equal or lower cost than traditional products. Specific requirements from the County's Resource Conservation & Recycling Program related to this Bid are included in the appropriate Bid sections.

B. SCOPE

The Contractor(s) shall be responsible for furnishing all materials, transportation, labor, equipment, any and all services and materials necessary to facilitate complete and comprehensive control of pests, specified and unspecified, present at various County locations.

All pest control services shall be performed in accordance with Federal, State and Local rules and regulations presently established, or those which may be established during the term of the any contract awarded by way of this RFQ. Any and all chemical products used shall be approved for their intended use, and applied in a manner consistent with regulations established by the State of California-Cal OSHA.

C. BACKGROUND

On June 16, 2010, Zone 7 Water Agency's Board of Directors unanimously passed a resolution establishing Zone 7's Integrated Pest Management (IPM)

Zone 7 Water Agency's IPM Contract Specifications

Policy on pesticide use at Zone 7 facilities. The purpose and intent of this policy is to ensure that all those who apply pesticides to property owned or managed by Zone 7, utilize integrated pest management practices to eliminate or reduce pesticide applications on Zone 7 owned property to the maximum extent feasible, and take all reasonable precautions to ensure that pest control activities do not threaten the environment or human health.

The Clean Water Program was formed jointly by public agencies in Alameda County per a Memorandum of Agreement. The member agencies include the fourteen (14) cities in Alameda County, the County of Alameda, the Alameda County Flood Control and Water Conservation District, and Zone 7 Water Agency. The member agencies jointly share in the responsibilities to carry out the requirements of the Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) Municipal Storm Water Permit (MRP), NPDES No. CAS612008, Order No. R2-2009-0074, issued by the California Regional Water Quality Control Board, San Francisco Bay Region.

D. **VENDOR QUALIFICATIONS/SPECIFIC REQUIREMENTS**

1. Vendor Minimum Qualifications
 - a. Bidder shall possess a minimum three (3) years of demonstrated successful operation for this type of service, servicing similar or equal size facilities. Experience must be reflective of references provided by vendor at time of bid submittal.
 - b. Bidder shall hold a valid and current State Operator's or Branch II Field Representative license.
 - c. All bidders shall submit copies of their State Operator's license with their bid. Failure to do so will be cause for bid rejection. All Pest Control personnel shall hold valid and current State Applicator's or Branch II Field Representative licenses for the entirety of the contract. Bidder shall provide this information for each licensed applicator at the time of award.
 - d. Bidder shall be IPM-certified and shall submit copies of such certification.

Zone 7 Water Agency's IPM Contract Specifications

- e. Throughout the term of the contract and any subsequent renewal terms the vendor shall possess current and valid permits, licenses and professional credentials necessary to supply product and perform services as specified under this RFQ.

2. Specific Requirements

- a. Under the requirements of the MRP, permittees shall implement an (IPM) program that includes the reduction, phase-out or elimination of pesticides, which cause impairment of surface waters. The pesticides of concern include: organophosphorous pesticides (chloropyrifos, diazinon, and malathion); pyrethroids (bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin); carbamates (e.g., carbaryl); and fipronil. The Contractor shall avoid applying these pesticides to the maximum extent possible. The following pesticides or toxins are restricted by Zone 7 and shall not be used, in any manner or form, to service Zone 7 facilities:

- Pesticides linked to cancer, (US EPA Class A, B and C carcinogens and chemicals known to the state of California to cause cancer under Proposition 65);
- Pesticides that cause birth defects or reproductive or developmental harm (identified by the US EPA or known to the State of California under Proposition 65 as reproductive or developmental toxins);
- Pesticides that interfere with human hormones;
- Pesticides identified by the State of California on the Groundwater Protection List (Section 13145(d), Food and Agricultural Code, Division 6. Pest Control Operations).
- Pesticides classified as Toxicity Categories I and II by US EPA;
- Carbamate or organophosphate pesticides; and
Foggers, bombs, fumigants or sprays that contain pesticides identified by the state of California as potentially hazardous to human health (CFR 6198.5)

- b. Pest Control Service shall include the personnel and all pesticides and materials in order to facilitate complete control of pests at each location listed on Exhibit B, Bid Form. Pest Control Services shall also consist of a minimum number of

Zone 7 Water Agency's IPM Contract Specifications

monthly services specified for each location and more often if deemed necessary by the person in charge of pest control at each location.

- c. Contractor(s) shall report to the individual designated for each location as listed on the bid form before performing any service so as to become aware of any recent pest problems. Contractor(s) shall provide, in advance to the County, copies of the Material Safety Data Sheets (MSDS) and container labels for all pesticides and toxins that may be used in County buildings. Contractor(s) shall also provide in advance to Zone 7, a copy of their (IPM) program. Upon request, Bidder shall be given a copy of Zone 7's IPM document. Prior to performing work, the successful Contractor(s) shall be given Zone 7's IPM document and shall perform work in accordance with Zone 7's IPM program. If, during the course of service, any building disrepair, which might contribute to pests, is noted, the site contact person shall be informed in writing, so that the disrepair may be remedied. Contractor(s) shall also report to the site contact person after each service to obtain verification that service was performed. Contractor(s) shall not leave a service report on a vacant desk and must deliver to responsible County personnel. The County will not pay for any service prior to the service being performed.
- d. Chemical products used shall be approved and used as intended and applied in a manner consistent with regulations established by the California Department of Pesticide Regulation.
- e. Responsibility: The successful bidder(s) shall be required to assume sole responsibility for the complete effort as required by this RFQ for specific locations assigned to them. The County will consider the selected Contractor(s) to be the sole point of contact with regards to contractual matters.
- f. Quality Assurance: Bidder shall submit a detailed description of their quality assurance program intended to ensure a successful pest abatement program. This shall include, but not be limited to, the frequency of quality assurance inspections and visits, standards of performance and all other acts performed to ensure a successful pest abatement program. *Please submit this plan as part of your bid response.*

Zone 7 Water Agency's IPM Contract Specifications

- g. Inspection of Buildings And Surrounding Areas: Each Contractor is required to perform a detailed evaluation of the existing structural and sanitary conditions of all the buildings and surrounding areas specified prior to submitting their bid. Any conditions that may prevent the Contractor(s) from successful completion of the services required should be noted as a part of their bid response.
- h. Contact shall be made with the individual listed at each location for permission to inspect the sites and discuss the service requirements and the amount of time required to provide thorough service. Any verbal information obtained from or statements made at the time of the site inspection that are contrary to this RFQ shall not be construed, in any way, to alter the requirements of this document. All pest control services shall be done to the satisfaction of each individual in charge of the individual County site location.
- i. Service: Contractor(s) shall provide an environment free from, but not limited to, the following pests:
- Spiders, cockroaches and beetles
 - Crickets, and other hoppers
 - Ants (all species), earwigs, sow bugs, silverfish and other crawling insects
 - Lice, mites, bed bugs, fleas and other biting insects
 - Wasps, hornets and other stinging insects nesting in the interior or exterior, up to a max. height of two (2) stories
 - Flies, moths and other flying insects
 - Weevils and other food pests
 - Mice, rats and other rodents
- j. The pest control services shall be performed in all buildings listed on Exhibit B, occupied or unoccupied, including, but not limited to, basements, crawl spaces, offices, storage areas /rooms, closets, baseboards, plumbing and heating pipes, shelves, elevators, dumb waiters and surroundings pits, walls / enclosures, kitchen, dining room, cafeteria, food preparation and storage areas, loading platforms, refuse containers and

Zone 7 Water Agency's IPM Contract Specifications

surrounding storage areas, dorms, bedrooms, cells, offices, lavatory and shower areas, hallways and lounge areas.

- k. The Contractor(s) shall perform a thorough detection program during every pest control service, including, but not limited to crack and crevice inspection and use of a functional flashlight. Following each scheduled service, the Contractor(s) shall submit a written report to the inspection site's designated individual, listing any and all areas that remain inaccessible for pest control service such as lockers, rooms, closets, etc.
- l. Should the scheduled services not be totally effective, or interrupt institutional activities, the Contractor(s) shall be required to provide necessary services at alternate times, agreeable to the County facility, at no additional cost. Complaints and unscheduled service requirements, including recall work required between scheduled service visits, shall be handled within twenty-four (24) hours after notification and will be at no additional cost to the County. It is suggested that this be handled by an individual(s) other than the regular service person, so as to not interfere or delay the scheduled service.
- m. In the event of an emergency infestation at a facility owned or operated by the County which is not specified in Exhibit B, Contractor shall be available for immediate eradication services. Contractor shall quote their hourly fee for emergency eradication services.

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

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ▶ Short-Term Trash Loading Reduction Plan

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed in developing a Short-Term Trash Loading Reduction Plan (due February 1, 2012).

Description:

See the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

C.10.a.ii ▶ Baseline Trash Load and Trash Load Reduction Tracking Method

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed to gather trash loading data and in developing a Baseline Trash Load and Trash Load Reduction Tracking Method (due February 1, 2012).

Description:

See the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of Permittees.

C.10.a.iii ▶ Minimum Full Trash Capture

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide description of actions/tasks initiated/conducted/completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014) within individual jurisdictions. Include information on Full Trash Capture Devices installed under Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership.

Description:

See the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of Permittees.

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

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

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible.

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

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)
Line J-1	Oct 2010	1 yard	Paper litter and packaging material	Freeway & neighboring businesses
Arroyo Seco	Oct 2010	5 yards	Truck tire and paper litter	Freeway & neighboring businesses
Line G-2	Oct 2010	2 yards	Paper litter	Freeway & neighboring BART parking lot

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

C.10.d ► Summary of Trash Load Reduction Actions

Provide summary of new trash load reduction actions or increased levels of implementation of existing actions that were implemented after adoption of the MRP (control measures and best management practices) including the types of actions and levels of implementation, and the total trash loads and dominant types of trash removed from each type of action.

Suggested trash load reduction actions to track and report may include:

- Anti-litter Campaigns
- Anti-litter/Dumping Enforcement Activities
- Curbside Recycling Programs
- Education and Outreach Efforts
- Free Trash Pickup/Dropoff Days
- County HHW Program Activities
- Improved Trash Bin Management
- Inspection/Maintenance of Storm Drain Outfalls
- Litter Pickup and Control
- Removal of Homeless Encampments
- Solid Waste Recycling Efforts
- Source Controls/Bans/Prohibitions
- Storm Drain Operation and Maintenance
- Storm Drain Signage/Marking
- Street Sweeping Activities
- Trash Removal from Receptacles
- Volunteer Creek Cleanups

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
See C.7g. – Citizen Involvement Events				

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

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ► Mercury Recycling Efforts

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

Refer to FY 10-11 Program Annual Report for a list of mercury collection and recycling efforts conducted countywide and regionally.

C.11.a.ii ► Mercury Collection

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

Amount collected:

Not all mercury and PCB load reduction actions were tracked using “loads removed” methods this fiscal year. In the Program’s FY 09-10 Annual Report and/or the BASMAA Regional POC Report, an initial Mercury and PCB Load Reduction Tracking Method was presented (see Provision C.11.g). Based on Water Board staff comments, a revised method will be presented in the Program’s FY 10-11 Annual Report and/or the BASMAA Regional POC Report. Based on this methodology, loads removed via the collection/recycling of mercury-containing products will be documented beginning in FY 11-12.

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

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

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

Summary

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 10-11 Annual Report and/or the BASMAA Regional POC Report.

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

Section 12 - Provision C.12 PCBs Controls

C.12.a.i.iii ► Municipal Inspectors Training

(For FY 09-10 Annual Report only) List below or attach description of results of training municipal industrial inspectors to identify, in the course of their existing inspections, PCBs or PCB-containing equipment.

Description:

In FY 09-10, inspector training materials were developed by BASMAA and provided in the FY 09-10 BASMAA Regional POC Report. A description of efforts to train municipal industrial inspectors was provided in FY 09-10 permittee and/or Program Annual Reports.

C.12.a.ii.iii ► Ongoing Training

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

Description:

See the FY 10-11 Program Annual Report for a description of training provided countywide, and report on any local training efforts, if applicable.

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

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

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

Summary

A summary of countywide Program and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 10-11 Annual Report and/or the BASMAA Regional POC Report.

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

Section 13 - Provision C.13 Copper Controls

C.13.a.i and iii ► Legal Authority: Architectural Copper

(For FY 10-11 Annual Report only) Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?

	Yes	X	No
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If **No**, explain and provide schedule for obtaining authority within 1 year:

Provision C.13 is not applicable to 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, 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. Since Zone 7 is a water and flood protection utility, its responsibility does not go beyond its own facilities. Therefore, Zone 7 does not have the legal authority over any facilities that are not Zone 7 owned.

C.13.b.i and iii ► Legal Authority: Pools, Spas, and Fountains

(For FY10-11 Annual Report only) Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?

	Yes	X	No
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If **No**, explain and provide schedule for obtaining authority within 1 year:

NA. See explanation in C.13.a.i and iii above.

C.13.c ► Vehicle Brake Pads

Reported in a separate regional report.

A summary of the countywide Program’s participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of Program’s FY 10-11 Annual Report and/or the BASMAA Regional POC Report.

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

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

Summary

NA. See explanation in C.13.a.i and iii above.

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

C.13.e ► Studies to Reduce Copper Pollutant Impact Uncertainties

Report on progress of studies being conducted countywide or regionally to reduce copper pollutant impact uncertainties. State below if information is reported in a separate regional report.

Summary

A summary of the countywide Program and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program's FY 10-11 Annual Report and/or BASMAA Regional POC Report.

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

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

C.14.a ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls

Report on progress of studies being conducted countywide or regionally to characterize the distribution and pathways of PBDEs, legacy pesticides, and selenium. State below if information is reported in a separate regional report.

Summary

A summary of the countywide Program and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 10-11 Annual Report and/or BASMAA Regional POC Report.

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

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

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

Is your agency a water purveyor?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If No , skip to C.15.b.vi.(2):				
If Yes , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.				
Comments:				

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

<p>Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:</p> <ul style="list-style-type: none"> • Promote conservation programs • Promote outreach for less toxic pest control and landscape management • Promote use of drought tolerant and native vegetation • Promote outreach messages to encourage appropriate watering/irrigation practices • Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.
Summary:

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

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ⁴⁹ (NTU)	Implemented BMPs & Corrective Actions
Hopyard 6 Well (5997 Parkside Dr., Pleasanton)	Superchlorinated Potable water	Arroyo Mocho	7/8/10	0060	200,000	3,600	0.08 mg/L (at start) and then Non-detect (ND)	7.4	0.82 @ pt. of discharge	Dechlorinate water
Hopyard 6 Well (5997 Parkside Dr., Pleasanton)	Superchlorinated Potable water	Arroyo Mocho	7/31/10	0060	200,000	6,600	ND	7.3	0.33 @ pt. of discharge	Dechlorinate water
Vineyard pipeline (Old Vineyard & Yolanda Court in Pleasanton)	Potable water	Arroyo Valle	10/19/10	0060	40,000	800	ND	8.17	2.0 – receiving water 1.53 @ pt. of discharge	Dechlorinate water
Cross Valley Pipeline (76 E. Airway Blvd., Livermore)	Potable water	Arroyo Las Positas	1/5/11	0060	36,000	600	ND	7.9	0.14 @ pt. of discharge	Dechlorinate water
Cross Valley Pipeline (76 E. Airway Blvd., Livermore)	Potable water	Arroyo Las Positas	1/6/11	0120	60,000	500	ND	7.6	0.14 @ pt. of discharge	Dechlorinate water

⁴⁹ Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

