



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

September 15, 2010

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

Subject: *Zone 7 Water Agency's Annual Deliverables Report for July 1, 2009 – June 30, 2010*

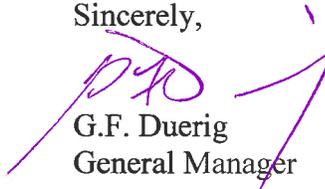
Dear Mr. Wolfe:

Enclosed please find Zone 7 of the Alameda County Flood Control and Water Conservation District's annual deliverables report for fiscal year 2009/2010 as required under the Municipal Regional Stormwater NPDES Permit (NPDES Permit No. CAS612008, Order R2-2009-0074).

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

Should you have any questions regarding this submittal, please contact me at (925) 454-5036 or via email at mlim@zone7water.com.

Sincerely,



G.F. Duerig
General Manager

cc: Selina Louie, RWQCB
Barbara Kusha, Project Manager, Morrison & Associates
Kurt Arends, Mary Lim



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY, LIVERMORE, CA 94551-9486 • PHONE (925) 454-5000

September 15, 2010

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

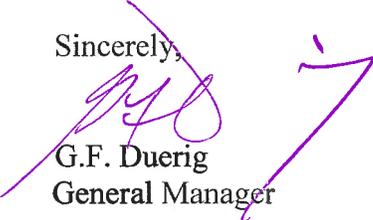
Subject: ***Clean Water Program Management Committee Representative***

Dear Mr. Wolfe:

Please be advised that Zone 7 is designating Mary Lim, Associate Water Resources Planner, as our primary representative and Elke Rank, Assistant Water Resources Planner, as our alternate representative to the Alameda Countywide Clean Water Program Management Committee. This designation is made pursuant to the Agreement to Implement the Alameda Countywide Clean Water Program.

If you have any questions, Mary Lim can be reached by telephone at (925) 454-5036 or by email at m_lim@zone7water.com. Elke Rank can be reached by telephone at (925) 454-5005 or by email at e_rank@zone7water.com.

Sincerely,


G.F. Duerig
General Manager

cc: Jim Scanlin, ACCWP
Kurt Arends, Mary Lim, Elke Rank

FY 2009-2010 Annual Report

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

Table of Contents

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

Section 1 – Permittee Information

Background Information			
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 / 2009 through June / 2010		
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:	Engineering		
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		

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary: Provisions 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
-----------	---------------------------------------------------------------------------------------

Comments:

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.**

(For FY 10-11 Annual Report only) 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

(For FY 10-11 Annual Report only) 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:

(For FY 10-11 Annual Report only) 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 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 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 corporation 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 certify that 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 8, 2009	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). **NOTE: This is NOT required in the current annual report.**

Summary:

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. [Note: this applies only to agencies planning to implement pilot green streets projects. If you are planning a pilot green streets project, summarize project status.]

Summary:

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.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:</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:</p>

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period [[== NOTE: Report only projects APPROVED in FY 2009/10 ==]]

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 and/or Replaced Impervious Surface Area ⁷ (ft ²)	Total Pre-Project Impervious Surface Area ⁸ (ft ²)	Total Post-Project Impervious Surface Area ⁹ (ft ²)
Private Projects – NA to Zone 7										
Public Projects – No regulated projects were approved during the Fiscal Year Reporting Period.										

³ Include cross streets.

⁴ If a project is being constructed in phases, use a separate row entry for each phase.

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) that the Regulated Project drains to. Optional but recommended: Also state the downstream watershed(s).

⁷ State both the total new impervious surface area and the total replaced impervious surface area, as applicable.

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

⁹ For redevelopment projects, state the post-project impervious surface area.

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period									
[[== NOTE: Report only projects APPROVED in FY 2009/10 ==]]									
Project Name Project No.	Status of Project ¹⁰	Source Control Measures ¹¹	Site Design Measures ¹²	Treatment Systems Approved ¹³	Operation & Maintenance Responsibility Mechanism ¹⁴	Hydraulic Sizing Criteria ¹⁵	Alternative Compliance Measures ^{16/17}	Alternative Certification ¹⁸	HM Controls ^{19/20}
Private Projects – NA to Zone 7									
Public Projects – No regulated projects were approved during the Fiscal Year Reporting Period.									

¹⁰ For private projects, state project application submittal date; application deemed complete date; and, final discretionary approval date. For public projects, state plans and specifications approval date.

¹¹ 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.

¹² 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.

¹³ 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.).

¹⁴ 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.

¹⁵ See Provision C.3.d. “Numeric Sizing Criteria for Stormwater Treatment Systems” for list of hydraulic sizing design criteria (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3)

¹⁶ 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.

¹⁷ 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.

¹⁸ Note whether a third party was used to certify the project design complies with Provision C.3.d.

¹⁹ If HM control is not required, state why not.

²⁰ If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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

Fill in table **below** or attach your own table including the same information. [[== Obtain information from the stormwater treatment BMP O&M inspection forms completed during O&M inspections ==]]

Facility/Site Inspected and Location	Party Responsible ²¹ For Maintenance	Date of Inspection	Type of Inspection ²²	Type of Treatment/HM Control(s) Inspected ²³	Inspection Findings or Results ²⁴	Enforcement Action Taken ²⁵	Comments

²¹ State the responsible operator for installed stormwater treatment systems and HM controls.

²² State the type of inspection (e.g., annual, follow-up, spot, etc.).

²³ 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.

²⁴ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

²⁵ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

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

C.4.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to obtain effective stormwater pollutant control on industrial sites?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
--------------------------	------------	-------------------------------------	-----------

If **No**, explain: 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.c.ii.(5) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
--------------------------	------------	-------------------------------------	-----------

If **No**, explain:
See above explanation

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

NA. See above explanation.

C.4.b.i. ► Business Inspection Plan

(For FY 09-10 Annual Report only) Do you have a Business Inspection Plan?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
--------------------------	------------	-------------------------------------	-----------

If **No**, explain:
NA. See above 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.

NA. See above 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.

NA. See above explanation.

C.4.c.iii.(1) ► Facility Inspections

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

	Number	Percent
Number of businesses inspected (if known)		
Total number of inspections conducted		
Violations issued (excluding verbal warnings)		
Sites inspected in violation		
Violations ¹ resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner		

¹ 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.

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. non-stormwater discharge)	
Potential discharge (e.g. BMPs not in place or ineffective)	

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)¹	Number of Enforcement Actions Taken	% of Enforcement Actions Taken²
Level 1			
Level 2			
Level 3			
Level 4			
Total			

Notes:

¹Agencies to list specific enforcement actions as defined in their ERPs.

²Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

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 Category¹	Actual Discharge Violations	Potential Discharge Violations

Notes:

¹ List your Program's standard business categories.

C.4.c.iii.(4) ► Non-Filers

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

--

C.4.d.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Clean Water Program Inspector Training for Businesses and Illicit Discharges	October 15, 2009	Urban runoff pollution prevention, Inspection procedures, and Illicit Discharge Detection, Elimination and follow-up.		

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

C.5.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to prohibit and control illicit discharges and escalate stricter enforcement to achieve expedient compliance? Yes No

If **No**, explain: Provision C.5 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 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.b.ii.(4) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010? Yes No

If **No**, explain:
See above explanation

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

NA. See above explanation.

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

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: See Clean Water Program FY 2009/10 Report. See BASMAA FY 2009/10 report on mobile surface cleaners program.

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 drains 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.

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))		
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))		
Discharges resolved in a timely manner (C.5.f.iii.(3))		

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

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

Section 6 – Provision C.6 Construction Site Controls

C.6.a.iii ► Legal Authority

(For FY 09-10 Annual Report only) Is your agency's legal authority adequate for C.6 compliance? Yes No

If **No**, explain: 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.b.ii.(3) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Was your Enforcement Response Plan developed and implemented by April 1, 2010? Yes No

If **No**, explain:
See above explanation

C.6.e.iii.1.a, b, c ► Site/Inspection Totals

[[= Totals are calculated at the bottom of the Construction Site Inspections Tracking Spreadsheet =]]

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)
#	#	#

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
[[= Totals and percentages are calculated at the bottom of the Construction Site Inspections Tracking Spreadsheet =]]		
BMP Category	Number of Violations¹	% of Total Violations²
Erosion Control		
Run-on and Run-off Control		
Sediment Control		
Active Treatment Systems		
Good Site Management		
Non Stormwater Management		
Total		100%

Notes:

¹Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

²Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

C.6.e.iii.1.e ▶ Construction related storm water enforcement actions			
[[= Totals and percentages are calculated at the bottom of the Construction Site Inspections Tracking Spreadsheet =]]			
	Enforcement Action (as listed in ERP)¹	Number Enforcement Actions Taken	% Enforcement Actions Taken²
	Level 1		
	Level 2		
	Level 3		
	Level 4		
	Total		100%

Notes:

¹Agencies should list the specific enforcement actions as defined in their ERPs.

²Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

C.6.e.iii.1.f, g ► Illicit Discharges		[[= Total number of illicit discharges is calculated at bottom of the Construction Site Inspections Tracking Spreadsheet. A manual count is needed to identify the number of SITES with 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		[[= The totals are calculated at bottom of the Construction Site Inspections Tracking Spreadsheet. =]]	
		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)			% ²
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)			% ³
Total number of violations for the reporting year¹			100%

Notes:

¹Total 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.

²Calculated 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.

³Calculated 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.

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:

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:

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Clean Water Program Training the Trainers Session on MRP Construction Site Inspection Requirements	March 9, 2010	Permit requirements, ERP requirements, tools for construction site inspections and tracking		

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: See BASMAA FY 2009/10 report on the BASMAA Regional Advertising Campaign.

C.7.b.iii.1 ▶ Pre-Campaign Survey

(For the FY 10-11 Annual Report only) 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:

- 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:

NA	Survey report attached
NA	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: See BASMAA FY 2009/10 report on the Regional Media Relations effort.

C.7.d ► Stormwater Point of Contact

(For FY 09-10 Annual Report only, unless changes made) Provide details of website or phone number used as the point of contact. Report on how the point of contact is publicized and maintained. If any change occurs in this contact, report in a subsequent Annual Report.

Contact Summary: See BASMAA FY 2009/10 report on the Regional point of contact. See Clean Water Program FY 2009/10 Report for details on countywide point of contact.

Zone 7's stormwater point of contact is: Mary Lim, 925-454-5036

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., Enviroscene 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 FY 2009/10 Report.	See Clean Water Program FY 2009/10 Report.
Hacienda Theater Family Events (July 11, July 21 and August 12, 2009 and January 23, 1010) Regional reach.	Participated in Family Movie events at Hacienda Crossings Regal Cinema. Talked to dozens of families over two hours each day.	Gave away, at each event, approximately 200 sprinkler keys with messages about reducing runoff. Other give-aways focused on water conservation. Based on success of last year, we were invited back for several times this year.

FY 2009-2010 Annual Report

C.7 – Public Information and Outreach

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

<p>Boy Scout Webelos Day Camp, Shadow Cliffs Lake, Pleasanton, CA (July 6-7, 2009) Regional reach.</p>	<p>Staffed a table at this two-day event at Shadow Cliffs Lake. Taught Scouts about local aquatic eco-systems and wetlands and what role they play in the water supply. Also played a game called Macro invertebrate Mayhem.</p>	<p>Reached approximately 200 Boy Scouts. Gave them each pencils. Had high level of interaction and learning with participants.</p>
<p>Day on the Glen: Sept. 19, 2009. Local reach.</p>	<p>Staffed a booth at this annual festival held at Emerald Glen Park in Dublin. We played the Plinko game with more than 300 event-goers and asked questions about watershed, pollution prevention and other related Clean Water topics.</p>	<p>Always a well-attended event. Passed out 50 Chico bags, 50 kids coloring books; also gave away approximately 400 each of Zone 7's Sprinkler keys and Perfect Plant pieces that talk about pollution and run-off prevention. Also made other Clean Water Program materials available.</p>
<p>Home & Garden Shows, Alameda County Fairgrounds (Oct 2-4, 2009 and Feb 12-15, 2010) Countywide reach.</p>	<p>We staffed a booth at the Fall and Spring Home & Garden shows at the Alameda County Fairgrounds this year. We manned the fall booth ourselves in the Fall, and partnered with the Alameda Countywide Clean Water Program to staff the Spring event.</p>	<p>Played Plinko game and asked participants questions. Gave away dozens of coloring books and Chico Bags, as well as Sprinkler Keys and Perfect Plants pieces and water conservation information. Made other Clean Water Program materials available. Always a busy event with high level of interaction with attendees.</p>
<p>Earth Day Events (April 17, 2010) Participated in events in Pleasanton and Livermore. Regional reach.</p>	<p>We participated in the Livermore Beautification Committee Earth Day festival at Robertson Park, staffing a table and handing out information. We also partnered with the City of Pleasanton and staffed a double booth at the downtown Farmers Market. We demonstrated the Stormwater Diorama and played Plinko with passers-by.</p>	<p>These are both popular events that are well attended by local residents. We have found participating in existing events on Earth Day works better than staging our own. We try to engage passers-by with games, give-aways, demonstrations, activities and other information to celebrate the day.</p>
<p>Livermore Wine Festival (May 1-2, 2010) Local reach.</p>	<p>We partnered with California Water Service Company, one of our water retailers, to staff a booth at this two-day festival in downtown Livermore. We staffed the booth on Sunday and played the Plinko game.</p>	<p>Distributed our usual give-aways and information, interfaced with approximately 300 people over the course of the entire day. Very busy event.</p>

C.7.f. ► Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary: See Clean Water Program FY 2009/10 Report.

Zone 7 staff currently serves as the chair for the Alameda Creek Watershed Council (Council). The Alameda Creek Watershed Council's mission is to protect and enhance water-related beneficial uses and resources in the Alameda Creek Watershed in order to create a healthy and sustainable watershed for the community. The Council promotes collaboration and the sharing of information among all stakeholders.

C.7.g. ► Citizen Involvement Events

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

Event Details	Description	Evaluation of effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Number of inlets marked. • Data trends
Community Stewardship Grants	See Clean Water Program FY 2009/10 Report.	See Clean Water Program FY 2009/10 Report.
Coastal Clean Up (Sept. 21, 2009) Local participation in statewide event.	Assisted City of Pleasanton with annual California Coastal Clean-up efforts.	Provided assistance with outreach to media; wrote and pitched story suggestion.

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

<p>Water-Wise Gardening Workshops (Livermore, March 27; Pleasanton, April 3; Dublin, April 24, 2010) Regional participation.</p>	<p>Assisted in planning three resident workshops on Water-Wise Gardening. Held at Libraries and public sites in three towns in Service Area. Topics included selecting plants that have low water needs and minimal pesticide and fertilizer requirements.</p>	<p>Attendance at free events was approximately 50 in Livermore and 50 in Dublin and 150 in Pleasanton. Participants received lots of information, including the Perfect Plants piece and Sprinkler Keys. Also made other Clean Water Program materials available.</p>
----------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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
<p>Provide the following information: Name Grade or level (elementary/ middle/ high)</p>	<p>Brief description, messages, methods of outreach used</p>	<p>Provide number or participants</p>	<p>Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.</p>
<p>Educational Services</p>	<p>See Clean Water Program FY 2009/10 Report.</p>		
<p>Zone 7 Water Science Schools Program</p>	<p>Our three credentialed teachers made 343 classroom presentations this year. Our program includes separate curricula for each grade level K-7 and each lesson meets several state standards while teaching important lessons about water.</p>	<p>This year we reached more than 8,200 students in Livermore, Pleasanton, Dublin and south San Ramon.</p>	<p>We also did four creek walks for elementary students in Pleasanton; participated in Earth Week celebrations, did the Science Extravaganza at Amador High School in Pleasanton and led other after-school activities.</p>
<p>Take Your Child to Work Day (April 22, 2010)</p>	<p>One of our Schools Program teachers led Zone 7 staff and their children in a one-hour lesson about the role of our watershed and groundwater basin. She also demonstrated the Stormwater Diorama.</p>	<p>This program reached 20 people.</p>	<p>High level of interaction and participant learning. Give-aways included Chico bags, pencils and print materials.</p>
<p>Water Awareness Month – May 2010</p>	<p>To mark Water Awareness Month, we created a short quiz for elementary students and a short pledge. The entries</p>	<p>60 kids in three classes</p>	<p>The quiz included key questions about watershed and pollution prevention.</p>

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

	<p>from the quiz and pledge were used in a drawing. The winning kindergarten class received ice cream for all their students, and the winning older kids class got an Edible Groundwater Model party.</p>		<p>The pledge included language about not pollution or wasting water. The accompanying lesson also covered these topics, and the groundwater party uses ice cream and other edibles to build a groundwater model. It's a lot of fun and always a well-received "treat".</p>
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary: See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

Section 9 – Provision C.9 Pesticides Toxicity Controls

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

<i>(For FY 09-10 Annual Report only)</i> Attach a copy of your individual IPM ordinance or policy.	X	Attached	<input type="checkbox"/> Not attached , explain below
If Not attached , explain:			

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 organophosphorous pesticides, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.
Summary: Zone 7's IPM Policy requires that contractors either be IPM-certified or implement Zone 7's IPM by July 1, 2010. A pesticide use reports from the Alameda County Agriculture Department, Alameda County Mosquito Abatement District, and Webb's Pest Control (private contractor) are attached. Zone 7 will begin trending the pesticide usage for future reports.

C.9.c ▶ Train Municipal Employees¹

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

Notes

¹ Pest management is done by either outside contractors, Alameda County Mosquito Abatement, or Alameda County Department of Agriculture.

C.9.d ▶ Require Contractors to Implement IPM			
Did your municipality contract with any pesticide service provider in the reporting year?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, attach one of the following:			
<input checked="" type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR		
<input 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: See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.	

C.9.f ▶ Interface with County Agricultural Commissioners	
Provide a summary of improper pesticide usage reported to County Agricultural Commissioners and follow-up actions to correct violations, if any. A separate report can be attached as your summary.	
Summary: See Clean Water Program FY 2009/10 Annual Report. No reports of improper pesticide use were reported to the County Agricultural Commissioner.	

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 description of Our Water Our World activities in the Clean Water Program FY 2009/10 Report. See BASMAA FY 2009/10 report on the Our Water Our World program.	

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 Clean Water Program FY 2009/10 Report.

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.

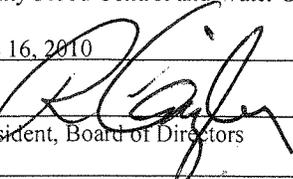
ADOPTED BY THE FOLLOWING VOTE:

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.

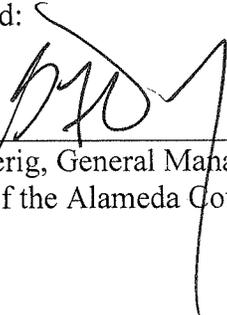
We also comply with notices to reduce vegetation within Zone 7's facilities from the fire departments of the Cities of Dublin, Livermore and Pleasanton.

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 Memorandum

Date: August 11, 2010

To: Clean Water Program, Municipal Regional Permit Deliverables,
Pollutant Reduction Plans File

From: Mary Lim, Environmental Services Program Manager

Subject: Pesticide Usage Reports for July 2009 through June 2010

Attached are the pesticide and herbicide use surveys for Zone 7 facilities and right-of-way.

1. Alameda County Department of Agriculture Report: All materials utilized in Zone 7's right-of-way or at Zone 7 facilities during the reporting period were reported in the attached report.
2. Alameda County Mosquito Abatement District: All materials utilized in Zone 7's right-of-way or at Zone 7 facilities during the reporting period, January to June 2005, were reported in the attached report.
3. Webb's Pest Control Report: Webb's Pest Control is the pesticide control contractor that Zone 7 uses for our facilities. These facilities include the Parkside office building, the water treatment plants, the well sites, the pump stations, and the pipelines. All materials utilized in Zone 7's right-of-way or at Zone 7 facilities during the reporting period were reported in the attached report.

**Zone 7 Water Agency
Pesticide Use Summary Report
(7/1/09 – 6/30/10)**

Alameda County Agriculture Department

Total number of facilities where pesticides are applied: 2

Number of facilities where pesticides are applied outdoors: 2

Schedule: Number of facilities scheduled for _____ Monthly _____ Quarterly
and 2 as-needed service.

Number of facilities where an Integrated Pest Management approach is used: 0

Pesticide	Estimated Quantity Applied per Year	Outdoor /Indoor/?	Target Pest(s)
0.1 Diaphacinone	750 lbs for both sites	Outdoors	Ground squirrels
2-4-D Amine	128 ozs.	Outdoors	General Weeds
Roundup Pro.	128 ozs.	Outdoors	General Weeds
Serfactant	65 ozs.	Outside	General Weeds

If an Integrated Pest Management approach is used, please describe: _____

Attach a representative completed application report(s).

Alameda County Mosquito Abatement District

BOARD OF TRUSTEES

John D. Hughes, President
Mansel Brown, Vice-President
Jan O. Washburn, Secretary
Dennis Bray
Edgar I. Centeno
James N. Doggett
T. David Edwards
Paul T. Garcia
Jim Golden
James Kohnen
Denny McLeod
Jim Prole
Ronald E. Quinn
William M. Spinola
Jan O. Washburn

John R. Ruemisel
District Manager
acmed@mosquitoes.org

FAX (510) 783-3903
TELEPHONE (510) 783-7744

Deliver to : Mary Linn
Fax Number : 925-454-5726
From : Sharon Mend
Date : ~~6/15~~ 11/15/2009
Time : 10:30 AM

NUMBER OF PAGES INCLUDING COVER : 5

Subject or Message : Zone 7 pesticide report
July - Dec 2009

Treatments Applied Jul to Dec 2009

P.2/5

TO: 19254545726

5107833903

JAN-15-2010 11:17A FROM:

Material	AMT	Area Treated	Applic Rate	Dilution	Employee	Start	Loc #	Habitat
Altosid Briquets	2009-Aug-04	0.952000 oz	50.00 sq ft	829.38 oz/acre	Altosid Brq	5.0 ea	Busam,John	10:45 ARROYO DEL VALLE Creek
Altosid Briquets	2009-Aug-28	2.67 oz	400.00 sq ft	290.28 oz/acre	Altosid Brq	14.0 ea	Busam,John	11:30 SHANNON CREEK Creek
Altosid Briquets	2009-Sep-24	3.24 oz	1500.00 sq ft	94.00 oz/acre	Altosid Brq	17.0 ea	Busam,John	09:30 SHANNON CREEK Creek
Altosid Briquets	2009-Sep-25	1.33 oz	70.00 sq ft	829.38 oz/acre	Altosid Brq	7.0 ea	Busam,John	10:40 ARROYO DEL VALLE Creek
Altosid Briquets total		8.19 oz	2020.000000 sq ft	176.55 oz/acre	4 times			
Altosid Liquid conc	2009-Jul-30	3.46 fl oz	3.50 acre	0.987654 fl oz/acre	WDG-ALL duplex	35.0 gal	Busam,John	11:45 SOBER LAKE Natural pond
Altosid Liquid conc	2009-Aug-04	1.98 fl oz	1.70 acre	1.16 fl oz/acre	DUPLEX 1:16	20.0 gal	Busam,John	10:15 ARROYO DEL VALLE Creek
Altosid Liquid conc	2009-Aug-13	2.47 fl oz	1.30 acre	1.90 fl oz/acre	WDG-ALL duplex	25.0 gal	Wood,Greg	11:05 ARROYO MOCHO Creek
		2.47 fl oz	1.25 acre	1.98 fl oz/acre	DUPLEX 1:16	25.0 gal	Wood,Greg	15:00 ARROYO MOCHO Creek
Altosid Liquid conc total		10.37 fl oz	7.75 acre	1.34 fl oz/acre	4 times			
Altosid Pellets	2009-Aug-28	32.00 oz	0.40 acre	80.00 oz/acre	Altosid Pellets	2.0 lb	Busam,John	14:45 ARROYO SECO Canal
Altosid Pellets	2009-Sep-17	80.00 oz	1.00 acre	80.00 oz/acre	Altosid Pellets	5.0 lb	Busam,John	10:15 ARROYO SECO Canal
Altosid Pellets	2009-Sep-21	32.00 oz	0.40 acre	80.00 oz/acre	Altosid Pellets	2.0 lb	Busam,John	13:45 ARROYO MOCHO Creek
Altosid Pellets	2009-Sep-24	64.00 oz	0.60 acre	106.67 oz/acre	Altosid Pellets	4.0 lb	Busam,John	14:30 ARROYO DEL VALLE Creek
Altosid Pellets total		208.00 oz	2.40 acre	86.67 oz/acre	4 times			
Altosid WSP	2009-Nov-06	1.23 oz	500.00 sq ft	107.33 oz/acre	Altosid WSP	5.0 ea	Busam,John	10:00 ARROYO SECO Canal
Altosid WSP total		1.23 oz	500.000000 sq ft	107.33 oz/acre	1 times			
Altosid XR Briquets	2009-Jul-27	7.73 oz	100.00 sq ft	3,368.64 oz/acre	Altosid XR	6.0 ea	Busam,John	10:30 TEHAN CREEK Creek
Altosid XR Briquets	2009-Aug-04	6.44 oz	100.00 sq ft	2,807.20 oz/acre	Altosid XR	5.0 ea	Busam,John	10:50 ARROYO DEL VALLE Creek
Altosid XR Briquets	2009-Aug-13	6.44 oz	100.00 sq ft	2,807.20 oz/acre	Altosid XR	5.0 ea	Busam,John	11:45 ARROYO DEL VALLE Creek
Altosid XR Briquets total		20.62 oz	300.000000 sq ft	2,994.34 oz/acre	3 times			
Altosid XR-G	2009-Aug-18	136.00 oz	1.00 acre	136.00 oz/acre	Altosid XR-G	8.5 lb	Busam,John	13:15 ARROYO MOCHO Creek

Treatments Applied Jul to Dec 2009

P. 3/5

TO: 19254545726

5107833903

JAN-15-2010 11:18A FROM:

Material		AMT	Area Treated	Applic Rate	Dilution		Employee	Start	Loc #	Habitat
Altosid XR-G	2009-Aug-24	32.00 oz	0.20 acre	160.00 oz/acre	Altosid XR-G	2.0 lb	Busam,John	13:00	ARROYO DEL VALLE	Creek
Altosid XR-G total		168.00 oz	1.20 acre	140.00 oz/acre		2 times				
Golden Bear Oil	2009-Jul-10	1.50 gal	0.50 acre	3.00 gal/acre	GB	1.5 gal	Busam,John	10:30	BERNAL CANAL (B22)	Canal
Golden Bear Oil	2009-Jul-21	0.046875 gal	500.00 sq ft	4.08 gal/acre	GB	0.0469 gal	Busam,John	10:55	SHANNON CREEK	Creek
Golden Bear Oil	2009-Jul-27	0.234375 gal	500.00 sq ft	20.42 gal/acre	GB	0.2344 gal	Busam,John	10:40	TEHAN CREEK	Creek
Golden Bear Oil	2009-Aug-04	2.00 gal	0.60 acre	3.33 gal/acre	GB	2.0 gal	Busam,John	14:30	BERNAL CANAL (B22)	Canal
Golden Bear Oil	2009-Aug-10	0.312500 gal	3000.00 sq ft	4.54 gal/acre	GB	0.3125 gal	Busam,John	13:15	ARROYO MOCHO	Creek
Golden Bear Oil	2009-Aug-13	0.007813 gal	50.00 sq ft	6.81 gal/acre	GB	0.0078 gal	Busam,John	11:50	ARROYO DEL VALLE	Creek
Golden Bear Oil	2009-Aug-24	0.156250 gal	200.00 sq ft	34.03 gal/acre	GB	0.1563 gal	Busam,John	13:30	ARROYO DEL VALLE	Creek
Golden Bear Oil	2009-Aug-28	0.093750 gal	400.00 sq ft	10.21 gal/acre	GB	0.0938 gal	Busam,John	11:55	SHANNON CREEK	Creek
		0.156250 gal	400.00 sq ft	17.02 gal/acre	GB	0.1563 gal	Busam,John	15:00	ARROYO SECO	Canal
Golden Bear Oil	2009-Sep-01	4.50 gal	1.50 acre	3.00 gal/acre	GB	4.5 gal	Busam,John	12:30	BERNAL CANAL (B22)	Canal
Golden Bear Oil	2009-Sep-03	2.00 gal	0.60 acre	3.33 gal/acre	GB	2.0 gal	Busam,John	12:45	BERNAL CANAL (B22)	Canal
Golden Bear Oil	2009-Sep-16	1.50 gal	0.50 acre	3.00 gal/acre	GB	1.5 gal	Busam,John	10:45	BERNAL CANAL (B22)	Canal
Golden Bear Oil	2009-Sep-21	0.093750 gal	500.00 sq ft	8.17 gal/acre	GB	0.0938 gal	Busam,John	14:00	ARROYO MOCHO	Creek
Golden Bear Oil	2009-Sep-24	0.156250 gal	2000.00 sq ft	3.40 gal/acre	GB	0.1563 gal	Busam,John	09:45	SHANNON CREEK	Creek
Golden Bear Oil	2009-Oct-19	1.00 gal	0.30 acre	3.33 gal/acre	GB	1.0 gal	Busam,John	13:45	BERNAL CANAL (B22)	Canal
Golden Bear Oil	2009-Nov-16	1.50 gal	0.50 acre	3.00 gal/acre	GB	1.5 gal	Busam,John	12:15	BERNAL CANAL (B22)	Canal
Golden Bear Oil total		15.26 gal	4.67 acre	3.26 gal/acre		16 times				
Vectobac 12AS	2009-Aug-04	0.246914 gal	1.70 acre	0.145243 gal/acre	DUPLEX 1:16	20.0 gal	Busam,John	10:15	ARROYO DEL VALLE	Creek
Vectobac 12AS	2009-Aug-13	0.308642 gal	1.25 acre	0.246914 gal/acre	DUPLEX 1:16	25.0 gal	Wood,Greg	15:00	ARROYO MOCHO	Creek
Vectobac 12AS total		0.555556 gal	2.95 acre	0.188324 gal/acre		2 times				

Treatments Applied Jul to Dec 2009

P. 4/5

TO: 19254545726

5107833903

JAN-15-2010 11:18A FROM:

Material		AMT	Area Treated	Applic Rate	Dilution		Employee	Start	Loc #	Habitat
Vectobac G	2009-Jul-16	4.00 lb	0.30 acre	13.33 lb/acre	Vectobac G	4.0 lb	Busam,John	11:45	ARROYO MOCHO	Creek
Vectobac G	2009-Jul-21	4.00 lb	0.30 acre	13.33 lb/acre	Vectobac G	4.0 lb	Busam,John	10:50	SHANNON CREEK	Creek
Vectobac G	2009-Aug-04	10.00 lb	0.70 acre	14.29 lb/acre	Vectobac G	10.0 lb	Busam,John	15:00	BERNAL CANAL (B22)	Canal
Vectobac G	2009-Aug-10	15.00 lb	1.00 acre	15.00 lb/acre	Vectobac G	15.0 lb	Busam,John	12:15	ARROYO MOCHO	Creek
Vectobac G	2009-Aug-11	4.00 lb	0.40 acre	10.00 lb/acre	Vectobac G	4.0 lb	Busam,John	13:45	ARROYO MOCHO	Creek
Vectobac G	2009-Aug-13	8.00 lb	0.50 acre	16.00 lb/acre	Vectobac G	8.0 lb	Busam,John	11:15	ARROYO DEL VALLE	Creek
Vectobac G	2009-Aug-18	8.00 lb	0.50 acre	16.00 lb/acre	Vectobac G	8.0 lb	Busam,John	13:45	ARROYO MOCHO	Creek
Vectobac G	2009-Aug-25	5.00 lb	0.40 acre	12.50 lb/acre	Vectobac G	5.0 lb	Busam,John	14:45	ARROYO DEL VALLE	Creek
Vectobac G	2009-Aug-28	2.50 lb	0.20 acre	12.50 lb/acre	Vectobac G	2.5 lb	Busam,John	11:50	SHANNON CREEK	Creek
Vectobac G	2009-Sep-14	10.00 lb	1.00 acre	10.00 lb/acre	Vectobac G	10.0 lb	Busam,John	12:30	ARROYO MOCHO	Creek
Vectobac G	2009-Sep-16	15.00 lb	1.00 acre	15.00 lb/acre	Vectobac G	15.0 lb	Busam,John	10:15	BERNAL CANAL (B22)	Canal
Vectobac G	2009-Sep-25	2.50 lb	0.20 acre	12.50 lb/acre	Vectobac G	2.5 lb	Busam,John	10:30	ARROYO DEL VALLE	Creek
Vectobac G	2009-Nov-23	5.00 lb	0.50 acre	10.00 lb/acre	Vectobac G	5.0 lb	Busam,John	11:30	SHANNON CREEK	Creek
Vectobac G total		93.00 lb	7.00 acre	13.29 lb/acre	13 times					
Vectolex CG Biologic	2009-Jul-16	4.00 lb	0.30 acre	13.33 lb/acre	Vectolex CG	4.0 lb	Busam,John	12:00	ARROYO MOCHO	Creek
Vectolex CG Biologic	2009-Jul-21	6.00 lb	0.50 acre	12.00 lb/acre	Vectolex CG	6.0 lb	Busam,John	10:45	SHANNON CREEK	Creek
Vectolex CG Biologic	2009-Jul-27	0.625000 lb	300.00 sq ft	90.75 lb/acre	Vectolex CG	0.625 lb	Busam,John	10:35	TEHAN CREEK	Creek
Vectolex CG Biologic	2009-Aug-04	10.00 lb	0.70 acre	14.29 lb/acre	Vectolex CG	10.0 lb	Busam,John	15:15	BERNAL CANAL (B22)	Canal
Vectolex CG Biologic	2009-Aug-10	15.00 lb	1.00 acre	15.00 lb/acre	Vectolex CG	15.0 lb	Busam,John	12:45	ARROYO MOCHO	Creek
Vectolex CG Biologic	2009-Aug-11	4.00 lb	0.40 acre	10.00 lb/acre	Vectolex CG	4.0 lb	Busam,John	14:00	ARROYO MOCHO	Creek
Vectolex CG Biologic	2009-Aug-13	8.00 lb	0.60 acre	13.33 lb/acre	Vectolex CG	8.0 lb	Busam,John	11:30	ARROYO DEL VALLE	Creek

Treatments Applied Jul to Dec 2009

Material		AMT	Area Treated	Applic Rate	Dilution		Employee	Start	Loc #	Habitat
Vectolex CG Biologic	2009-Aug-18	8.00 lb	0.50 acre	16.00 lb/acre	Vectolex CG	8.0 lb	Busam,John	14:30	ARROYO MOCHO	Creek
Vectolex CG Biologic	2009-Aug-24	3.00 lb	0.20 acre	15.00 lb/acre	Vectolex CG	3.0 lb	Busam,John	13:15	ARROYO DEL VALLE	Creek
Vectolex CG Biologic	2009-Aug-25	5.00 lb	0.40 acre	12.50 lb/acre	Vectolex CG	5.0 lb	Busam,John	15:00	ARROYO DEL VALLE	Creek
Vectolex CG Biologic	2009-Aug-28	6.00 lb	0.40 acre	15.00 lb/acre	Vectolex CG	6.0 lb	Busam,John	11:40	SHANNON CREEK	Creek
		4.00 lb	0.40 acre	10.00 lb/acre	Vectolex CG	4.0 lb	Busam,John	14:30	ARROYO SECO	Canal
Vectolex CG Biologic	2009-Sep-03	9.00 lb	0.70 acre	12.86 lb/acre	Vectolex CG	9.0 lb	Busam,John	12:30	BERNAL CANAL (B22)	Canal
Vectolex CG Biologic	2009-Sep-14	10.00 lb	1.00 acre	10.00 lb/acre	Vectolex CG	10.0 lb	Busam,John	13:15	ARROYO MOCHO	Creek
Vectolex CG Biologic	2009-Sep-16	23.00 lb	1.50 acre	15.33 lb/acre	Vectolex CG	23.0 lb	Busam,John	10:30	BERNAL CANAL (B22)	Canal
Vectolex CG Biologic	2009-Sep-17	3.00 lb	0.20 acre	15.00 lb/acre	Vectolex CG	3.0 lb	Busam,John	10:30	ARROYO SECO	Canal
Vectolex CG Biologic	2009-Sep-25	2.50 lb	0.20 acre	12.50 lb/acre	Vectolex CG	2.5 lb	Busam,John	10:35	ARROYO DEL VALLE	Creek
Vectolex CG Biologic total		121.13 lb	9.01 acre	13.45 lb/acre		17 times				
Vectolex WDG	2009-Jul-30	3.46 lb	3.50 acre	0.987654 lb/acre	WDG-ALL duplex	35.0 gal	Busam,John	11:45	SOBER LAKE	Natural pond
Vectolex WDG	2009-Aug-13	2.47 lb	1.30 acre	1.90 lb/acre	WDG-ALL duplex	25.0 gal	Wood,Greg	11:05	ARROYO MOCHO	Creek
Vectolex WDG total		5.93 lb	4.80 acre	1.23 lb/acre		2 times				

P. 5/5

TO: 19254545726

5107833903

JAN-15-2010 11:19A FROM:

Mary Lim
Zone 7 Water Agency
5997 Parkside Dr
Pleasanton, CA 94588

REC'D JUL 9 2010

July 7, 2010

Dear Mary Lim,

Enclosed is the report for treatments applied to the mosquito breeding sources in Zone 7 for the period of January through June 2010. If you have any questions please call Sharon Mead at (510)783-7744.

Sincerely,
Sharon Mead

Systems Specialist
Alameda County Mosquito Abatement District
23187 Connecticut St
Hayward, CA 94545
Phone (510)783-7744
Fax (510)783-3903

Applications January to June 2010

Alameda County Mosquito Abatement District
23187 Connecticut St Hayward, CA 94545

Material		AMT	Area Treated	Applic Rate	Dilution		Employee	Start	Loc #	Habitat
Altosid Briquets	2010-Mar-16	1.52 oz	400.00 sq ft	165.88 oz/acre	Altosid Brq	8.0 ea	Busam,John	14:00	ARROYO DEL VALLE	Creek
Altosid Briquets	2010-Jun-28	3.81 oz	2000.00 sq ft	82.94 oz/acre	Altosid Brq	20.0 ea	Busam,John	15:00	SHANNON CREEK	Creek
Altosid Briquets	2010-Jun-29	3.81 oz	1000.00 sq ft	165.88 oz/acre	Altosid Brq	20.0 ea	Busam,John	10:30	SHANNON CREEK	Creek
Altosid Briquets total		9.14 oz	3400.000000 sq ft	117.09 oz/acre		3 times				
Altosid Pellets	2010-Mar-10	48.00 oz	0.17 acre	282.35 oz/acre	Altosid Pellets	3.0 lb	Busam,John	14:15	TEHAN CREEK	Creek
Altosid Pellets	2010-Mar-16	56.00 oz	0.50 acre	112.00 oz/acre	Altosid Pellets	3.5 lb	Busam,John	13:00	ARROYO DEL VALLE	Creek
Altosid Pellets	2010-May-04	5.00 oz	40.00 sq ft	5,445.00 oz/acre	Altosid Pellets	0.3125 lb	Busam,John	11:05	ARROYO DEL VALLE	Creek
Altosid Pellets total		109.00 oz	0.670918 acre	162.46 oz/acre		3 times				
Altosid XR Briquets	2010-May-04	6.44 oz	200.00 sq ft	1,403.60 oz/acre	Altosid XR	5.0 ea	Busam,John	11:00	ARROYO DEL VALLE	Creek
Altosid XR Briquets total		6.44 oz	200.000000 sq ft	1,403.60 oz/acre		1 times				
Golden Bear Oil	2010-Mar-10	0.156250 gal	900.00 sq ft	7.56 gal/acre	GB	0.1563 gal	Busam,John	14:20	TEHAN CREEK	Creek
Golden Bear Oil	2010-Mar-16	0.187500 gal	2000.00 sq ft	4.08 gal/acre	GB	0.1875 gal	Busam,John	14:15	ARROYO DEL VALLE	Creek
Golden Bear Oil	2010-Mar-17	3.00 gal	1.00 acre	3.00 gal/acre	GB	3.0 gal	Busam,John	13:30	ARROYO DEL VALLE	Creek
Golden Bear Oil	2010-May-04	0.023438 gal	50.00 sq ft	20.42 gal/acre	GB	0.0234 gal	Busam,John	11:10	ARROYO DEL VALLE	Creek
Golden Bear Oil	2010-May-10	1.00 gal	0.30 acre	3.33 gal/acre	GB	1.0 gal	Busam,John	10:30	BERNAL CANAL (B22)	Canal
Golden Bear Oil	2010-May-26	0.007813 gal	100.00 sq ft	3.40 gal/acre	GB	0.0078 gal	Cardenas,Miguel	11:55	ARROYO SECO	Canal
Golden Bear Oil	2010-Jun-09	0.156250 gal	2000.00 sq ft	3.40 gal/acre	GB	0.1563 gal	Busam,John	13:40	ARROYO SECO	Canal
Golden Bear Oil	2010-Jun-10	3.00 gal	1.00 acre	3.00 gal/acre	GB	3.0 gal	Busam,John	10:45	BERNAL CANAL (B22)	Canal
Golden Bear Oil	2010-Jun-28	0.171875 gal	2000.00 sq ft	3.74 gal/acre	GB	0.1719 gal	Busam,John	15:05	SHANNON CREEK	Creek
Golden Bear Oil total		7.70 gal	2.46 acre	3.13 gal/acre		9 times				
Vectobac 12AS	2010-Mar-11	0.246914 gal	2.00 acre	0.123457 gal/acre	Duplex-12AS-WDG	20.0 gal	Busam,John	14:30	SOBER LAKE	Natural pond
Vectobac 12AS total		0.246914 gal	2.00 acre	0.123457 gal/acre		1 times				

Applications January to June 2010

Material		AMT	Area Treated	Applic Rate	Dilution		Employee	Start	Loc #	Habitat
Vectobac G	2010-Jan-06	5.00 lb	0.50 acre	10.00 lb/acre	Vectobac G	5.0 lb	Busam,John	11:45	ARROYO DEL VALLE	Creek
Vectobac G	2010-Feb-01	20.00 lb	1.20 acre	16.67 lb/acre	Vectobac G	20.0 lb	Busam,John	14:15	MOBILEHOME POND	Creek
Vectobac G	2010-Mar-15	10.00 lb	0.70 acre	14.29 lb/acre	Vectobac G	10.0 lb	Busam,John	14:30	ARROYO DEL VALLE	Creek
Vectobac G	2010-Mar-16	5.00 lb	0.30 acre	16.67 lb/acre	Vectobac G	5.0 lb	Busam,John	13:30	ARROYO DEL VALLE	Creek
Vectobac G	2010-Apr-21	4.00 lb	1.00 acre	4.00 lb/acre	Duplex-Gr Bs-Bt	8.0 lb	Gay,Joe	09:30	ARROYO MOCHO	Creek
Vectobac G	2010-Apr-26	3.50 lb	0.50 acre	7.00 lb/acre	Duplex-Gr Bs-Bt	7.0 lb	Gay,Joe	10:30	ARROYO SECO	Canal
		0.500000 lb	0.10 acre	5.00 lb/acre	Duplex-Gr Bs-Bt	1.0 lb	Gay,Joe	13:00	ARROYO SECO	Canal
Vectobac G	2010-May-13	9.00 lb	1.00 acre	9.00 lb/acre	Vectobac G	9.0 lb	Cardenas,Miguel	11:20	SHANNON CREEK	Creek
Vectobac G	2010-May-18	20.00 lb	2.00 acre	10.00 lb/acre	Vectobac G	20.0 lb	Cardenas,Miguel	10:40	BERNAL CANAL (B22)	Canal
Vectobac G	2010-May-24	4.00 lb	0.40 acre	10.00 lb/acre	Vectobac G	4.0 lb	Cardenas,Miguel	11:00	ARROYO MOCHO	Creek
Vectobac G	2010-May-25	1.00 lb	0.10 acre	10.00 lb/acre	Vectobac G	1.0 lb	Cardenas,Miguel	11:15	ARROYO MOCHO	Creek
Vectobac G	2010-May-26	2.00 lb	0.20 acre	10.00 lb/acre	Vectobac G	2.0 lb	Cardenas,Miguel	11:15	ARROYO SECO	Canal
Vectobac G	2010-Jun-08	2.50 lb	0.40 acre	6.25 lb/acre	Duplex-Gr Bs-Bt	5.0 lb	Busam,John	13:45	ARROYO DEL VALLE	Creek
Vectobac G	2010-Jun-09	4.00 lb	0.50 acre	8.00 lb/acre	Duplex-Gr Bs-Bt	8.0 lb	Busam,John	13:15	ARROYO SECO	Canal
Vectobac G	2010-Jun-29	4.00 lb	0.50 acre	8.00 lb/acre	Duplex-Gr Bs-Bt	8.0 lb	Busam,John	09:30	SHANNON CREEK	Creek
Vectobac G total		94.50 lb	9.40 acre	10.05 lb/acre	15 times					
Vectolex CG Biologic	2010-Jan-06	5.00 lb	0.50 acre	10.00 lb/acre	Vectolex CG	5.0 lb	Busam,John	12:00	ARROYO DEL VALLE	Creek
Vectolex CG Biologic	2010-Feb-01	18.00 lb	1.50 acre	12.00 lb/acre	Vectolex CG	18.0 lb	Busam,John	14:30	MOBILEHOME POND	Creek
Vectolex CG Biologic	2010-Mar-15	10.00 lb	0.70 acre	14.29 lb/acre	Vectolex CG	10.0 lb	Busam,John	14:45	ARROYO DEL VALLE	Creek
Vectolex CG Biologic	2010-Mar-16	5.00 lb	0.30 acre	16.67 lb/acre	Vectolex CG	5.0 lb	Busam,John	13:45	ARROYO DEL VALLE	Creek
Vectolex CG Biologic	2010-Apr-21	4.00 lb	1.00 acre	4.00 lb/acre	Duplex-Gr Bs-Bt	8.0 lb	Gay,Joe	09:30	ARROYO MOCHO	Creek

Applications January to June 2010

Material		AMT	Area Treated	Applic Rate	Dilution		Employee	Start	Loc #	Habitat
Vectolex CG Biologic	2010-Apr-26	3.50 lb	0.50 acre	7.00 lb/acre	Duplex-Gr Bs-Bt	7.0 lb	Gay,Joe	10:30	ARROYO SECO	Canal
		0.500000 lb	0.10 acre	5.00 lb/acre	Duplex-Gr Bs-Bt	1.0 lb	Gay,Joe	13:00	ARROYO SECO	Canal
Vectolex CG Biologic	2010-May-13	9.00 lb	1.00 acre	9.00 lb/acre	Vectolex CG	9.0 lb	Cardenas,Miguel	11:50	SHANNON CREEK	Creek
Vectolex CG Biologic	2010-May-18	20.00 lb	2.00 acre	10.00 lb/acre	Vectolex CG	20.0 lb	Cardenas,Miguel	11:30	BERNAL CANAL (B22)	Canal
Vectolex CG Biologic	2010-May-24	4.00 lb	0.40 acre	10.00 lb/acre	Vectolex CG	4.0 lb	Cardenas,Miguel	11:30	ARROYO MOCHO	Creek
Vectolex CG Biologic	2010-May-25	1.00 lb	0.10 acre	10.00 lb/acre	Vectolex CG	1.0 lb	Cardenas,Miguel	11:30	ARROYO MOCHO	Creek
Vectolex CG Biologic	2010-May-26	2.00 lb	0.20 acre	10.00 lb/acre	Vectolex CG	2.0 lb	Cardenas,Miguel	11:35	ARROYO SECO	Canal
Vectolex CG Biologic	2010-Jun-08	2.50 lb	0.40 acre	6.25 lb/acre	Duplex-Gr Bs-Bt	5.0 lb	Busam,John	13:45	ARROYO DEL VALLE	Creek
Vectolex CG Biologic	2010-Jun-09	4.00 lb	0.50 acre	8.00 lb/acre	Duplex-Gr Bs-Bt	8.0 lb	Busam,John	13:15	ARROYO SECO	Canal
Vectolex CG Biologic	2010-Jun-29	4.00 lb	0.50 acre	8.00 lb/acre	Duplex-Gr Bs-Bt	8.0 lb	Busam,John	09:30	SHANNON CREEK	Creek
Vectolex CG Biologic total		92.50 lb	9.70 acre	9.54 lb/acre	15 times					
Vectolex WDG	2010-Mar-11	1.98 lb	2.00 acre	0.987654 lb/acre	Duplex-12AS-WDG	20.0 gal	Busam,John	14:30	SOBER LAKE	Natural pond
Vectolex WDG total		1.98 lb	2.00 acre	0.987654 lb/acre	1 times					
Vectomax CG	2010-Apr-19	2.00 lb	0.25 acre	8.00 lb/acre	VectoMAX CG	2.0 lb	Gay,Joe	13:15	ARROYO MOCHO	Creek
Vectomax CG	2010-Apr-23	4.00 lb	0.30 acre	13.33 lb/acre	VectoMAX CG	4.0 lb	Busam,John	14:45	ARROYO DEL VALLE	Creek
Vectomax CG total		6.00 lb	0.550000 acre	10.91 lb/acre	2 times					

**Zone 7 Water Agency
Pesticide Use Summary Report
(7/1/09 – 6/30/10)**

Total number of facilities where pesticides are applied: 3
 Number of facilities where pesticides are applied outdoors: 3
 Schedule: Number of facilities scheduled for 3 Monthly Quarterly
 and as-needed service.
 Number of facilities where an Integrated Pest Management approach is used:

Pesticide	Estimated Quantity Applied per Year	Outdoor /Indoor/?	Target Pest(s)
DRAGNET	108 ounces	out doors	General

If an Integrated Pest Management approach is used, please describe: *Inspection,
 Spray of pesticide only when needed, only
 when the benefits outweighs the risk.*

Attach a representative completed application report(s).

See attached

WEBB'S PEST CONTROL
License #PR 1091

Zone 7 Water Agency
Chemical Report

7/1/09-6/30/10

Date	Site	Problem	Chemical	Amount
7/1/09-6/30/10	Patterson pass	Spiders ants	Dragnet	36 ounces
7/1/09-6/30/10	Del Valle	Spiders ants	Dragnet	36 ounces
7/1/09-6/30/10	Parkside Dr	Spiders	Dragnet	36 ounces



EXHIBIT A
DEFINITION OF SERVICES

1. Contractor shall provide Pest Control Services in accordance with the "Specific Requirements" section within County's Request for Quotation No.900502 (RFQ) and "Description of Services" section of Contractor's Proposal dated October 10, 2008. Said sections are incorporated herein by reference and attached hereto as Exhibit A-1,
 - a. In the event of any conflict (direct or indirect) among any of the above-referenced exhibits, the more stringent requirements providing the County with the broader scope of services shall have precedence, such that the scope of work described in the RFQ sections and the scope of work described in Contractor's proposal shall both be performed to the greatest extent feasible.
 - b. County and Contractor agree that the following Supplemental Provisions are incorporated into this Agreement, and that the Additional Provisions shall take precedence over inconsistent or conflicting provisions contained in the above-referenced exhibits.
2. Contractor project team will consist of the following Key Personnel and subcontractors, as applicable during the contract term:

James E. Webb
Owner/Operator

Phone: 510-451-9064
Fax: 510-842-8787
E-Mail: webbsppest@comcast.net

Contractor agrees that it shall not transfer or reassign the individuals identified above as Key Personnel or substitute subcontractors without the express written agreement of County, which agreement shall not be unreasonably withheld. Should such individual or individuals in the employ of Contractor no longer be employed by Contractor during the term of this Agreement, Contractor shall make a good faith effort to present to County an individual with greater or equal qualifications as a replacement subject to County's approval, which approval shall not be unreasonably withheld.

3. The approval of County to a requested change shall not release Contractor from its obligations under this Agreement.
4. Under the requirements of the Countywide Clean Water Program, Contractor shall implement an (IPM) program that includes the reduction, phase-out or elimination of pesticides, which cause impairment of surface waters. The following pesticides or toxins are restricted by the County and shall not be used, in any manner or form, to service County facilities:
 - Pendimethalin, **and**
 - Trifluralin

5. Pest Control Services shall consist of a minimum number of monthly services specified for each location and more often if deemed necessary by the person in charge of pest control at each location.
6. Contractor 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 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 shall also provide in advance to the County, a copy of their (IPM) program. Prior to performing work, the Contractor shall be given the IPM documents for each department and shall perform work for a department in accordance with that department'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 shall report to the site contact person after each service to obtain verification that service was performed. Contractor 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.
7. 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.
8. 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
9. The pest control services shall be performed in all buildings listed on Exhibit B-Revised, 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 surrounding storage areas, dorms, bedrooms, cells, offices, lavatory and shower areas, hallways and lounge areas.
10. The Contractor 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 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.

11. Should the scheduled services not be totally effective, or interrupt institutional activities, the Contractor 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.
12. In the event of an emergency infestation at a facility owned or operated by the County which is not specified in Exhibit B-Revised, Contractor shall be available for immediate eradication services.

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:

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 develop a Baseline Trash Load and Trash Load Reduction Tracking Method (due February 1, 2012).

Description:

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

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide a 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:

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. Provide required photo documentation.

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)

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

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).

Zone 7 recycles items that contain mercury from its facilities, including batteries and fluorescent bulbs.

The three Alameda County HHW facilities recycled 34,458 pounds of mercury containing fluorescent tube and compact lamps during FY 2008/2009. The total for 2009/2010 will not be available until late September.

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:

The methodologies for estimating the mass of mercury collected through mercury collection and recycling efforts are currently in development and are due to the Water Board by September 15, 2010 (See POC and Monitoring Regional Supplement). Therefore, estimates could not be made for FY 09-10. Estimates of the mass of mercury collected through recycling efforts during FY 10-11 will be provided with the FY 10-11 Annual Report (see FY 10-11 BASMAA Regional POC Report).

- 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: See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

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: See Clean Water Program FY 2009/10 Report. [DESCRIBE DISTRIBUTION/USE OF THE INSPECTING INDUSTRIAL/COMMERCIAL FACILITIES FOR POLLUTANTS OF CONCERN POWERPOINT PRESENTATION AND THE POLLUTANTS OF CONCERN STORMWATER INSPECTOR'S GUIDANCE MANUAL.]

Provision C.12.a 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 inspections on facilities not owned by Zone 7. This is the responsibility of the local municipality.

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:

- 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: See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

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		No
--	-----	--	----

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

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		No
--	-----	--	----

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

C.13.c ► Vehicle Brake Pads

See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

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

List below or attach annotated lists or tables from your Industrial and Commercial Site Controls portion of this report, that highlight copper reduction results among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed. For FY09-10 describe below or highlight in the C.4 Evaluation portion (if provided) of this report the steps taken to revise your program to meet new data tracking and reporting requirements for implementation levels described in C.13.d.ii.

Summary

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

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

Summary: See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

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

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

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

Summary: See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

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? **Yes** **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. Describe program highlights below. For FY 09-10 only, describe steps taken to revise your program to meet new monitoring, data tracking and reporting requirements.

Summary:

Discharges from Zone 7's production wells and transmission system are conditionally exempted under Provision C.15 of the Municipal Regional Permit. Prior to the Municipal Regional Permit, Zone 7 already had standard operating procedures (SOPs) in place to address planned and unplanned discharges that occur at its facilities. These SOPs included water quality monitoring requirements consistent with the Surface Water Treatment Facilities NPDES Permit. These SOPs were updated to reflect the new Municipal Regional Permit requirements.

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

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

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

Summary:

N/A

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 ¹ (NTU)	Implemented BMPs & Corrective Actions
Hopyard Rd. & Parkside Dr., Pleasanton	Potable Water	Arroyo Mocho	9/2/09	1145 to 1220	5,250	216,000	Non Detect	7.5	3.5	Dechlorinate water
5997 Parkside Dr., Pleasanton (Zone 7's Hopyard Well No. 6)	Potable Water	Arroyo Mocho	9/30/09	1015 to 1315	150,000	Up to 720,000	Non Detect	Range: 7.5 – 8.1	Range: 4.3 – 7.2	Dechlorinate water
2655 El Charro Road, Pleasanton (Zone 7's new Chain of Lakes Wells)	Potable water	Cope Lake ²	10/1/09	1030 to 1130	9,000	216,000	Non Detect	No sample	No sample	Dechlorinate water and throttle valves to reduce erosion
2655 El Charro Road, Pleasanton (Zone 7's new Chain of Lakes Wells)	Potable Water	Cope Lake ²	11/19/09	0930 to 1530	180,000	720,000	Non Detect	No sample	No sample	Dechlorinate water
2655 El Charro Road, Pleasanton (Zone 7's new Chain of Lakes Wells)	Potable Water	Cope Lake ²	12/29/09	0920 to 1120	60,000	720,000	@ 0920: 0.1 @ 1020: 0.06 @ 1120: 0.15	8.2	1.0	Dechlorinate

Notes:

¹ Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

² Cope Lake is owned by Zone 7. Prior to Zone 7's ownership, Cope Lake was used as a sedimentation basin for the gravel mining operations in the area.

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual ² (mg/L)	pH ² (standard units)	Discharge Turbidity (Visual) ²	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁴	Inspector arrival time	Responding crew arrival time
5215 Stoneridge Dr., Pleasanton (Zone 7's Groundwater Demineralization Facility)	Potable Water	Arroyo Mocho	11/29/09	0315 to 0337	44,000	2,880,000	No sample	No sample	No sample	Pump came online and closed a check valve, which stopped the overflow	12 hours later	Contacted Selina Louie at 1528 on 11/30/09 via email	N/A	N/A

Notes:

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

2. Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges report all of the data collected.

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