



Contra Costa County
Flood Control
& Water Conservation District

Julia R. Bueren,
ex officio Chief Engineer

R. Mitch Avalon,
Deputy Chief Engineer

August 12, 2010

Ms. Pamela Creedon, Executive Officer
California Regional Water Quality Control Board
Central Valley Region
11020 Sun Center Drive, #200
Rancho Cordova, California 95670-6114

Dear Ms. Creedon:

Enclosed is the 2009-2010 Annual Report for the Contra Costa County Flood Control & Water Conservation District, which is required by and in accordance with Provision C.16 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board and by Provision D.5 in NPDES Permit Number CA0083313 issued by the Central Valley Regional Water Quality Control Board. Please note that the provisions of the permit are numerated in the Annual Report in accordance with NPDES Permit Number CAS612008 (issued by the San Francisco Bay Regional Water Quality Control Board), which has more stringent requirements than NPDES Permit Number CA0083313 (issued by the Central Valley Regional Water Quality Control Board).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who 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 possibly of fine and imprisonment for knowing violations.

Should you have any questions, please contact Rich Lierly, County Watershed Program Manager, at (925) 313-2348 or at rlrier@pw.cccounty.us.

Sincerely,

A handwritten signature in blue ink, appearing to read "Julia R. Bueren", is written over the typed name.

Julia R. Bueren
Chief Engineer

JB:RL:lz

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Enclosure

c: Mitch Avalon, Administration
Rich Lierly, County Watershed Program
Paul Detjens, Flood Control

"Accredited by the American Public Works Association"

255 Glacier Drive • Martinez, CA 94553-4825

TEL: (925) 313-2000 • FAX: (925) 313-2333

www.cccpublicworks.org



Contra Costa County
Flood Control
& Water Conservation District

Julia R. Bueren,
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R. Mitch Avalon,
Deputy Chief Engineer

August 12, 2010

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

Dear Mr. Wolfe:

Enclosed is the 2009-2010 Annual Report for the Contra Costa County Flood Control & Water Conservation District, which is required by and in accordance with Provision C.16 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board and by Provision D.5 in NPDES Permit Number CA0083313 issued by the Central Valley Regional Water Quality Control Board.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who 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 possibly of fine and imprisonment for knowing violations.

Should you have any questions, please contact Rich Lierly, County Watershed Program Manager, at (925) 313-2348 or at rlie@pw.cccounty.us.

Sincerely,



Julia R. Bueren
Chief Engineer

JB:RL:lz

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FY 2009-2010 Annual Report

Permittee Name: Contra Costa County Flood Control and Water Conservation District

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Permittee Name: Contra Costa County Flood Control and Water Conservation District

Section 1 – Permittee Information

Background Information					
Permittee Name:	Contra Costa County Flood Control and Water Conservation District				
Population:	N/A				
NPDES Permit No.:	CAS612008 (San Francisco Bay Permit) and CA0083313 (Central Valley Permit)				
Order Number:	R2-2009-0074 (San Francisco Bay Permit) and 5-00-120 (Central Valley Permit)				
Reporting Time Period (month/year):	July 1, 2009 through June 30, 2010				
Name of the Responsible Authority:	Julia Bueren			Title:	Chief Engineer
Mailing Address:	255 Glacier Drive				
City:	Martinez	Zip Code:	94553	County:	Contra Costa
Telephone Number:	(925) 313-2000		Fax Number:	(925) 313-2333	
E-mail Address:	jbuere@pw.cccounty.us				
Name of the Designated Stormwater Management Program Contact (if different from above):	Rich Lierly			Title:	Senior Civil Engineer/ Stormwater Manager
Department:	Public Works				
Mailing Address:	255 Glacier Drive				
City:	Martinez	Zip Code:	94553	County:	Contra Costa
Telephone Number:	925-313-2348		Fax Number:	925-313-2333	
E-mail Address:	rlie@pw.cccounty.us				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary: (See the Fiscal Year 2009 – 2010 Group Program Annual Report for a summary of activities conducted countywide and regionally on our behalf.)

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:

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:

Permittee Name: Contra Costa County Flood Control and Water Conservation District

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:

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: Contra Costa County Flood Control and Water Conservation District

(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)

Permittee Name: Contra Costa County Flood Control and 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: Contra Costa County Flood Control and Water Conservation District

C.2.f. ► Corporation Yard BMP Implementation			
Place an X in the boxes below that apply to your corporation yard(s):			
<input checked="" 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 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 type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment		
<input 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 type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method		
<input 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 type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments: The Flood Control District's maintenance activities are handled by the unincorporated County's Public Works Department's Maintenance Division which is located at the County's main corporation yard.			
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

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

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

(For FY 10-11 Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Summary:

C.3.b. ► Green Streets Status Report

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

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

Summary:

N/A; the Flood Control District does not develop, own or maintain streets, and is not proposing a green street project.

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

(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information
(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.
<p>Summary:</p> <p>N/A; The Flood Control District has installed no C.3 treatment facilities and is not responsible for oversight of C.3 treatment facilities installed by others.</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>Summary:</p> <p>N/A; The Flood Control District has installed no C.3 treatment facilities and is not responsible for oversight of C.3 treatment facilities installed by others.</p>

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

Project Name Project No.	Project Location ³ , Street Address	Name of Developer	Project Phase No. ⁴	Project Type & Description ⁵	Project Watershed ⁶	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New 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										
N/A ¹⁰										
Public Projects										
N/A ¹¹										

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.

¹⁰ The Flood Control District has not been responsible for oversight of any private projects regulated under C.3.b.v.(1).

¹¹ The Flood Control District has not been the proponent of any public projects regulated under C.3.b.v.(1).

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

Project Name Project No.	Status of Project ¹²	Source Control Measures ¹³	Site Design Measures ¹⁴	Treatment Systems Approved ¹⁵	Operation & Maintenance Responsibility Mechanism ¹⁶	Hydraulic Sizing Criteria ¹⁷	Alternative Compliance Measures ^{18/19}	Alternative Certification ²⁰	HM Controls ^{21/22}
Private Projects									
N/A ²³									
Public Projects									
N/A ²⁴									

¹² 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.

¹³ 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.

¹⁴ 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.

¹⁵ 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.).

¹⁶ 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.

¹⁷ 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)

¹⁸ 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.

¹⁹ 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.

²⁰ Note whether a third party was used to certify the project design complies with Provision C.3.d.

²¹ If HM control is not required, state why not.

²² 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).

²³ The Flood Control District has not been responsible for oversight of any private projects regulated under C.3.b.v.(1).

²⁴ The Flood Control District has not been the proponent of any public projects regulated under C.3.b.v.(1).

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.

Facility/Site Inspected and Location	Party Responsible ²⁵ For Maintenance	Date of Inspection	Type of Inspection ²⁶	Type of Treatment/HM Control(s) Inspected ²⁷	Inspection Findings or Results ²⁸	Enforcement Action Taken ²⁹	Comments
N/A ³⁰							

²⁵ State the responsible operator for installed stormwater treatment systems and HM controls.

²⁶ State the type of inspection (e.g., annual, follow-up, spot, etc.).

²⁷ 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.

²⁸ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

²⁹ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

³⁰ The Flood Control District is not responsible for verification of operation and maintenance of any installed Stormwater Treatment Systems.

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? Yes No

If No, explain: NA

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? Yes No

If No, explain:

The FCD shares unincorporated County's Enforcement Response Plan although as a non-population based entity it does not have authority to enforce the County's 1014 Stormwater Ordinance within cities but it does within unincorporated areas of the County via the County Watershed Program.

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.

(See the Fiscal Year 2009 – 2010 Group Program Annual Report for a summary of highlights and activities conducted countywide and regionally on our behalf.)

C.4.b.i. ► Business Inspection Plan

(For FY 09-10 Annual Report only) Do you have a Business Inspection Plan? Yes No

If No, explain: NA

Permittee Name: Contra Costa County Flood Control and Water Conservation District

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	

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	

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 Taken ²
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 Category ¹	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

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: Contra Costa County Flood Control and Water Conservation District does not have jurisdiction over areas that drain to our water conveyance facilities. Since illicit discharges almost always originate on the land that is drained into our facilities and not from within our facilities, we are powerless (with the exception of unincorporated County areas) to control these illicit discharges. However, we have begun a process to improve the coordination with the incorporated Cities and hopeful this process will be further refined in the coming year.

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:
The FCD shares unincorporated County's Enforcement Response Plan although as a non-population based entity it does not have authority to enforce the County's 1014 Stormwater Ordinance within cities but it does within unincorporated areas of the County via the County Watershed Program.

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.

(See the Fiscal Year 2009 – 2010 Group Program Annual Report for a summary of highlights and activities conducted countywide and regionally on our behalf.)
The County's Complaint Tracking System, MaintStar was originally designed to handle work order requests by our Public Works Maintenance Division. It is a rigid system that cannot be adapted to add fields for reporting the additional parameters under C.5 such as whether the discharge made it to the stormdrain system or receiving waterway and the number of days it took to abate. This detail needs to be described in the narrative portion of the work order and this data needs to be manually retrieved into a spreadsheet for computation for the Annual Report. In addition, historically illicit discharge investigation requests have not been separated between the unincorporated County and the Flood Control District. A significant amount of time was spent during this Annual Reporting period in re-running queries in order to supply separate data for the County and the Flood Control District when historically the same information was provided in our previous Annual Reports on behalf of both co-Permittees.
The FCD continues to struggle with source control of illicit discharges as a non-population-based entity. The flood control channels through numerous cities such as Concord, Walnut Creek and Brentwood among others, continue to receive illegal dumping from adjacent municipalities that the FCD has no control over nor ordinance to abate since the County's Code 1014 Stormwater Management and Discharge Control as well as the Code 1010 Drainage Ordinance only applies to unincorporated areas of the County while most of the FCD property is in the lower

watersheds are within urban areas/cities. On a complaint by complaint basis, FCD tries to seek cooperation from neighboring city's code and law enforcement to stop the illegal dumping at the source. This Permit Year 2010/11, FCD hopes to take a more active role in working through the Municipal Operations Committee of the Contra Costa Clean Water Program to come to an agreement with the cities in this matter as well as jurisdictional issues over cleaning-up homeless encampments under bridges located within FCD facilities that have historically been handled by the above roadway owner (the cities).

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
See Attachment C.5.c.iii .		

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:
As a non-population based entity, this section does not apply to the FCD.

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:
NA. MS4 Collection System Screening requirement is based on one screening point per square mile of Permittee's urban and suburban jurisdiction area. As a non-population entity, the FCD does not own this category of land use. See Section C.5.e.iii for information about the County's collection system screening program which will incorporate screening points within the County's flood control facilities.

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))	14	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	12	85.7%
Discharges resolved in a timely manner (C.5.f.iii.(3))	6	42.9%

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

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

See Attachment [C.5.f.iii.\(4\) FCD](#).

Over 64% of the illicit discharges responded to by the FCD this Permit Year 2009/10 involved illegal dumping of non-hazardous waste, followed by approximately 7% for each of the following types of complaints: sediment/erosion, construction debris, landscaping debris, trash from dumpsters and other types of unspecified discharges.

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:

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:

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

Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (C.6.e.iii.1.c)
0	0	0

Permittee Name: Contra Costa County Flood Control and Water Conservation District

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations ¹	% of Total Violations ²
Erosion Control	0	N/A
Run-on and Run-off Control	0	N/A
Sediment Control	0	N/A
Active Treatment Systems	0	N/A
Good Site Management	0	N/A
Non Stormwater Management	0	N/A
Total	0³¹	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			
	Enforcement Action (as listed in ERP) ¹	Number Enforcement Actions Taken	% Enforcement Actions Taken ²
Level 1		0	N/A
Level 2		0	N/A
Level 3		0	N/A
Level 4		0	N/A
Total		0³²	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.

³¹ The Flood Control District did not undertake or oversee any construction projects or other projects requiring stormwater inspection within its jurisdiction.

³² The Flood Control District did not issue any construction related stormwater enforcement actions.

C.6.e.iii.1.f, g ► Illicit Discharges	
	Number
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)	0 ³³
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)	0 ³⁴

C.6.e.iii.1.h, i ► Violation Correction Times		
	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	0	N/A% ²
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	N/A% ³
Total number of violations for the reporting year¹	0 ³⁵	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.).
<p>Description: The Flood Control District did not undertake any projects during Permit Year 2009-2010 that required stormwater inspections. No evaluation of data is possible.</p>

³³ No construction-related illicit discharges occurred within the Flood Control District's jurisdiction.

³⁴ No sites were responsible for construction-related illicit discharges within the Flood Control District's jurisdiction.

³⁵ No construction-related illicit discharges violations occurred within the Flood Control District's jurisdiction.

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:

The Flood Control District did not undertake any projects during Permit Year 2009-2010 that required stormwater inspections. However, the Flood Control District shares inspection staff with (unincorporated) Contra Costa County, so insight may be gleaned from Contra Costa County’s Annual Report.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Contra Costa Construction Stormwater Management Compliance Workshop	March 18, 2010	1. Municipal Regional Permit – What You Need to Know 2. Understanding the New State General Construction Permit 3. Regional Board Construction Inspection Program 4. SWPPPs, State and Municipal Requirements, Compliance 5. Sediment, Erosion Control and Construction Site Pollution Prevention 6. Design & Construction of Post-Construction Low Impact Development Stormwater Facilities – Lessons Learned	4 ³⁶	100%

³⁶ This only includes Flood Control District Inspectors directly responsible for SWPPP (and other stormwater) inspections. Four additional Flood Control District staff members with duties related to construction site stormwater inspections also attended this training.

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 the Fiscal Year 2009 – 2010 Group Program Annual Report for a summary of advertising efforts conducted countywide and regionally on our behalf.)

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:

<input type="checkbox"/>	Survey report attached
<input checked="" type="checkbox"/>	Reference to regional submittal: See the Fiscal Year 2009 – 2010 Group Program Annual Report for a summary of survey results.

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 the Fiscal Year 2009 – 2010 Group Program Annual Report for a summary of media relation efforts conducted countywide and regionally on our behalf.)

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 the Fiscal Year 2009 – 2010 Group Program Annual Report for a discussion on BASMAA and the Program’s development and communication of Stormwater Point of Contacts.)

C.7.e ► Public Outreach Events

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

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., 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
We contributed to and provided staff for a Coastal Cleanup Day (9/19/2010) event in Pinole Creek. This was a local event.	Event was a creek cleanup. Before the cleanup began, and throughout the event as opportunities arose, volunteers were educated about nonpoint source pollution with an emphasis on trash and plastics.	<ul style="list-style-type: none"> • 55 participants • 1 mile of creek cleaned • 2 30-yard dumpsters filled

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C.7 – Public Information and Outreach

Permittee Name: Contra Costa County Flood Control and Water Conservation District

<p>Sacramento Boat Show (May 12 – May 14, 2010) This was a local event</p>	<p>Staffed a booth at a boat show to distribute materials and outreach to boaters about environmentally friendly boating with the goal of limiting NPS discharges from recreational vessels.</p>	<ul style="list-style-type: none"> • Eight volunteers assisted in booth • 238 Boater kits distributed
<p>Pacific Powerboat Expo and Strictly Sailing Boat Show (April 16 – April 18 2010)</p>	<p>Staffed a booth at a boat show to distribute materials and outreach to boaters about environmentally friendly boating with the goal of limiting NPS discharges from recreational vessels.</p>	<ul style="list-style-type: none"> • Fifteen volunteers assisted in booth • Approximately 150 Boater kits distributed
<p>Bring Back the Native Gardens Tour, May 2, 2010. This event was regional in scope.</p>	<p>See the FY 2009 – 2010 Group Program Annual Report for details on this public outreach event.</p>	<p>See the FY 2009 – 2010 Group Program Annual Report for a detailed evaluation on the effectiveness of this public outreach event.</p>
<p>“Kids Creek Fest” held at Fernandez Park in the City of Pinole on May 8, 2010. Though local, this event was funded by all municipalities.</p>	<p>See the FY 2009 – 2010 Group Program Annual Report for details on this public outreach event.</p>	<p>See the FY 2009 – 2010 Group Program Annual Report for a detailed evaluation on the effectiveness of this public outreach event.</p>
<p>Ohlone Elementary Carnival on May 23, 2010. This was a local event.</p>	<p>Used watershed model to educate students and parents about the MS4 system and stormwater pollution with an emphasis on litter and reusable grocery bags and water bottles.</p>	<ul style="list-style-type: none"> • Estimated attendance of 150 children and parents. • Distributed 75 reusable grocery bags
<p>Brentwood Farmer’s Market, June 2010</p>	<p>Provided reusable grocery bags and other materials to local creek group, Friends of Marsh Creek for their booth at a farmer’s market.</p>	<ul style="list-style-type: none"> • Estimated 60 tote bags, 75 “green carwashing” shammies, 75 native seed packets distributed.

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 the Fiscal Year 2009 – 2010 Group Program Annual Report for a detailed report on BASMAA and the Program’s encouragement and support of various Watershed Stewardship Collaborative efforts.)

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
We contributed to and provided staff for a Coastal Cleanup Day (9/19/2010) event in Pinole Creek. This was a local event.	Creek cleanup.	55 participants 1 mile of creek cleaned 2 30-yard dumpsters filled

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C.7 – Public Information and Outreach

Permittee Name: Contra Costa County Flood Control and Water Conservation District

We contributed to Citizen Monitoring conducted countywide. For details on all citizen monitoring events, locations, and dates, see the Contra Costa Monitoring and Assessment Program (CCMAP) report provided in the Fiscal Year 2009 -2010 Group Program Annual Report.	See Group Program Annual Report	See Group Program Annual Report
Earthday Creek Cleanup Site 1: Wildcat Creek (23rd Street and Brookside Avenue, San Pablo)	Creek cleanup/trash assessment	
Site 2: Wildcat Creek (Verde Elementary, 2000 Giaramita St, Richmond)	Creek cleanup/trash assessment	
Site 3: Wildcat Creek (East Bay Regional Park - Wildcat Staging Area off Richmond Pkwy)	Creek cleanup/trash assessment	
We helped fund "Kids Creek Fest" held at Fernandez Park in the City of Pinole on May 8, 2010. See the FY 2009 – 2010 Group Program Annual Report for details on this citizen involvement event.	See Group Program Annual Report	See Group Program Annual Report

C.7.h. ► School-Age Children Outreach

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

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number of participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback, etc.). Attach evaluation summary if applicable.

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C.7 – Public Information and Outreach

Permittee Name: Contra Costa County Flood Control and Water Conservation District

<p>We supported “Kids for the Bay.” See the FY 2009 – 2010 Group Program Annual Report for a detailed review of this outreach.</p>	<p>See Group Program Annual Report</p>	<p>See Group Program Annual Report</p>	<p>See Group Program Annual Report</p>
<p>We supported Mr. Funnelhead. For a detailed summary of all Mr. Funnelhead school assemblies, city/county fair events, and TV advertisements conducted countywide, please refer to the Fiscal Year 2009 – 2010 Group Program Annual Report.</p>	<p>See Group Program Annual Report</p>	<p>See Group Program Annual Report</p>	<p>See Group Program Annual Report</p>
<p>We support “Newspapers in Education.” For a detailed description of this program for school-age children, see the FY 2009 – 2010 Group Program Annual Report.</p>	<p>See Group Program Annual Report</p>	<p>See Group Program Annual Report</p>	<p>See Group Program Annual Report</p>
<p>We helped fund “Kids Creek Fest” held at Fernandez Park in the City of Pinole on May 8, 2010. See the FY 2009 – 2010 Group Program Annual Report for details on this citizen involvement event.</p>	<p>See Group Program Annual Report</p>	<p>See Group Program Annual Report</p>	<p>See Group Program Annual Report</p>

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary: (See the Fiscal Year 2009 – 2010 Group Program Annual Report for a detailed report on BASMAA and the Program’s Water Quality Monitoring programs and activities.)

Section 9 – Provision C.9 Pesticides Toxicity Controls

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

(For FY 09-10 Annual Report only) Attach a copy of your individual IPM ordinance or policy.	<input checked="" type="checkbox"/>	Attached	<input type="checkbox"/>	Not attached , explain below
If Not attached , explain: See attachment C.9.a.iii (1) for copy of IPM Policy; see attachment C.9.a.iii (2) for copy of IPM Posting Policy; see attachment C.9.a.iii (3) for copy of Notice of Pesticide Application.				

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: Contra Costa County Flood Control and Water Conservation District reports a 20% reduction in the pounds of pesticide active ingredient used in Permit Year 09/10 compared to Permit Year 08/09. See attachment C.9.b.ii .

C.9.c ▶ Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	4
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	4
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100%

Permittee Name: Contra Costa County Flood Control and Water Conservation District

C.9.d ▶ Require Contractors to Implement IPM			
Did your municipality contract with any pesticide service provider in the reporting year?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If yes, attach one of the following:			
<input 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: CCCFC&WCD has 4 IPM trained vegetative management specialists that provide service for the District.			

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: <i>(See the Fiscal Year 2009 – 2010 Group Program Annual Report for a detailed summary of all countywide and regional efforts conducted on our behalf to track and participate in relevant pesticide regulatory processes.)</i>

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: <i>(See the Fiscal Year 2009 – 2010 Group Program Annual Report for a report on improper pesticide usage countywide as reported to the Contra Costa County Agricultural Commissioner.)</i>

C.9.h.ii ► Public Outreach: Point of Purchase

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

Summary: *(See the Fiscal Year 2009 – 2010 Group Program Annual Report for a report on point of purchase public outreach conducted countywide and regionally on our behalf.)*

C.9.h.vi ► Public Outreach: Pest Control Operators

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

Summary: *(See the Fiscal Year 2009 – 2010 Group Program Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.)*

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:

Permittee Name: Contra Costa County Flood Control and Water Conservation District

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

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

(MRP Provision C.10.b.ii. states: "The list [i.e., of selected Hot Spots] should include photo documentation (one photo per 50 feet) and initial assessment results for the proposed hot spots". Consistent with this language, most all Contra Costa Permittees submitted the photo documentation and initial assessment information to the San Francisco Bay Water Board with their proposed Hot Spot list on July 1, 2010. The July 1, 2010 submittal compiled all Contra Costa Permittees' information.)

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)
<i>(Please review the Contra Costa Clean Water Program's July 1, 2010 Trash Hot Spot submittal, made on our behalf, to the Executive Officer, which provides our Trash Hot Spot list, cleanup date, volume of material removed, dominant types of trash, and where possible, trash sources.)</i>				

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
Removal of Homeless Encampments	1992/Annually	As needed.	782 cu yds	Solid Waste & Large Debris
Limiting Public Access to Flood Control Channels using Exclusionary Fencing	1960's	Installed along sections of flood control property not appropriate for public access.	Not readily quantifiable.	Not readily discernible.
Trash Bin Management and Trash Removal from Receptacles ³⁷	1993	Adjacent to trails, etc.	Information not provided.	Information not provided.
Litter Pickup and Control ³⁸	1993	Adjacent to trails, etc.	Information not provided.	Information not provided.

³⁷ Trash removal from creeks around publicly accessible locations is undertaken by the East Bay Regional Park District under its License Agreement with the Flood Control District.

³⁸ Litter pickup and control at publicly accessible locations is undertaken by the East Bay Regional Park District under its License Agreement with the Flood Control District.

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C.10 – Trash Load Reduction

Permittee Name: Contra Costa County Flood Control and Water Conservation District

Flood Control Ditch Cleaning	Ongoing	Each Fall Prior to Rainy Season	3329.1 cu yds	Litter, organic debris, sediment
Flood Control Concrete Channel Cleaning	Ongoing	Each Fall Prior to Rainy Season	1141 cu yds	Debris
Trash Rack Maintenance	Ongoing	As Needed and Each Fall Prior to Rainy Season	168.7 cu yds	Litter & Debris
Drainage Maintenance	Ongoing	Fall & Winter	2206.6 cu yds	Garbage

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).

(See the Fiscal Year 2009 – 2010 Group Program Annual Report for a list of mercury collection and recycling efforts conducted countywide and regionally on our behalf.)

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: *(See the Fiscal Year 2009 – 2010 Group Program Annual Report for an estimate of the mass of mercury collected countywide and regionally on our behalf.)*

- 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 the Fiscal Year 2009 – 2010 Group Program Annual Report for a detailed summary of all ongoing and planned mercury investigations, monitoring studies and projects planned countywide and regionally on our behalf.)

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 the Fiscal Year 2009 – 2010 Group Program Annual Report for a summary of activities to provide, on our behalf, training for our municipal inspectors to identify PCBs and PCB containing equipment.)*

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 the Fiscal Year 2009 – 2010 Group Program Annual Report for a detailed summary of all PCB investigations, monitoring studies and projects planned countywide and regionally on our behalf.)*

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 the FY 2009 – 2010 Group Program Annual Report for a detailed reporting on our contributions towards and participation in efforts to reduce copper discharges from automobile brake pads to surface waters via urban runoff.)

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 FY 09-10 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: NA

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

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

Summary (See the Fiscal Year 2009 – 2010 Group Program Annual Report on planned studies on our behalf to reduce copper pollutant impact uncertainties.)

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

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

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

Summary: *(See the Fiscal Year 2009 – 2010 Group Program Annual Report on control programs for PBDEs, legacy pesticides and selenium controls to be conducted countywide and regionally on our behalf.)*

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:

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:
See the FY 2009 – 2010 Group Program Annual Report for a detailed review of measures and policies we promote and implement that minimize runoff and pollutant loading from excess irrigation.

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
N/A ³⁹										

Notes:

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

³⁹ The Flood Control District is not a Water Purveyor.

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 ³	Inspector arrival time	Responding crew arrival time
N/A ⁴⁰														

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.
3. 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.

⁴⁰ The Flood Control District is not a Water Purveyor.

**COUNTY WATERSHED PROGRAM NPDES STORMWATER COMPLIANCE
CLEAN WATER CONTACTS**
Updated June 2010

County Watershed Program

	(925) 313-2030	Fax (925) 229-7955
Voicemail	(925) 646-1444#	
Rich Lierly, Floodplain/Watershed Management	(925) 313-2348	
David Swartz, C.3/New Construction Controls	(925) 313-2281	
Charmaine Bernard, Muni Ops., Illicit Discharges	(925) 313-2236	
Dan Jordan, Keep the Delta Clean	(925) 313-2023	
Nancy Stein, IPM, Grants, Creek Groups	(925) 313-2285	
Alex Anaya, Erosion, Inspections	(925) 313-2312	
Catherine Windham, FCD Admin Support	(925) 313-2270	

Contra Costa Clean Water Program

Tom Daziel	(925) 313-2392	Jamison Crosby	(925) 313-2364
Elisa Wilfong	(925) 313-2164		
Kristen Hardeman	(925) 313-2360	Michelle McCauley	(925) 313-2194

Contra Costa Watershed Forum

John Kopchik	(925) 335-1227	jkopc@cd.cccounty.us
Abby Fateman	(925) 335-1272	afate@cd.cccounty.us
Michelle Leubke	(925) 335-1315	mlueb@cd.cccounty.us

Contra Costa Resource Conservation District

	(925) 672-6522 x 4	
Carol Arnold, Executive Director		carol.arnold@ca.nacdnet.net
Heidi Petty, Watershed Coordinator		heidi.petty@ca.nacdnet.net
Mary Grimm, Watershed Coordinator		mary.grim@ca.nacdnet.net

Keep the Delta Clean

		<u>Cell</u>
Vivian Matuk, CA Coastal Commission & CA Dept. of Boating & Waterways	(415) 904-6905	(916) 798-0476

Blankinship & Associates

Mike Blankinship	(530) 757-0941	
Steven Buckholdt		(530) 574-6316

Bringing Back the Native Gardens

Kathy Kramer	(510) 236-9558	(510) 761-7048
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Finger Art & Design

John Finger	(925) 945-0612	(925) 451-9505
jfinger@fingerart.com	Terry Byrnes	tb@fingerart.com
JB Services	(925) 370-1775	jbsevs@aol.com

the Watershed Program

Juliana Gonzalez	(510) 665-3597	(510) 759-1203
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Universal Building Services

Bill Godfrey	(510) 527-1078	(510) 715-0391
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Urban Creeks Council SMPL

Mike Vulkman	(510) 540-6669	
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Other County Departments

Agriculture	(925) 646-5250	
Animal Control	(925) 335-8300	
Application & Permit Center (APC)	(925) 335-1360	
Bob Hendry, PWD Permits	(925) 335-1375	
Assessor's Office	(925) 313-7400	
Building Inspection, Code Enforcement	(925) 335-1111	
Kevin Dumford	(925) 335-1158	
Gary Faria, Grading	(925) 335-1123	
Cindy Stein	(925) 335-1114	
Tim Honea, Martinez	(925) 335-1128	
Joe Losado, El Sob, E. Rich Hts, Rollingwd	(925) 335-1141	Cell (925) 383-8303
Tyrone Ridgle, Tara Hills	(925) 335-1147	
Mark Alford, Montalvin Manor	(925) 335-1391	
Conservation & Development	(925) 335-1290	
Current Planning, General Info, Tree Permits	(925) 335-1381	
Roberta Goulart, Delta/Water Issues	(925) 335-1226	
Deidra Dingman, Solid Waste	(925) 335-1224	
Lorna Thompson, Solid Waste	(925) 335-1231	
Matthew Kelly, Solid Waste	(925) 335-1238	
County Counsel	(925) 335-1800	
David Schmidt	(925) 335-1803	
Christine Chestnut	(925) 335-1812	
Pam Zaid	(925) 335-1817	
Abigail Dye	(925) 335-1819	
District Attorney, Lon Wixson	(925) 957-8786	
Environmental Health	(925) 692-2500	Fax (925) 692-2502
Sherman Quinlan, Director	(925) 692-2500	
Parna Kamyabfar, Accounting	(925) 957-5515	
Tim Ellsworth, Food Service Facilities	(925) 692-2537	
John Wiggins, Food Service Facilities	(925) 692-2570	
Jeff Tipton, Solid Waste Code Enforce	(925) 692-2568	Cell (925) 383-5417
Jose Avila, Used Tires	(925) 692-2525	Cell (925) 383-2655
Les Miyashiru, Storm Sewer Overflow	(925) 692-2552	
Erik Anderson, El Sobrante Code Enf	(925) 692-2524	Cell (925) 525-5885
Vanessa Cordier, Solid Waste	(925) 692-2531	
General Services		Emergency (925) 977-4316
Derrick West, Custodial & Recycling	(925) 313-7052	
Kevin LaChapelle, Grounds	(925) 646-4150	
Roland Hindsman, Facilities	(925) 313-7052	
Rick Ranger, SWPPP	(925) 313-7072	
Stan Burton, Fleet	(925) 313-7077	
Purchasing	(925) 313-7300	
Cindy Shehorn	(925) 313-7317	
Print & Mail Center, Marie Estrada	(925) 646-5521	

David Gould	(925) 646-5515	
Ron Russo	(925) 646-5520	
Neal Gietzen	(925) 646-5516	
Hazardous Materials (HazMat)	(925) 335-3200	After Hrs (925) 335-3232
Eric Jonsson, Stormwater Inspections	(925) 335-3224	Cell (925) 250-7727
Lacey Friedman, KDC Marinas		Cell (925) 250-7898
Tanya Drlik, IPM Coordinator	(925) 335-3214	
Mosquito & Vector Control	(925) 685-9301	
Greg Howard	(925) 771-6169	
Public Works	(925) 313-2000	
Flood Control Counter Person	(925) 348-6810	
Maintenance, Angie Bell	(925) 313-7000	Emergency (925) 646-2441
Joe Yee, R1	(925) 313-7002	
Pat Giles, R2 Field Ops.	(925) 313-7044	Cell (925) 260-4740
Allison Knapp, R3 Engineering	(925) 313-7006	
Marcelino Abundis	(925) 313-7009	
Tony Medina, R4 Area Foreman	(925) 313-7046	Cell (925) 260-3919
Fld Ctrl & West Co.		
Mike Giles, R51 Flood Control	(925) 313-7041	Cell (925) 260-5305
Rich Montoya, R21 West Co.	(925) 313-7042	Cell (925) 260-5081
Dan Camara, R81 Surface Treat. & Bridge	(925) 313-7011	Cell (925) 567-6675
Jeff Brimmer, R76 Sign & Paint	(925) 313-7038	Cell (925) 260-5064
Scott Edmonds, R5 Area Foreman	(925) 313-7040	Cell (925) 260-5878
Central & South Co.		
Dave Harper, R31 Central/South Co.	(925) 313-7031	Cell (925) 567-6667
Mark Trump, R36 East Co.	(925) 427-8562	Cell (925) 260-5465
Chuck Jefferies, R91 Vegetation	(925) 313-7047	
Construction Inspection	(925) 313-2320	
Edgar Gallo, Martinez & East Co.	(925) 595-6008	
Larry Cornelius, West Co.	(925) 595-6006	
Vendon McLeod, PH & San Ramon	(925) 595-6012	
Sheriff's Office	(925) 646-2441	Dispatch (925) 646-2441
Emergency Services	(925) 646-4461	
Bay Station, Deputy Monroe	(510) 262-4203	
Muir Station, Lt. Mahoney	(925) 313-2520	

Contra Costa Clean Water Program City Contacts

Antioch	(925) 779-7000	Phil Hoffmeister	(925) 779-7035	phoffmeister@ci.antioch.ca.us
Brentwood	(925) 516-5400	Jeff Cowling	(925) 516-5165	jcowling@ci.brentwood.ca.us
Clayton	(925) 673-7300	Laura Hoffmeister	(925) 673-7308	lhoffmeister@ci.clayton.ca.us
Concord	(925) 671-3000	Jeff Roubal	(925) 671-3394	jeffr@ci.concord.ca.us
Danville	(925) 314-3300	Chris McCann	(925) 314-3342	cmccann@ci.danville.ca.us
El Cerrito	(925) 215-4300	Alexis Petru	(510) 215-4353	apetru@ci.el-cerrito.ca.us
Hercules	(510) 799-2000	Erwin Blancaflor	(510) 799-8242	eblancaflor@ci.hercules.ca.us
Lafayette	(925) 284-1968	Donna Feehan	(925) 934-3908	dfeehan@ci.lafayette.ca.us
Martinez	(925) 372-3500	Alex Stroup	(925) 372-3519	astroup@cityofmartinez.org
Moraga	(925) 888-7025	Jill Mercurio	(925) 888-7025	jmercurio@moraga.ca.us

Oakley	(925) 625-7000	Frank Kennedy	(925) 932-7857	fjk@fjkennedy.com
Orinda	(925) 253-4200	Cathleen Terentieff	(925) 253-4251	cterentieff@ci.orinda.ca.us
Pinole	(510) 724-9037	Nancy Voisey	(510) 724-9037	nvoisey@ci.pinole.ca.us
Pittsburg	(925) 252-4920	Jason Burke	(925) 252-4122	jburke@ci.pittsburg.ca.us
Pleasant Hill	(925) 671-5270	Rod Wui	(925) 671-5261	rwui@ci.pleasant-hill.ca.us
Richmond	(510) 620-6500	Lynne Scarpa	(510) 412-2008	lynne_scarpa@ci.richmond.ca.us
San Pablo	(510) 215-3037	Karineh Samkian	(510) 215-3037	karinehs@ci.san-pablo.ca.us
San Ramon	(925) 973-2670	Steven Spedowfski	(925) 973-2653	spedowfski@sanramon.ca.gov
Walnut Creek	(925) 943-5899	Rinta Perkins	(925) 256-3511	perkins@walnut-creek.org

Wastewater Sanitary Districts

Byron Sanitary District	(925) 634-5560	
City of Brentwood	(925) 516-6060	
City of Hercules	(925) 724-8963	
City of Pinole	(510) 724-8963	
City of Richmond	(510) 412-2062	
Central Contra Costa Sanitary District	(925) 229-7288	Emergency (925) 933-0955/0990
Alamo, Clayton, Clyde, Concord, Danville/Blackhawk, Diablo, Lafayette, Martinez, Moraga, Orinda, Pacheco, Pleasant Hill, San Ramon, Walnut Creek		
Tim Potter	(925) 229-7380	
Jeff Skinner	(925) 229-7720	Cell (925) 337-7720
Crockett Sanitary Department	(510) 787-2992	Crockett, Port Costa
Delta Diablo Sanitation District	(925) 756-1900	Antioch, Bay Point, Pittsburg
Discovery Bay Community Services District	(925) 634-1131	
Dublin-San Ramon Services District	(925) 875-2336	
East Bay Municipal Utility District	(510) 287-1651	El Cerrito, Kensington, Richmond
Ironhouse Sanitary District	(925) 625-2279	Bethel Island, Knightsen
Mountain View Sanitary District	(925) 228-5635	Martinez
Rodeo Sanitary District	(510) 799-2970	
Stege Sanitary District	(510) 524-4667	El Cerrito, Kensington
Town of Discovery Bay CSD	(925) 634-1131	
West County Wastewater District	(510) 237-6603	El Sobrante, Pinole, Richmond, San Pablo

Potable Water Districts

Contra Costa Water District	(925) 688-8000
Dublin-San Ramon Services District	(925) 828-0515
East Bay Municipal Utility District	(510) 835-3000
Virginia Northrup, Orinda Hq.	(510) 287-0459
Roger Hartwell, Biologist	(510) 843-2137
Martinez Water District	(925) 372-3580

Garbage/Recycling Haulers

Allied Waste Services of CC County	(925) 685-4711	Alamo, Bay Point, Blackhawk, Canyon, Clyde, Crockett, Danville, Diablo, Martinez, Morgan Territory, Pacheco, Pleasant Hill, Tassajara, Vine Hill, Walnut Creek
Valley Waste Management	(925) 935-8900	Alamo, Blackhawk, Danville, Diablo, Pleasant Hill BART, Tassajara, Walnut Creek
Richmond Sanitary Service/ Republic Services	(510) 262-1600	Bay View, E. Richmond Heights, El Sobrante, Montalvin Manor, N. Richmond, Richmond, Rodeo, Rollingwood, Tara Hills

Pittsburg Disposal Service	(925) 432-6262	Bay Point
Oakley Disposal Service	(925) 757-7660	Bethel Island, Knightsen
Brentwood Disposal Service	(925) 634-1123	Byron
Crockett Garbage Service	(510) 262-1608	Crockett, Port Costa
Discovery Bay Disposal Service	(925) 634-3099	Discovery Bay
Bay View Refuse & Recycling	(510) 237-4614	Kensington

Permitted Disposal Facilities/Landfills

Contra Costa County

Acme Landfill (Construction Debris)		
950 Waterbird Way, Martinez, CA 94553	(925) 228-7099	
Contra Costa Transfer & Recovery Station		
951 Waterbird Way, Martinez, CA 94553	(925) 313-8900	
Recycling Center & Transfer Station - Contra Costa Waste Service		
1300 Loveridge Rd., Pittsburg, CA 94565	(925) 473-0180	
Golden Bear Transfer Station		
1 Parr Blvd., Richmond, CA 94801	(510) 236-8451	
West Contra Costa Sanitary Landfill (Concrete/Green Waste)		
Foot of Parr Blvd., 94801	(510) 233-4330	

Alameda County

Vasco Road Landfill & Recycling Drop-off		
4001 N. Vasco Rd., Livermore, CA 94550	(925) 447-0491	
Pleasanton Transfer Station		
3110 Busch Rd., Pleasanton, CA 94566	(925) 846-2042	

Solano County

Potrero Hills Landfill, 3675 Potrero Hills Ln., Suisun City, CA 94585	(707) 429-9600	
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Household Hazardous Waste Facilities

Central Contra Costa Sanitation District HHW	(800) 646-1431	
4797 Imhoff Place, Martinez, CA 94553		
Delta-Diablo Sanitation District	(925) 756-1990	<u>Emergency</u>
2500 Pittsburg-Antioch Highway, Pittsburg, CA 94509		
West County HHW Collection Center	(888) 412-9277	(925) 372-3440
101 Pittsburg Avenue, Richmond, CA 94801		

Other Special Districts

Bethel Island Municipal Utilities District		
Julie Hugel	(925) 684-2210	
East Bay Regional Park District Hdqrs.	(888) 327-2757	
East Bay Regional Park District Police & Fire	(510) 881-1833	(510) 881-1121
Davio Santos, Tilden Park	(510) 843-2137	
East County Irrigation District	(925) 634-3544	

Hotlines

1800-No Dumping	(800) 663-8674
DCD – Recycling	(925) 335-1225

N. Richmond Illegal Dumping

CHDCNR Mitigation Staff, e-Waste & HHW (510) 237-2000
City of Richmond PWD, Terrance Johnson (510) 231-3030

Oil Spill Reporting

US Coast Guard National Response Center (NRC) (800) 424-8802
CA Emergency Management (CALEMA) (800) OILS 911

Street Sweeping

Terrance Johnson, Richmond (510) 231-3011
Mike Dixon, DDS D Bay Point miked@ddsd (925) 756-1921 (925) 382-6291
DDS D Street Sweep Complaint Line (925) 756-1900
John Johnson, Walnut Creek (925) 943-5899 x 444
Martinez PWD (925) 372-3580

Local Fire Districts/Departments

Emergency

Bethel Island Fire Protection District	(925) 684-2211	
Contra Costa County Fire Protection District	(925) 930-5531	(925) 933-1311
Crockett-Carquinez Fire Protection District	(510) 787-2717	(510) 787-1313
East Diablo Fire Protection District	(925) 930-5531	(925) 933-1311
Kensington Fire Protection District	(510) 215-4450	
Moraga-Orinda Fire District	(925) 258-4599	
Pinole Fire Department	(510) 724-8970	
Richmond Fire Department	(510) 307-8031	
Rodeo-Hercules Fire District	(510) 799-4561	(925) 930-5531
San Ramon Fire Protection District	(925) 838-6640	(925) 838-6691

Regional Water Quality Control Boards

San Francisco RWQCB	(510) 622-2300	
Selina Louie	(510) 622-2383	slouie@waterboards.ca.gov
Central Valley RWQCB	(916) 464-3291	
Kim Schwab	(916) 464-4606	kschwab@waterboards.ca.gov

State and Federal Agencies

CA Dept. of Fish and Game, Region 3 (W. CA-160)	(707) 944-5500	
Dispatch	(831) 649-2801	
Warden Nicole Kozicki, Countywide	(925) 376-1274	nkozicki@dfg.ca.gov
P.O. Box 284, Moraga, CA 94556		
Warden Clint Garrett, East County	(925) 245-1997	cgarrett@dfg.ca.gov
P.O. Box 848, Livermore, CA 94550		
CA Emergency Management Agency	(800) 852-7550	(800) OILS 911
CA Highway Patrol	(925) 646-4980	
Cal OSHA	(925) 602-6517	
Dept. of Toxic Substances Control (Region 2)	(510) 540-3856	
US Coast Guard, National Response Center	(800) 424-8802	
US Coast Guard, Marine Safety Office Alameda	(510) 437-3073	

FLOOD CONTROL DISTRICT ILLICIT DICHARGE INVESTIGATIONS PY 2009-10

WorkOrder#/ Case #	WoType	Issued	Task Description	Location and Solution	Type	# Incidents/ Complaints	Stormdrain (SD)/Creek	# SD/Creek	Incident Date	Date Resolved	Days to Abate	Resolved Timely*
CWP/PWD												
0000013458	FCD	10/26/2009	10/20/09 Maintenance Flood Control requesting assistance from Watershed Program in getting the illicit dump of sod to Riverside Ditch embankment cleaned up by discharger. CHARMAINE BERNARD	SITE LOCATION Address: RIVERSIDE DITCH APN: 098-350-043 & 45 City/State/Zip: BAY POINT X-Street: Riverside Drainage Ditch	Landscape material/Green wast	1	SD; Riverside Ditch Flood Control Channel	1	10/20/09	11/2/09	13	0
0000013458	FCD	10/26/2009	continued	From: Mike Giles					continued			
0000013504	FCD	11/04/2009	11/2/09 Caller responsible for dumped sod to Riverside Drainage which she cleaned up WO# 13458, is phoning to report excess debris (large metal object, concrete slabs, metal debris) in flood control facility that needs to be recovered. CHARMAINE BERNARD	SITE LOCATION Address: RIVERSIDE DITCH City/State/Zip: BAY POINT, CA X-Street: RIVERSIDE DRIVE			SD; Riverside Flood Control Channel	1	11/2/09	12/7/09	35	0
0000013657	FCD	12/16/2009	12-9-09 While out on a flood control source control screening w/Jeff Roubal of City of Concord we witnessed excessive illegal dumping on the west side of the Pine Creek Flood Control Channel at the north and south sides of the west side of the pedestrian overpass at Willow Pass Rd. under CA-242. CHARMAINE BERNARD	CUSTOMER INFORMATION Name: CHARMAINE BERNARD SITE LOCATION Address: WILLOW PASS RD. PEDESTRIAN BRIDGE OVER PINE CREEK City/State/Zip: CONCORD X-Street: CA-242	Construction Debris	1	No; adjacent to FCD Channel blocked by concrete wall	0	12/9/09	1/12/10	34	0
0000013896	FCD	02/08/2010	1/11/10 Ongoing issues w/dumpsters being left open and spewing trash to Grayson Creek form minimmall complex at Pacheco Blvd. & Center Ave. See WO# 13071 for history. Owner has Agreement w/FCD to use their property for staging dumpsters. CHARMAINE BERNARD	CUSTOMER INFORMATION Name: CHARMAINE BERNARD SITE LOCATION Address: 255 GLACIER DRIVE City/State/Zip: MARTINEZ, X-Street: CENTER AVE APN: 125-077-018	Dumping-non-hazardous	1	Grayson Creek	1	1/11/10	ongoing	NA	0
0000013896	FCD	02/08/2010	continued	1/21 Received call from Dora, Manager for Los								1
0000013983	FCD	02/24/2010	2/4/10 While out assessing trash hot spot locations, noticed shopping cart under outfall w/flap valve at Investment St. & Railroad St. in Rodeo lined channel. C BERNARD	SITE LOCATION Address: INVESTMENT ST City/State/Zip: RODEO, CA X-Street: RAILROAD ST.	Dumping-non-hazardous	1	Rodeo Creek	1	2/4/10	3/3/10	27	0
0000013994	FCD	02/25/2010	2/23/10 Two Shopping carts in San Pablo Creek behind El Sobrante Library. (See photos attached.) C BERNARD	SITE LOCATION Address: 4191 APPIAN WAY City/State/Zip: EL SOBRANTE, CA	Dumping-non-hazardous	1	San Pablo Creek	1	2/23/10	3/10/10	15	0
0000014093	FCD	03/18/2010	3/17/10 Excess styrofoam debris and vegetation blocking culvert of Line E1 @ Line E north of Grant Street@ Cesar Chavez, Brentwood. Please schedule for clearing. C BERNARD	SITE LOCATION Address: Line E1 @ E, Grant Street City/State/Zip: Brentwood X-Street: North of Cesar Chavez	Other (Specify in 'Complaint')	1	Line E1 Marsh Creek Lined Chennel	1	3/17/10	3/24/10	7	1
0000014170	FCD	04/08/2010	4/7/10 Concord Code Enf. left voicemail w/ C.Bernard reporting waste tires on San Miguel Rd between Frayne Lane and St. John Circle. Please recover. C BERNARD	Name: CITY OF CONCORD Address: SAN MIGUEL RD City/State/Zip: CONCORD (FCD PROPERTY) X-Street: BETWEEN FRAYNE & ST. JOHN CIRCLE	Dumping-non-hazardous	1	FCD Pine Creek	1	4/7/10	4/27/10	20	0
0000013400	FCD	10/19/2009	10/16/09 Larry Leong reports the following: "Mr. Keller is requesting the clearance of debris at the flap gated outfall to Galindo Creek in Concord. This clean up will allow the drainage from his subdivision to flow freely into the creek." CATHERINE WINDHAM	SITE INFORMATION Address: GALINDO CREEK NEAR 3851 LA VISTA COURT (FCZ 3B) City/State/Zip: CONCORD X-Street: LA VISTA AVE OR MARKHAM NATURE AREA OFF COWELL ROAD	Dumping-non-hazardous	1	FCD Gallindo Creek	1	10/16/09	10/19/09	3	1
0000013412	FCD	10/20/2009	10/20/09 Off San Miguel in Concord where the creek runs, there is a mattress and other debris that was dumped and needs to be cleared-please contact citizen as to who maintains this area RAMONA LURVEY-HAIR	SITE INFORMATION Address: SAN MIGUEL City/State/Zip: CONCORD, X-Street: FC AREA	Dumping-non-hazardous	1	FCD Concord Creek	1	10/20/09	10/20/09	0	1
0000013476	FCD	10/29/2009	10/29/09 The creek bank is eroding behind 3214 Brookwood Drive in the flood control area and citizen would like to know how to handle the erosion-sandbags etc? RAMONA LURVEY-HAIR	CUSTOMER INFORMATION Name: RAMONA LURVEY-HAIR SITE INFORMATION Address: 3214 BROOKWOOD DRIVE City/State/Zip: WALNUT CREEK, X-Street: FC AREA-GLORIA TERRACE	Sediment/Erosion	1	FCD Walnut Creek	1	10/29/09	11/4/09	6	1
0000013114	FCD	08/24/2009	8/24/09 There is a dishwasher/oven down in the creek at Arbolado Drive and Oak Grove RAMONA LURVEY-HAIR	CUSTOMER INFORMATION Name: RAMONA LURVEY-HAIR SITE INFORMATION Address: ARBOLODO DRIVE City/State/Zip: WALNUT CREEK, X-Street: OAK GROVE ROAD	Dumping-non-hazardous	1	FCD Walnut Creek	1	8/24/09	9/17/09	24	0

FLOOD CONTROL DISTRICT ILLICIT DICHARGE INVESTIGATIONS PY 2009-10

0000012927 FCD 07/10/2009 an old couch left on the old Southern Pacific Railway property that runs behind their fence--please pick-up. (says someone used the couch to crawl over their back fence and burglarize their house last night.....)

SITE INFORMATION
Address: 1298 BROOKVIEW CIRCLE (behind)
City/State/Zip: CONCORD,
X-Street: BROOKVIEW DRIVE

(poss the Iron Horse Trail? I couldn't locate it in the Thomas Guide Map book...? Looks like City of Concord but, she says they told her it's ours....)

CUSTOMER INFORMATION
Name: VERENA SLOUS
Address: 1298 BROOKVIEW CIRCLE
City/State/Zip: CONCORD,
X-Street: BROOKVIEW DRIVE

0000013150 FCD 09/01/2009 9/1/09 In the flood control area behind Costco and Safeway there is a homeless encampment RAMONA LURVEY-HAIR

SITE INFORMATION
Address: FC AREA- COSTCO
City/State/Zip: CONCORD,
X-Street: SAFEWAY

Dumping-non-hazardous	1	FCD Concord Area	0	7/10/09	7/22/09	12	1
Dumping-non-hazardous	1	FCD Concord Area	1	9/1/09	9/17/09	16	0

Discharges Reported	14	Discharges to SD/Creek	12	85.7%	Resolved Timely*	6	42.9%
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Types	#	Major Types of Discharges	%
Abandoned drums	0	Dumping-non-hazardous	64.3%
Accidental spills	0	Sediment/Erosion	7.1%
Allowable discharge	0	Construction Debris	7.1%
Carpet cleaning discharge	0	Other (Specify in 'Cc	7.1%
Complaint not found	0	Dumpster discharge	7.1%
Construction Debris	1	Landscape material/	7.1%
Cooling water discharge	0	Dumping-hazardous	0.0%
Dewatering	0	Complaint not found	0.0%
Dumping-hazardous	0	Sanitary/sewage spi	0.0%
Dumping-non-hazardous	9	Vehicle & equipmen	0.0%
Dumpster discharge	1	Illicit connections	0.0%
Equipment cleaning	0	Used oil dumping	0.0%
Food Facility Oil & Grease disch	0	Vehicle repair	0.0%
Food Wastes	0	Grey water discharg	0.0%
Grey water discharge	0	Accidental spills	0.0%
Illicit connections	0	Allowable discharge	0.0%
Improper manure management	0	Paint discharge	0.0%
Landscape material/Green waste	1	Abandoned drums	0.0%
Misc. incidents	0	Cooling water dischr	0.0%
Other (Specify in 'Complaint')	1	Dewatering	0.0%
Other: Marine related	0	Food Facility Oil & C	0.0%
Paint discharge	0	Misc. incidents	0.0%
Pools/Spas/Fountains discharge	0	Other: Marine relate	0.0%
RV waste discharge	0	Pools/Spas/Fountair	0.0%
Sanitary/sewage spill or leak	0	Un-hardened cemer	0.0%
Saw cutting slurry discharge	0		
Sediment/Erosion	1	Total	14 100.0%
Stormwater infiltration devices (S	0		
Surface cleaning discharge	0		
Un-hardened cement discharge	0		
Used oil dumping	0		
Vehicle & equipment leaking	0		
Vehicle repair	0		
Vehicle washing	0		
Waterline breaks	0		

* Abated within 10 business days

CONTRA COSTA COUNTY INTEGRATED PEST MANAGEMENT POLICY

To protect public health, county resources and the environment it will be the policy of Contra Costa County to manage pests within county pest management programs in and on county maintained properties and facilities, using Integrated Pest Management (IPM) principles and techniques.

The mission is to promote the combined use of physical, cultural, biological and chemical control methods to effectively manage pests with minimal risk to humans and the environment.

For the purposes of this policy the County adopts the Integrated Pest Management definition provided by the University of California Statewide IPM Project: Integrated Pest Management is an ecosystem-based strategy that focuses on long-term prevention of pests or their damage through a combination of techniques such as biological control, habitat manipulation, modification of cultural practices, and use of resistant varieties. Pesticides are used only after monitoring indicates that they are needed according to established guidelines, and treatments are made with the goal of removing only the target organisms. Pest control materials are selected and applied in a manner that minimizes risks to human health, to beneficial and non-target organisms, and to the environment.

The goals of this countywide policy are to:

1. Minimize risks to the general public, staff and the environment as a result of pest control activities conducted by County staff and contractors.
2. Require County departments to create, implement and periodically review written IPM programs specific to their operational needs and consistent with the U.C. definition above and this policy.
3. Promote availability, public awareness and public input into written county pest management programs and records.
4. Help create public awareness and education of IPM techniques.

To achieve these goals the County has established the following objectives:

1. Require County departments to use IPM programs.
2. Incorporate County IPM policies and practices into county pest control contracts.
3. Require annual reporting of development and implementation of IPM programs.
4. Create or designate a County IPM Coordinator to report to the County Administrator and Board of Supervisors.

CONTRA COSTA COUNTY INTEGRATED PEST MANAGEMENT POLICY

5. Create an IPM Advisory Committee to assist Departments in reviewing pest control alternatives and related costs or impacts.
6. Provide annual IPM training and outreach programs to address the needs of County Departments and employees.

Require Departments to Use IPM Programs:

- The Agriculture, General Services, Health and Public Works Departments who use pest management techniques when providing services will be required to develop a written IPM Program and designate an IPM Coordinator responsible for implementation. These Departmental IPM Coordinators will be members of the County's IPM Advisory Committee.
- Departments who do not use pest management techniques when providing services to the public will designate Facilities Coordinators who will receive periodic training in the County IPM program and IPM concepts. Facilities Coordinators will be responsible for adherence with County IPM policies at their designated sites.

Incorporate County IPM Policies and Practices in County Pest Control Contracts

- General Services will work with the IPM Advisory Committee to develop Pest Control Contract Specifications that will insure the County's IPM Policy and Practices are adhered to by all licensed pest control contractors performing work on county maintained properties and facilities.

Require Annual Reporting of Development and Implementation of IPM Programs.

- It is understood that development and implementation of IPM programs will take time. Department IPM Coordinators will prepare annual reports on department pest control activities to the County Administrator. Facilities Coordinators will also annually report any pest control activities that have taken place at their site. The department annual reports will be reviewed by the IPM Advisory Committee. The IPM Advisory Committee shall compile the information into an annual report that will be submitted to the County Administrator and the Board of Supervisors.

Create or Designate a County IPM Coordinator to Report to the Board of Supervisors.

- In recognition that development, implementation and oversight of a County IPM Program requires allocation of resources, the position of County IPM

CONTRA COSTA COUNTY INTEGRATED PEST MANAGEMENT POLICY

Coordinator should be established and funded. The County IPM Coordinator will serve as a resource for Department Heads to insure compliance with the County IPM policy. The County IPM Coordinator is required to also work as part of the IPM Advisory Committee to assist Department Heads in identifying priorities and in acquiring data to properly evaluate pest control needs and appropriate solutions.

- The County IPM Coordinator will serve as chair of the IPM Advisory Committee.
- The County IPM Coordinator will provide two annual updates to the PEHAB and Fish and Wildlife Committees.

Create an IPM Advisory Committee to Assist Departments in Reviewing Pest Control Solutions and Related Costs or Impacts.

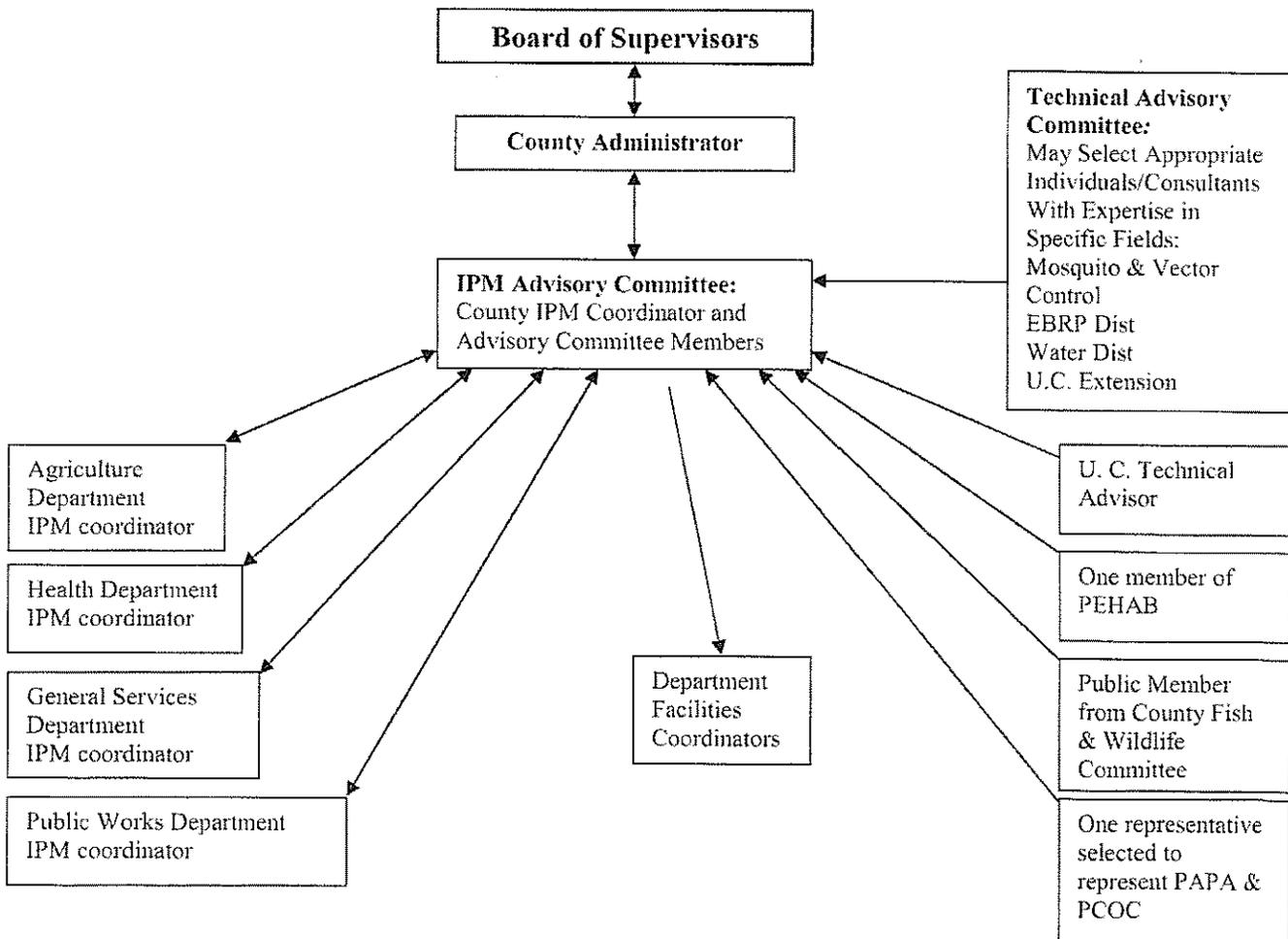
- An IPM Advisory Committee will be created consisting of the County IPM Coordinator, Department IPM Coordinators, a University of California technical and advisory member, one Public and Environmental Health Advisory Board member, a public member from the County Fish & Wildlife Committee and one representative selected to represent both the Pesticide Applicators Professional Association and the Pest Control Operators of California. The Advisory Committee will serve as a resource to help both Department Heads and the Board of Supervisors review and improve existing programs and the processes of making pest management decisions.
- The IPM Advisory Committee may use Technical Advisory Committees to develop information regarding pest control decisions. The IPM Technical Advisory Committee will include a representative from East Bay Regional Park District, Contra Costa Mosquito & Vector Control District, Contra Costa Water District, the University of California Cooperative Extension, Pesticide Applicators Professional Association and/or Pest Control Operators of California and other appropriate representatives with expertise in a specific field.
- Information regarding preferred pest control solutions must include data regarding comparative efficacy, cost, environmental impact and hazards to the public and applicator. Information and recommendations must be based on the best science available.
- The IPM Advisory Committee would also work with the County IPM Coordinator to develop IPM training programs for County Departments and their employees to assist in compliance with the county's IPM policy. Additional support could also be provided to County Departments who wish to

CONTRA COSTA COUNTY INTEGRATED PEST MANAGEMENT POLICY

develop public outreach programs to address environmental and public health concerns.

Provide Annual IPM Training and Outreach Programs to Address the Needs of County Departments and Employees.

- Training programs will be developed under the direction of County IPM Coordinator with the concurrence of the IPM Advisory Committee to ensure that Department Facilities Coordinators understand IPM techniques and County policy. Utilizing resources such as the U.C. Pest Management Guidelines that have been developed by the University of California Statewide IPM Program, training classes on integrated pest management techniques will be developed and made available for County employees.
- Public outreach programs to address environmental and health concerns will also be developed to compliment existing county programs.



Summary of Recommendations to the Contra Costa Board of Supervisors on Posting and Notification for Pesticide Use on County Land

	Provisions in Policy	Notes/explanation
Time periods	At least 3 days before and at least 4 days after. It is acceptable to indicate a window of time when an area might be treated.	Time span conforms to San Francisco and Santa Clara. A window of time is necessary to account for weather conditions that might affect timing of a treatment.
Where	<ul style="list-style-type: none"> • Only on County-owned land • At all major public and employee entry points if applied in an enclosed area • At highly visible locations around the perimeter, if applied in an open area. 	Similar to San Francisco, Marin, Santa Clara, Santa Barbara
Kind of sign	Of a standardized design easily recognizable by the public and workers	Same as San Francisco, Marin, Santa Clara, Santa Barbara
Content of signs	<ul style="list-style-type: none"> • Product name • Active ingredient(s) • EPA Registration number • Target pest • Signal Word • Date of posting • Dates of anticipated use (date of actual use posted at main entrance or designated site) • Date of re-entry, if applicable • Name & contact number for Department responsible 	Similar to San Francisco, Marin, Santa Clara, Santa Barbara
Exemptions for Rights-of-Way	<ul style="list-style-type: none"> • Not required in locations that the public does not use for recreation or pedestrian purposes • "Recreation" means "any activity where significant physical contact with the treated area is likely to occur." • Departments must provide a public access phone # for info about pesticide applications in rights-of-way 	<p>Similar to San Francisco, Marin, Santa Clara, Santa Barbara</p> <p>Definition of recreation is ours.</p>
Exemptions for Structural Pest Control	<p>A permanent sign must be posted with a list of pesticides that might be used in the structure:</p> <ul style="list-style-type: none"> • In each County-owned or -leased bldg. • Sign content: Product name, active ingredient(s), Signal Word, target pest, areas where product could be placed, contact # <p>Rat and mouse bait stations must be posted at eye level on the wall above the bait station.</p>	<p>Orkin currently has a short list of pesticides it can use without posting in the County. This is the same in Santa Clara Co. Using a permanent sign will help to inform County employees and visitors.</p> <p>Pesticides <i>not</i> on the short list must be posted according to the policy.</p>
Exemptions for public health emergencies and other urgent situations as approved by the IPM Coordinator	Yes, but must post sign according to above at time of application	Similar to San Francisco, Marin, Santa Clara, Santa Barbara
Other exemptions	For OMRI (Organic Materials Research Institute), federally exempt FIFRA 25blist products, and state exempt products (CCR 6147), can post on day of application and must leave up for 4 days	Similar to Marin.

Contra Costa Pesticide Treatment Posting and Notification Policy

General Provisions

This policy applies only to land owned by the County of Contra Costa.

Any County Department that uses or authorizes the use of a pesticide shall comply with the following posting and notification procedures:

Signs shall be posted at least three (3) days before application of the pesticide and remain posted at least four (4) days after application.

If treatment is in an enclosed area, signs shall be posted at all major public and employee entry points.

If treatment is in an open area, signs shall be posted at highly visible location(s).

Posting signs for rat and mouse bait stations shall be posted at eye level on the wall or other structure above the bait station.

Exceptions to these provisions are listed below under "Exemptions".

Contents of Signs

The signs shall be of a standardized design, easily recognizable by the public and County employees and shall contain the following information:

1. Name of pesticide product
2. Active ingredient(s) in the product
3. United States Environmental Protection Agency or California State registration number
4. Target pest
5. Signal word on the product label indicating the toxicity category of the pesticide product
6. Date of posting
7. Date(s) of anticipated use; a window of time for anticipated use is acceptable
8. Date of re-entry for staff and the public to the treated area, if applicable
9. Name and contact number of County Department responsible for the application

Exemptions

Departments shall not be required to post signs in accordance with the provisions above

1. in rights-of-way or other areas that the general public does not use for recreation or pedestrian purposes. Recreation is defined as any activity where significant physical contact with the treated area is likely to occur.

Note: Each department that uses pesticides in such locations shall provide a public access telephone number for information about pesticide applications. The public access telephone number shall be posted in a prominent location at the department's main office building. Information provided shall include all items listed under "Contents of Signs", above.

2. in County-owned or -leased buildings, if the pesticide is on a list agreed to by the IPM Advisory Committee.

Note: Each County building shall post a permanent sign in a prominent location with a list of pesticides that may be used in the structure without individual postings. Pesticides not on this list must be posted in accordance with the provisions above. Signs shall contain the following:

- a. Name of the pesticide product
- b. Active ingredient(s) in the product
- c. Signal word on the product label indicating the toxicity category of the pesticide product
- d. Areas in the building where the pesticide could be used
- e. Name and contact number of County Department responsible for applications

Any pesticide granted an emergency exemption for public health emergencies or other urgent situations by the County IPM Coordinator shall not be required to be posted prior to treatment. However, all other requirements for posting as set forth above, shall be followed.

Use of any pesticide listed by the Organic Materials Research Institute or of any products on the FIFRA 25(b) list or in California Code of Regulations Section 6147 may be posted on the day of application. All other provisions listed above apply.

The County IPM Coordinator may, at his or her discretion, grant necessary exemptions to the posting

Contra Costa Pesticide Treatment Posting and Notification Policy

requirements.

Estimated costs associated with posting:

Agriculture Department

\$300 per posting

2 areas to be posted 1 time per year

Total: \$600

Public Works Department

\$300 to \$450 per posting (depending on the staff doing the posting and the time it takes to get to and from the site)

4 areas to be posted 2 times per year

Total: \$2400 to \$3600

General Services Grounds Division

\$140 to \$280 per posting (depending on the staff doing the posting and the time it takes to get to and from the site)

County and Special District sites posted for pre-emergent treatments 2 times per year (these treatments have been performed by TruGreen in the past several years):

Total for pre-emergent herbicide treatments: \$1050 to \$2250

County Buildings that may need posting for Roundup treatments:

The cost for posting County buildings is very difficult to estimate. The Grounds Division cares for the landscaping around 80 buildings and in FY 08-09 used an average of approximately 10 oz. of the active ingredient glyphosate per building. (The Grounds Division itself applied no other pesticides.)

Typically, small amounts of glyphosate are used a number of times throughout the year at a particular building to treat weeds as they appear.

If we assume Grounds would have to post 2 times at each building, the cost would be between \$22,400 and \$44,800 per year.

Total: \$23,450 to \$47,050

General Services Facilities Maintenance Division

Costs to be determined.

There will be an initial cost to make the permanent (paper) sign and post it in each building that the Structural IPM contractor will service. The actual posting can likely be combined with other work at the building.

There may be additional, but occasional, costs for posting for pesticides not included on the list for the permanent sign. Note that in the past two years, Orkin (the current contractor) has not used any pesticides other than those that are included on the short list for which posting is not required.

Notice of Pesticide Application Contra Costa County

Pesticide Trade Name(s): _____

Active Ingredient(s): _____

Target Pest(s): _____

Area(s) to be Treated: _____

Date(s) of Scheduled Application: _____

Time of Scheduled Application: _____

Signal Word (s) CAUTION / WARNING / DANGER

EPA Number(s): _____

Time of Re-Entry: _____

Integrated Pest Management Contact Info:

Treatment Completed

Treatment Postponed

Date Completed _____

Contra Costa County Flood Control and Water Conservation District

	Name of Product Applied	EPA Reg #	Amt Used FY 08-09	Specific Gravity	% A. I.	Total Lbs A.I. Used FY 08-09	Amt Used FY 09-10	Total Lbs A.I. Used FY 09-10
	<i>Liquid Materials</i>		(gallons)				(gallons)	
Adjuvant	Activator 90	36208-50014	177.000	1.040	90.000	1380.048		0.00
Glyphosate, isopropylamine salt	AquaMaster	524-343	118.750	1.205	53.800	641.280	81.25	438.77
Dimethyl silicone fluid emulsion	Foam Fighter F	36208-50003, 72-50005-AA	0.250	1.000	10.000	0.208		0.00
Triclopyr triethylamine salt	Garlon 3A	62719-37-ZA	108.250	1.135	44.400	454.414	182.00	764.00
Triclopyr butoxyethyl ester	Garlon 4	62719-40	18.000	1.060	61.600	97.905	18.00	97.90
Imazapyr, isopropylamine salt	Habitat	241-426	1.000	1.068	28.700	2.554	5.00	12.77
Aminopyralid, tri isopropanolamine salt	Milestone VM	62719-537	11.641	1.140	40.600	44.890	16.63	64.13
Adjuvant	No Foam A	11656-50086-ZA		1.050	90.000	0.000	142.25	1119.77
Triclopyr, triethylamine salt	Renovate 3	62719-37-67690	72.500	1.140	44.400	305.736	40.25	169.74
Glyphosate, isopropylamine salt	Roundup Pro Concentrate	524-529	39.250	1.199	50.200	196.710	19.13	95.85
Imazapyr, isopropylamine salt	Stalker	241-398	3.750	1.050	27.600	9.053		0.00
Oryzalin	Surflan A.S.	70506-44	8.000	1.236	40.400	33.282	9.00	37.44
Surfactant	Surphtac	11656-50093	22.750	1.180	53.400	119.412	15.00	78.73
Clopyralid, monoethanolamine salt	Transline	62719-259	0.313	1.161	40.900	1.236		0.00
Dicamba	Vanquish	228-397	11.250	1.250	56.800	66.536	0.63	3.70
						3353.264	2882.80	

	Name of Product Applied	EPA Reg #	Amt Used FY 08-09	Specific Gravity	% A. I.	Total Lbs A.I. Used FY 08-09	Amt Used FY 09-10	Total Lbs A.I. Used FY 9-10
	<i>Dry Materials</i>		(pounds)				(pounds)	
	Diuron 80 DF	66222-51	300.000	N/A	80.000	240.000		0.00
Prodlamine	Endurance	228-398	302.000	N/A	65.000	196.300	240.00	156.00
Isoxaben	Gallery 75DF	62719-145	10.000	N/A	75.000	7.500	9.00	6.75
Sulfometuron methyl	Oust	352-401	23.650	N/A	75.000	17.738	35.50	26.63
Chlorsulfuron	Telar	352-404	9.500	N/A	75.000	7.125		0.00
						468.66	189.38	

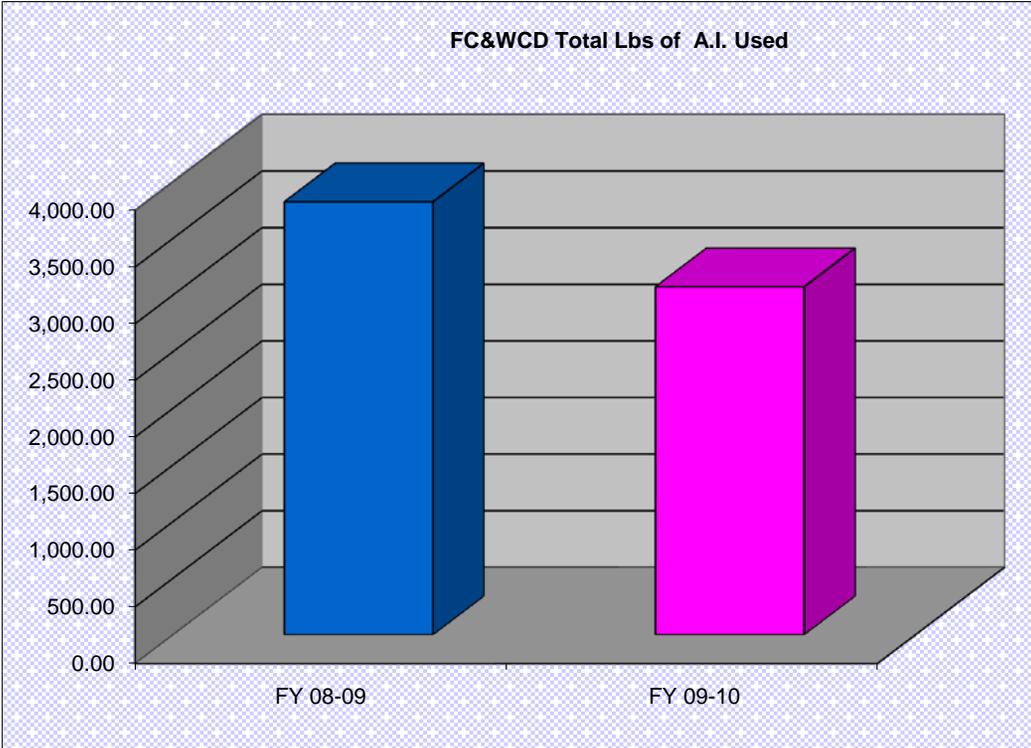
Total # A. I. Used **3,821.93**

3,072.18

% Change from Previous FY

-19.62

CONTRA COSTA COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT PESTICIDE SUMMARY COMPARISON



Formula= Gal. used x 8.33 x Sp. Grav. X (%Al/100)

Formula= Oz. used x 1.04 x Sp. Grav. x (%Al/100)