



CITY OF FAIRFIELD

Founded 1856

Incorporated December 12, 1903

PUBLIC WORKS DEPARTMENT

September 15, 2010

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

Attention: Ms. Jolanta Uchman, Water Resources Control Engineer

Reference: Fairfield-Suisun Urban Runoff Management Program
FY 2009-2010 Annual Report

Dear Mr. Wolfe:

Enclosed is the 2009 - 2010 Annual Report for the City of Fairfield, 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 as adopted on October 14, 2009 via Order No. R2-2009-0074.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to 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.

Sincerely,

GEORGE R. HICKS
Director of Public Works

Attachment

Cc: Dale Bowyer, RWQCB

COUNCIL

Mayor
Harry T. Price
707.428.7395

Vice-Mayor
Chuck Timm
707.429.6298

Councilmembers
707.429.6298

Catherine Moy

John Mraz

Rick Vaccaro

...

City Manager
Sean P. Quinn
707.428.7400

...

City Attorney
Gregory W. Stepanicich
707.428.7419

...

City Clerk
Arletta K. Cortright
707.428.7384

...

City Treasurer
Oscar G. Reyes, Jr.
707.428.7496

DEPARTMENTS

Community Development
707.428.7461

...

Community Resources
707.428.7465

...

Finance
707.428.7496

...

Fire
707.428.7375

...

Human Resources
707.428.7394

...

Police
707.428.7551

...

Public Works
707.428.7485

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Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Fairfield				
Population:	106,502				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2009-0074				
Reporting Time Period (month/year):	July 1, 2009 through June 30, 2010				
Name of the Responsible Authority:	George Hicks			Title:	Public Works Director
Mailing Address:	1000 Webster Street				
City:	Fairfield	Zip Code:	94533	County:	Solano
Telephone Number:	707-428-7494		Fax Number:		
E-mail Address:	ghicks@fairfield.ca.gov				
Name of the Designated Stormwater Management Program Contact (if different from above):	James Paluck			Title:	Senior Civil Engineer
Department:	Public Works				
Mailing Address:	1000 Webster Street				
City:	Fairfield	Zip Code:	94533	County:	Solano
Telephone Number:	707-428-7479		Fax Number:		
E-mail Address:	jpaluck@fairfield.ca.gov				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

See FSURMP Program's Annual Report for 2009-2010 and BASMAA's Regional Annual Report for a summary is of activities conducted program-wide 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.

<input checked="" type="checkbox"/>	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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:

<input checked="" type="checkbox"/>	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
<input checked="" type="checkbox"/>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

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

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

NA	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
X	Control of discharges from graffiti removal activities
X	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
X	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal

Comments: No bridge maintenance activities performed during reporting period.

C.2.d. ► Stormwater Pump Stations

Does your municipality own stormwater pump stations: **Yes** **No (maintained by Fairfield/Suisun Sewer District)**

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:

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

Attachments:

(For FY 10-11 Annual Report only) Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):

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

C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural ² roads:		<input type="checkbox"/>	<input checked="" 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.

C.2.f. ► Corporation Yard BMP Implementation			
Place an X in the boxes below that apply to your corporation yard(s):			
<input type="checkbox"/>	We do not have a corporation yard		
<input checked="" type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit		
<input checked="" type="checkbox"/>	We certify that we have a current Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)		
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:			
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment		
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system		
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method		
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used		
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments:			
If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:			
Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions

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: The City of Fairfield Public Works Department reviews all new development and redevelopment projects to ensure that they are designed and constructed to the City's design standards. This includes making sure that post-development stormwater measures are included in the design of onsite improvements, and that erosion and sediment control measures are installed during the construction of the improvements. Furthermore, the City of Fairfield recently adopted a new Stormwater Management and discharge Control Ordinance to help ensure the ongoing implementation of stormwater measures. Public Works staff have attended numerous training workshops this past year related to the new NPDES Permit, General Construction Permit, and Erosion & Sediment Control. We have also worked closely with the other local agencies that are part of the MRP, being involved in many of the subcommittees developed to ensure conformance to the MRP by the 70+ agencies that are part of the permit.

C.3.b. ► Green Streets Status Report

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

On an annual basis (if applicable), report on the status of any pilot green street projects within your jurisdiction. For each completed project, report the capital costs, operation and maintenance costs, legal and procedural arrangements in place to address operation and maintenance and its associated costs, and the sustainable landscape measures incorporated in the project including, if relevant, the score from the Bay-Friendly Landscape Scorecard. [Note: this applies only to agencies planning to implement pilot green streets projects. If you are planning a pilot green streets project, summarize project status.]

Summary: The City of Fairfield is currently reviewing the possibility of implementing Green Streets into future projects. As part of the City's involvement in the New Development Subcommittee, the City is aware that other agencies that are part of the MRP are proposing to construct the required 10 pilot Green Street projects that are required as part of the MRP.

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

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

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

<p>(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information</p>
<p>(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.</p> <p>Summary: The majority of the Stormwater Treatment Systems that have been installed within the City of Fairfield have been bio-swales (grassy swales). There have been a few mechanical filters installed, along with stormwater quality basins. There were minor amounts of debris encountered in a few of the bio-swales and detention basins, however, as a whole, the stormwater treatment measures were working effectively. Similar findings were encountered from the inspections performed in the previous year.</p>
<p>(3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).</p> <p>Summary: The Stormwater Treatment Systems Operations & Maintenance program is continuing to work effectively within the City of Fairfield. The systems installed are being maintained and the systems appear to be treating the onsite stormwater as planned. One change that might be considered to improve the overall Program is to require that the Facility owners provide reports to the agencies on their annual status of the stormwater treatment systems, including pictures, to assist the agencies in preparing their annual reports.</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										
Lowe's Home Impr.	N. Texas St & Manuel Campos	Lowe's HIW Inc.	1	139,000 SF Commercial Bldg.	Laurel Creek	11	11	11	0	11
Public Projects										
Cordelia Community Park	Gold Hill Rd & freeway 680	City of Fairfield	1	New Community Park	Cordelia Slough	16	16	80,000	3,000	80,000

³ Include cross streets.

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

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

⁶ State the watershed(s) that the Regulated Project drains to. Optional but recommended: Also state the downstream watershed(s).

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

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

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

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

Project Name Project No.	Status of Project ¹⁰	Source Control Measures ¹¹	Site Design Measures ¹²	Treatment Systems Approved ¹³	Operation & Maintenance Responsibility Mechanism ¹⁴	Hydraulic Sizing Criteria ¹⁵	Alternative Compliance Measures ^{16/17}	Alternative Certification ¹⁸	HM Controls ^{19/20}
Private Projects									
Lowes Home Impr.	PC App'd 5/12/2010	Covered dumpster, beneficial landscaping, outdoor material storage protection, SD signage	Microdetention in landscaping	Vegetated swale, bioretention hydrodynamic separator, planter boxes	O & M Agreement with Owner	Volume based per Method 1.b	N/A	N/A	N/A
Public Projects									
Cordelia Community Park	2/16/2010	Efficient landscape irrigation system	Minimize impervious surface	Vegetated Swales	City of Fairfield	N/A	N/A	N/A	N/A

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

¹¹ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹² List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

¹³ List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

¹⁴ List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

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

¹⁶ For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

¹⁷ For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

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

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

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

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

Project Name Project No.	Status of Project ¹⁰	Source Control Measures ¹¹	Site Design Measures ¹²	Treatment Systems Approved ¹³	Operation & Maintenance Responsibility Mechanism ¹⁴	Hydraulic Sizing Criteria ¹⁵	Alternative Compliance Measures ^{16/17}	Alternative Certification ¹⁸	HM Controls ^{19/20}

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 ²¹ For Maintenance	Date of Inspection	Type of Inspection ²²	Type of Treatment/HM Control(s) Inspected ²³	Inspection Findings or Results ²⁴	Enforcement Action Taken ²⁵	Comments
Ashley Furniture 4965 Auto Plaza Ct.	Retail Endeavors Group	5/13/2010	Annual	Vegetated swale	Swale in very good condition	N/A	
Mission Solano 300 S. Beck Ave.	Premier Commercial	5/13/2010	Annual	Wet Pond	Wet pond appeared to be in good condition	N/A	
Buntain-Busch Ph 3 SE cor. Courage Dr & Chadbourne Rd	Buntain Construction	5/13/2010	Annual	Vegetated Swale Wet Pond	Swale in good condition Wet pond appeared to be in good condition	N/A	
Comcast 5133 Fulton Drive	Comcast Cable	5/13/2010	Annual	Vegetated Swale	Swale in good condition	N/A	
Cordelia Bus. Park 5001 Fermi Drive	Douglas Messnon	5/13/2010	Annual	Vegetated Swale Bioretention	Swale and bioretention I good condition	N/A	
Green Valley Retail 201 Pittman Rd	Manjit Walia	5/13/2010	Annual	Vegetated Swale	Swale in excellent condition	N/A	
Lincoln Properties 801 Chadbourne	Bill Wendlend	5/13/2010	Annual	Vegetated Swale Hydrodynamic Separator	Swale in good condition. Hydrodynamic Separator appeared to be functioning properly	N/A	
Sutter Medical 2700 Low Court	Carolyn Appenzeller	5/13/2010	Annual	Vegetated Swale	Swale in very good condition	N/A	

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

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

²³ State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

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

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

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

C.4.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to obtain effective stormwater pollutant control on industrial sites? Yes No

If **No**, explain:

 See FSURMP Program's Annual Report for all of Section C.4 Annual Report information.

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:

 See FSURMP Program's Annual Report for all of Section C.4 Annual Report information.

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 FSURMP Program's Annual Report for all of Section C.4 Annual Report information.

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:

 See FSURMP Program's Annual Report for all of Section C.4 Annual Report information.

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.

See FSURMP Program's Annual Report for all of Section C.4 Annual Report information.

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.

See FSURMP Program's Annual Report for all of Section C.4 Annual Report information.

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
See FSURMP Program's Annual Report for all of Section C.4 Annual Report information.		

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:

See FSURMP Program's Annual Report for all of Section C.4 Annual Report information.

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

See FSURMP Program's Annual Report for all of Section C.5 Annual Report information.

C.5.b.ii.(4) ► Enforcement Response Plan

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

If **No**, explain:

See FSURMP Program's Annual Report for all of Section C.5 Annual Report information.

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 FSURMP Program's Annual Report for all of Section C.5 Annual Report information.

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
Mike Gray	Public Works Manager	707-428-7404
Don Burwell	Public Works Supervisor	707-428-7405

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.

See BASMAA FY 2009/10 report on mobile surface cleaners program.

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

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

Description:

The program developed an Illicit Discharge Detection and Elimination Program (including the regional C.5.e Storm System Screening Form). The screening program will begin in late summer or early fall 2010.

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

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

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

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

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

See FSURMP annual report

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:
 See FSURMP Program's Annual Report for all of Section C.6 Annual Report information.

C.6.b.ii.(3) ► Enforcement Response Plan

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

If **No**, explain:
 See FSURMP Program's Annual Report for all of Section C.6 Annual Report information.

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)
#	#	#

C.6.e.iii.1.d ► Construction Activities Storm Water Violations		
BMP Category	Number of Violations¹	% of Total Violations²
Erosion Control		
Run-on and Run-off Control		
Sediment Control		
Active Treatment Systems		
Good Site Management		
Non Stormwater Management		
Total		100%

Notes:

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

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

C.6.e.iii.1.e ► Construction related storm water enforcement actions			
	Enforcement Action (as listed in ERP)¹	Number Enforcement Actions Taken	% Enforcement Actions Taken²
Level 1			
Level 2			
Level 3			
Level 4			
Total			100%

Notes:

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

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

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

C.6.e.iii.1.h, i ► Violation Correction Times		
	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)		% ²
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)		% ³
Total number of violations for the reporting year¹		100%

Notes:

¹Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

²Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

³Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

C.6.e.iii.(2) ► Evaluation of Inspection Data
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
Description: See FSURMP Program's Annual Report for all of Section C.6 Annual Report information.

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: See FSURMP Program's Annual Report for all of Section C.6 Annual Report information.

C.6.f ▶ Staff Training Summary				
Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
See FSURMP Program's Annual Report for all of Section C.6 Annual Report information.				

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

C.7.b.ii.1 ► Advertising Campaign

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

Summary:

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

C.7.b.iii.1 ► Pre-Campaign Survey

(For the FY 10-11 Annual Report only) Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information:

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

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

NA	Survey report attached
NA	Reference to regional submittal:

C.7.c ► Media Relations

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

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

Summary:

See BASMAA FY 2009/10 report on the Regional Media Relations effort.

C.7.d ► Stormwater Point of Contact

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

Contact Summary:

See BASMAA FY 2009/10 report on the Regional point of contact. See FSURMP Program's FY 2009/10 Annual Report for details on programwide point of contact. [ADD LOCAL POINT OF CONTACT]

C.7.e ► Public Outreach Events

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

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted

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 FSURMP Program FY 2009/10 Annual Report.

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
See FSURMP Program FY 2009/10 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 or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
See FSURMP Program FY 2009/10 Report.			

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary:

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

Section 9 – Provision C.9 Pesticides Toxicity Controls

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

(For FY 09-10 Annual Report only) Attach a copy of your individual IPM ordinance or policy.

Attached

Not attached, explain below

If **Not attached**, explain:

C.9.b ▶ Implement IPM Policy or Ordinance

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

Summary: Overall pesticide use has decreased from June, 2005 to June 2010. In 6/2005 there were 60 applications of herbicides totaling 7328 oz and 18 applications of adjuvant, totaling 1624 oz. Usage decreased to the 6/2010 level of 24 applications of herbicides totaling 1485 oz. and 1 application of adjuvant totaling 32 oz. The City of Fairfield used no insecticides, fungicides or rodenticides during this reporting period.

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.

10

Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.

10

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

Integrated Pest Management Policy

Public Works



City of Fairfield

1000 Webster Street ■ Fairfield, California 94533

www.fairfield.ca.gov

Integrated Pest Management Policy

Preface

The City of Fairfield recognizes that public agencies should be a model of environmentally responsible practices. By employing an Integrated Pest Management (IPM) policy the City of Fairfield is able to reduce the use of pesticides that pose a risk to human health, the environment and to non-target organisms.

IPM Defined

Integrated Pest Management (IPM) is a pest management strategy that focuses on long-term prevention or suppression of pests with minimum impact on human health, the environment and non-target organisms. Preferred pest management techniques include using plant species that resist pests and diseases, changing the habitat to make it incompatible with pest development, and selecting pesticides with the least toxicity to humans and non-target organisms when pesticide use is warranted.

City of Fairfield IPM Policy

The City of Fairfield will commit to IPM principles and practices and incorporate them into all landscape maintenance, drainage maintenance, building maintenance and construction work. This policy will apply to work by contractors hired by the City of Fairfield as well as to work performed by City employees.

Pests Defined

For the purposes of this Policy, "pest" means any of the following that is, or is liable to become, dangerous or detrimental to the environment:

- (a) Any insect, rodent, nematode, or weed.
- (b) Any form of terrestrial, aquatic, or aerial plant or animal, virus, fungus or bacteria.
- (c) Anything that is declared to be a "pest" by the Director of the California Department of Food and Agriculture.

Pesticides Defined

For the purposes of this Policy, "pesticide" means any of the following:

- (a) Any substance or mixture of substances which is intended to be used for defoliating plants, regulating plant growth, or for preventing, destroying, repelling, or mitigating any pest.
- (b) Any spray adjuvant.

IPM Policy Goals

The goal of City of Fairfield's IPM Policy is to promote the health, safety, quality and sustainability of public buildings and landscapes and maximize the enjoyment and use of public buildings and grounds for functional, recreational (both active and passive) and ornamental purposes. The goals of this policy are to:

- Require all pesticide applicators to be trained in accordance with state regulations and to work under the direction of a licensed pesticide applicator.
- Reduce the use of pesticides through IPM principles
- Use least toxic pesticides.
- Provide healthy, high quality and sustainable public facilities.
- Assure cooperation and communication between City departments for the control of pests.

The City of Fairfield will consider various intervention options, including changes in cultural, mechanical, physical and chemical measures. Criteria for selecting pest control interventions shall be or provide:

- Least toxic to people, non-target organisms and the environment
- Most species-specific.
- Highest level of anticipated effectiveness.
- Greatest need for ongoing use and maintenance of the site
- Timely coordination and scheduling with the appropriate City departments and outside agencies, when appropriate.

C.9.d ▶ Require Contractors to Implement IPM				
Did your municipality contract with any pesticide service provider in the reporting year?		<input checked="" type="checkbox"/> X	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, attach one of the following:				
<input checked="" type="checkbox"/> X	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR			
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR			
<input type="checkbox"/>	Equivalent documentation.			
If not attached, explain:				

C.9.e ▶ Track and Participate in Relevant Regulatory Processes	
Summarize participation efforts, information submitted, and how regulatory actions were affected OR reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.	
Summary:	
See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.	

C.9.f ▶ Interface with County Agricultural Commissioners	
Provide a summary of improper pesticide usage reported to County Agricultural Commissioners and follow-up actions to correct violations, if any. A separate report can be attached as your summary.	
Summary: No improper pesticide applications occurred by City employees.	

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

City of Fairfield
Public Works
Contractor Pesticide Use Requirements

Pest Control

1. The Contractor shall adhere to the City of Fairfield Integrated Pest Management Policy, and be responsible for pest control on all trees, shrubs, and ground cover.
2. Snails and slugs shall be controlled by the use of approved non-arsenical Metaldehyde bait.
3. NOTE: Extremely toxic materials, such as category I pesticides, shall not be used at any time.

Monthly Pesticide Use Report

The Contractor shall comply with all Federal, State and local laws and regulations governing the use of chemicals for control of weeds, diseases and pests. The Contractor shall permit spraying for insect, disease, rodent or weed control to be done only by qualified, trained personnel under the supervision of a state licensed Pest Control Operator or Certified Applicator, using recognized an approved materials and methods, in compliance with all federal, state and local laws and regulations. All spraying shall be done with extreme care so as to avoid any hazard to person or pet in the immediate area or any property damage. The contractor shall send a duplicate copy each month of the State of California Monthly Pesticide Use Report reflecting use of all pesticides on the contract sites to the appropriate supervisor.

Additional Conditions

The Contractor shall be subject to implementing changes to its pest management techniques depending upon changes in regulations or interpretations of regulations by, but not limited to, the following organizations:

- ◆ California Department of Fish and Game
- ◆ California Department of Pesticide Regulation
- ◆ Environmental Protection Agency
- ◆ California Regional Water Quality Control Board
- ◆ California State Department of Water Resources
- ◆ Municipal or County regulatory agencies

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.

City of Fairfield contract documents with private contractors providing services to the City of Fairfield on public properties specify that contractors are prohibited from using Category 1 pesticides.

Section 10 - Provision C.10 Trash Load Reduction

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

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

Description:

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

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

Description:

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

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

Description:

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

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

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

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)

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

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

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

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

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Storm Drain Marking	June 2010	Install 220 stencils	unknown	Public awareness
Litter removal in creeks	April 2010	Added 4 creek sections	12 ½ cubic yards of trash	Paper products, bottles, fast food containers
Install trash cans along Ledge wood creek access road	Summer 2009	2 garbage cans	6 cubic yards	Cans, bottles, paper, food wrappers

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 FSURMP Program FY 2009/10 Report.

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 FSURMP Program FY 2009/10 Report.

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

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

Summary:

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

Section 12 - Provision C.12 PCBs Controls

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

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

Description:

See FSURMP Program FY 2009/10 Report.

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.

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

Section 13 - Provision C.13 Copper Controls

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

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

	Yes		No
--	-----	--	----

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

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

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

	Yes		No
--	-----	--	----

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

C.13.c ► Vehicle Brake Pads

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

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

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

Summary: See FSURMP Program FY 2009/10 Report.

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

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

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

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

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

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

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

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

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

Is your agency a water purveyor?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If No , skip to C.15.b.vi.(2):				
If Yes , Complete the attached reporting tables or attach your own table with the same information. 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.				
In February 2010 to meet the new monitoring and data tracking requirements we began taking turbidity, PH, and chlorine residual measurements of water discharged during the City of Fairfield flushing program of our potable water system. These measurements along with the duration, estimated volume, and location of the discharge are recorded daily on an Excel spread sheet.				
Since the implementation of these practices we have refined our process and are now measuring residual chlorine downstream of our de-chlorination method. We previously measured the chlorine residual at the hydrant prior to de-chlorination process.				

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

<p>Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:</p> <ul style="list-style-type: none"> • Promote conservation programs • Promote outreach for less toxic pest control and landscape management • Promote use of drought tolerant and native vegetation • Promote outreach messages to encourage appropriate watering/irrigation practices • Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.
<p>Summary:</p> <p>Summary: See FSURMP Program FY 2009/10 Report.</p>

City of Fairfield - Water Department
 Fairfield-Suisun Urban Runoff Management Program
 Planned Discharge Monitoring - MRP C. 15 Compliance

Site / Location	Type of Discharge	Receiving Water Body	Date, Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (GPD)	*Chlorine Residual pre-dechlorination (mg/L)	PH	Receiving Water Turbidity (NTU)	Point of Discharge Turbidity (NTU)	BMPs implemented
Canyon Hills	Flushing		2/16/2010	10 minutes	13,000		0.31			1.97	
Canyon Hills	Flushing		2/16/2010	10 minutes	13,000					1.49	
Autumn Meadows	Flushing		2/16/2010	10 minutes	13,000					0.45	
Stillspring Ct.	Flushing		2/16/2010	10 minutes	13,000					0.25	
Autumn Meadows	Flushing		2/16/2010	20 minutes	26,000	156,000				0.37	
Canyon Hills	Flushing		2/17/2010	15 minutes	19,500		0.12			1.52	
Green Willow Ct.	Flushing		2/17/2010	10 minutes	13,000					5.86	
Wildflower Ct.	Flushing		2/17/2010	10 minutes	13,000					2.39	
Heatherfield Ct.	Flushing		2/17/2010	10 minutes	13,000	117,000				0.5	
Dawnview Pl.	Flushing		2/18/2010	20 minutes	26,000		0.41			4.32	
Dawnview Pl.	Flushing		2/18/2010	15 minutes	19,000					2.97	
Oliveglen Dr.	Flushing		2/18/2010	10 minutes	13,000					0.31	
Maplegate Ct.	Flushing		2/18/2010	15 minutes	19,000					0.95	
Gentle Creek	Flushing		2/18/2010	20 minutes	26,000	206,000				0.43	
Clarendon	Flushing		2/22/2010	15 minutes	19,500		0.23			1.98	
Deer Spring Ct.	Flushing		2/22/2010	10 minutes	13,000					0.5	
Summerset	Flushing		2/22/2010	10 minutes	13,000					1.04	
Hummingbird Dr.	Flushing		2/22/2010	10 minutes	13,000					0.8	
Gingerwood Pl.	Flushing		2/22/2010	20 minutes	26,000					0.3	
Hummingbird Dr.	Flushing		2/22/2010	10 minutes	13,000	195,000				0.56	
Summerset	Flushing		2/23/2010	15 minutes	19,500		0.14			2.15	
Summerset	Flushing		2/23/2010	10 minutes	13,000					0.31	
Leaning Oak	Flushing		2/23/2010	10 minutes	13,000					1.34	
Bramblewood	Flushing		2/23/2010	20 minutes	23,000					3.71	
Highland Cir.	Flushing		2/23/2010	10 minutes	13,000					0.48	
Highland Cir.	Flushing		2/23/2010	10 minutes	13,000					0.44	
Highland Cir.	Flushing		2/23/2010	20 minutes	26,000	241,000				0.36	
Roseleaf Ct.	Flushing		2/24/2010	15 minutes	19,500		0.09			0.56	
Feathergrass Ct.	Flushing		2/24/2010	20 minutes	26,000					0.25	

Roseleaf Ct.	Flushing		2/24/2010	10 minutes	13,000				25.5	1.24	
North Ridge Way	Flushing		2/24/2010	10 minutes	13,000					1.66	
Autumn Rose Ct.	Flushing		2/24/2010	10 minutes	13,000	169,000				0.5	
Cresthaven Ct.	Flushing		2/25/2010	10 minutes	13,000		0.01			0.89	
Stockbridge Dr.	Flushing		2/25/2010	10 minutes	13,000					1.3	
Ridgefield Cir.	Flushing		2/25/2010	10 minutes	13,000					1.86	
Paramount Ct.	Flushing		2/25/2010	10 minutes	13,000					1.33	
Paramount Dr.	Flushing		2/25/2010	10 minutes	13,000					7.69	
Ridgefield Cir.	Flushing		2/25/2010	10 minutes	13,000					2.95	
Brook Way	Flushing		2/25/2010	10 minutes	13,000	182,000				18.7	
Lopes Rd.	Flushing		3/1/2010	20 minutes	26,000		0.48			0.3	
Bridle Ridge Dr.	Flushing		3/1/2010	20 minutes	42,000	136000				0.78	
West America	Flushing		3/2/2010	20 minutes	26,000	26,000	0.03			3.93	
Business Center	Flushing		3/3/2010	10 minutes	13,000		0.02			1.27	
Business Center	Flushing		3/3/2010	10 minutes	13,000					1.39	
Business Center	Flushing		3/3/2010	15 minutes	19,500	91,000				49.3	
Oakwood Dr.	Flushing		3/8/2010	15 minutes	19,500		0.03			3.17	
Knoll Dr.	Flushing		3/8/2010	10 minutes	13,000					3.49	
Oakwood Cir.	Flushing		3/8/2010	10 minutes	13,000					1.53	
Bluebell Ct.	Flushing		3/8/2010	10 minutes	13,000					0.47	
Snowberry Way	Flushing		3/8/2010	10 minutes	13,000	143,000				8.04	
Brave Pl.	Flushing		3/9/2010	15 minutes	19,500		0.04			0.8	
Adagio Dr.	Flushing		3/9/2010	10 minutes	13,000					0.24	
Bridal Ridge	Flushing		3/9/2010	10 minutes	13,000					0.23	
Overture Ln.	Flushing		3/9/2010	15 minutes	19,500	130,000				0.26	
Business Ctr.	Flushing		3/10/2010	10 minutes	13,000					4.18	
Business Ctr.	Flushing		3/10/2010	10 minutes	13,000	52,000					
Bayridge Ct.	Flushing		3/15/2010	15 minutes	19,500		0	7.5		0.31	
Laurel Ridge	Flushing		3/15/2010	10 minutes	13,000					0.49	
Bridal Ridge	Flushing		3/15/2010	10 minutes	13,000					0.3	
Boulder Ridge	Flushing		3/15/2010	10 minutes	13,000					5.96	
Saddle Ridge	Flushing		3/15/2010	10 minutes	13,000					4.46	

Bridal Ridge	Flushing		3/15/2010	10 minutes	13,000	169,000				0.82	
Bayridge Dr.	Flushing		3/16/2010	15 minutes	12,000		0	7.92		0.92	
Bayridge Ct.	Flushing		3/16/2010	10 minutes	9,000			7.85		2.43	
Oakridge Dr.	Flushing		3/16/2010	10 minutes	9,000			7.93		1.66	
Coast Oak Ct.	Flushing		3/16/2010	10 minutes	9,000			7.73		1.34	
Bridal Ridge	Flushing		3/16/2010	10 minutes	9,000	96,000		7.82		0.68	
Oakridge Dr.	Flushing		3/17/2010	10 minutes	10,000		0.3	6.99		0.58	
Meadowridge Dr.	Flushing		3/17/2010	10 minutes	10,000			7.87		0.83	
Sunridge Dr.	Flushing		3/17/2010	10 minutes	10,000			6.94		0.84	
Blue Oak Way	Flushing		3/17/2010	10 minutes	10,000			7.59		0.35	
Oakridge Dr.	Flushing		3/17/2010	10 minutes	10,000	100,000		6.96		0.53	
Springridge Dr.	Flushing		3/18/2010	10 minutes	10,000		0	7.68		2.12	
Eastridge Dr.	Flushing		3/18/2010	10 minutes	10,000			7.54		0.64	
Springridge Way	Flushing		3/18/2010	10 minutes	10,000	60,000		7.87		0.7	
Loch Lomond	Flushing		3/22/2010	10 minutes	13,000		0.12	7.04		6.06	
Pyramid Ct.	Flushing		3/22/2010	10 minutes	13,000			7.46		1.89	
Loch Lomond	Flushing		3/22/2010	10 minutes	13,000			7.05		1.05	
Twin Lakes Ct.	Flushing		3/22/2010	10 minutes	13,000	104,000		7.15		0.51	
Lakeshore Dr.	Flushing		3/23/2010	10 minutes	13,000		0.04	7.56		1.2	
Tahoe Ct.	Flushing		3/23/2010	10 minutes	13,000			7.1		2.2	
Lakeshore Ct.	Flushing		3/23/2010	10 minutes	13,000			7.06		0.97	
Emerald Bay Dr.	Flushing		3/23/2010	10 minutes	13,000			7.12		0.78	
Emerald Bay Dr.	Flushing		3/23/2010	10 minutes	13,000			7.07		0.28	
Glacier Way	Flushing		3/23/2010	10 minutes	13,000	156,000		7.09		0.74	
Lakeshore Dr.	Flushing		3/24/2010	10 minutes	13,000			7.27		1.11	
Mono Ct.	Flushing		3/24/2010	10 minutes	13,000			7.33		1.11	
Lakeshore Dr.	Flushing		3/24/2010	10 minutes	13,000			7.21		0.87	
Golden Prarie Ct.	Flushing		3/24/2010	10 minutes	13,000			7.14		2.12	
Lakeshore Dr.	Flushing		3/24/2010	10 minutes	13,000	130,000		7.19		0.63	
Pavillion Dr.	Flushing		3/25/2010	15 minutes	19,500		0.14	7.19		0.26	
Tapestry Ct.	Flushing		3/25/2010	10 minutes	13,000			7.15		0.69	
Pavillion Ct.	Flushing		3/25/2010	10 minutes	13,000			7.24		0.44	
Pavillion Dr.	Flushing		3/25/2010	10 minutes	13,000			7.22		0.65	

Renaissance Ave.	Flushing		3/25/2010	10 minutes	13,000	143,000		7.27		0.57	
Antiquity Dr.	Flushing		3/29/2010	15 minutes	19,500		0.61	7.31		4.42	
Antiquity Dr.	Flushing		3/29/2010	10 minutes	13,000			7.31		6.36	
Dynasty Ct.	Flushing		3/29/2010	10 minutes	13,000	91,000		7.33		7.81	
Antiquity Dr.	Flushing		3/30/2010	15 minutes	19,500		0.11	7.3		3.54	
Antiquity Dr.	Flushing		3/30/2010	10 minutes	13,000			7.28		1.6	
Antiquity Cir.	Flushing		3/30/2010	10 minutes	13,000			7.48		1.62	
Etruscan Dr.	Flushing		3/30/2010	10 minutes	13,000			7.38		1	
Etruscan Ct.	Flushing		3/30/2010	10 minutes	13,000	143,000		7.32		2.01	
Vintage Valley	Flushing		3/31/2010	15 minutes	19,500		0.75	7.45		2.81	
Dynasty Dr.	Flushing		3/31/2010	10 minutes	13,000			7.41		1.62	
Tuscany Dr.	Flushing		3/31/2010	10 minutes	13,000			7.39		0.87	
Vintage Valley Dr.	Flushing		3/31/2010	10 minutes	13,000			7.44		0.98	
Tuscany Ct.	Flushing		3/31/2010	10 minutes	13,000			7.31		1.22	
Basilica Ct.	Flushing		3/31/2010	10 minutes	13,000	169,000		7.35		0.93	
Venus Dr.	Flushing		4/1/2010	15 minutes	19,500		0.09	7.46		0.77	
Trophy Dr.	Flushing		4/1/2010	10 minutes	13,000			7.38		0.88	
Academy Dr.	Flushing		4/1/2010	10 minutes	13,000	91,000		7.41		0.79	
Abbey Ct.	Flushing		4/5/2010	20 minutes	26,000		0.44	7.44		0.95	
Picasso Ct.	Flushing		4/5/2010	10 minutes	13,000			7.47		0.92	
Palace Ct.	Flushing		4/5/2010	10 minutes	13,000			7.42		0.87	
Abbey Dr.	Flushing		4/5/2010	10 minutes	13,000			7.38		1.02	
Dynasty Dr.	Flushing		4/5/2010	10 minutes	13,000	156,000		7.41		0.73	
Dynasty Dr.	Flushing		4/6/2010	15 minutes	19,500		0.16	7.6		1.17	
Dynasty Dr.	Flushing		4/6/2010	10 minutes	13,000			7.58		0.57	
Dynasty Dr.	Flushing		4/6/2010	10 minutes	13,000			7.83		2.87	
Venetian Dr.	Flushing		4/6/2010	10 minutes	13,000			7.57		1.49	
Venetian Dr.	Flushing		4/6/2010	10 minutes	13,000			7.51		1.23	
Antiquity Dr.	Flushing		4/6/2010	10 minutes	13,000	169,000		7.51		2.91	
Capitola Way	Flushing		4/7/2010	15 minutes	19,500		0.57	7.71		0.57	
Calaveras Dr.	Flushing		4/7/2010	10 minutes	13,000			7.65		2.87	
Calaveras Dr.	Flushing		4/7/2010	10 minutes	13,000			7.7		5.34	
Madrone Dr.	Flushing		4/7/2010	10 minutes	13,000			7.56		1.07	

Calaveras Dr.	Flushing		4/7/2010	10 minutes	13,000			7.72		7.05	
Carmel Way	Flushing		4/7/2010	10 minutes	13,000			7.62		1.97	
Carmel Way	Flushing		4/7/2010	10 minutes	13,000	195,000		7.63		5.87	
Alturas Ct.	Flushing		4/8/2010	15 minutes	19,500		0.86	7.75		1.32	
Vista Serena	Flushing		4/8/2010	10 minutes	13,000			7.75		1.69	
Vista Palomar	Flushing		4/8/2010	10 minutes	13,000			7.74		0.76	
Vista Luna	Flushing		4/8/2010	10 minutes	13,000			7.68		0.87	
Vista Bonita	Flushing		4/8/2010	10 minutes	13,000	143,000		8.02		7.52	
Mankas Blvd.	Flushing		4/12/2010	20 minutes	26,000		0.8	7.64		7.93	
Hastings	Flushing		4/12/2010	10 minutes	13,000	78,000		7.63		13.4	
Winston Dr.	Flushing		4/13/2010	15 minutes	19,500		0.95	7.59		4.2	
Alford Dr.	Flushing		4/13/2010	10 minutes	13,000			7.69		1.76	
Dorland Ct.	Flushing		4/13/2010	10 minutes	13,000			7.68		1.6	
Winston Dr.	Flushing		4/13/2010	10 minutes	13,000			7.61		2.06	
Winston Dr.	Flushing		4/13/2010	10 minutes	13,000			7.58		1.87	
Montezuma Ct.	Flushing		4/13/2010	10 minutes	13,000	169,000		7.63		1.63	
Clippership Dr.	Flushing		4/14/2010	15 minutes	19,500		0.75	7.78		0.72	
Lighthouse Dr.	Flushing		4/14/2010	10 minutes	13,000			7.74		0.39	
Lighthouse Dr.	Flushing		4/14/2010	10 minutes	13,000			7.78		1.34	
Mankas Blvd.	Flushing		4/14/2010	10 minutes	13,000	117,000		7.76		2.37	
Owens Dr.	Flushing		4/15/2010	15 minutes	19,500		1.15	7.71		7.24	
Howe St.	Flushing		4/15/2010	10 minutes	13,000			7.76		2.66	
Larkin Dr.	Flushing		4/15/2010	10 minutes	13,000			7.71		1.02	
Barton Pl.	Flushing		4/15/2010	10 minutes	13,000			7.74		0.93	
Barton Dr.	Flushing		4/15/2010	10 minutes	13,000	143,000		7.7		1.21	
Barbour & Barton	Flushing		4/19/2010	15 minutes	19,500		0.58	7.62		0.9	
Barbour & Markham	Flushing		4/19/2010	10 minutes	13,000			7.51		1.13	
Toland Dr.	Flushing		4/19/2010	10 minutes	13,000			7.56		0.87	
Woodcreek Dr.	Flushing		4/19/2010	10 minutes	13,000	117,000		7.61		1.32	
Waterman Ct.	Flushing		4/20/2010	15 minutes	19,500			7.61		2.32	
Hearst Ct.	Flushing		4/20/2010	10 minutes	13,000			7.58		1.86	
Owens Ct.	Flushing		4/20/2010	10 minutes	13,000			7.59		0.92	
Burbank Dr.	Flushing		4/20/2010	10 minutes	13,000			7.51		0.87	

Bidwell Ct.	Flushing		4/20/2010	10 minutes	13,000	143,000		7.56		1.13	
Miller Dr.	Flushing		4/21/2010	15 minutes	19,500		0.51	7.65		2.16	
Moraga Ct.	Flushing		4/21/2010	10 minutes	13,000			7.58		1.83	
Potrero Way	Flushing		4/21/2010	10 minutes	13,000			7.61		0.91	
Serra Dr.	Flushing		4/21/2010	10 minutes	13,000			7.63		1.12	
Serra Dr.	Flushing		4/21/2010	10 minutes	13,000	143,000		7.55		1.09	
Holiday Ln.	Flushing		4/22/2010	20 minutes	26,000		0.53	7.56		1.37	
Holiday Ln. & Oliver	Flushing		4/22/2010	10 minutes	13,000			7.59		2.1	
Oliver & Travis	Flushing		4/22/2010	10 minutes	13,000			7.61		1.17	
Holiday Ln.	Flushing		4/22/2010	10 minutes	13,000			7.58		0.93	
Travis Blvd.	Flushing		4/22/2010	10 minutes	13,000	156,000		7.55		1.41	
Orchardview	Flushing		4/26/2010	15 minutes	19,500		0.75	7.63		2.56	
Nephi Dr.	Flushing		4/26/2010	10 minutes	13,000			7.55		1.47	
Kolob Dr.	Flushing		4/26/2010	10 minutes	13,000			7.59		1.17	
Kolob Dr.	Flushing		4/26/2010	10 minutes	13,000			7.58		1.08	
Burbank Dr.	Flushing		4/26/2010	10 minutes	13,000			7.54		1.37	
Burbank Dr.	Flushing		4/26/2010	10 minutes	13,000	169,000		7.56		0.86	
Larchmont Dr.	Flushing		4/27/2010	15 minutes	19,500		0.63	7.54		3.14	
Larchmont Ct.	Flushing		4/27/2010	10 minutes	13,000			7.53		2.62	
Larchmont Cir.	Flushing		4/27/2010	10 minutes	13,000			7.57		1.18	
Norwalk Pl.	Flushing		4/27/2010	10 minutes	13,000			7.61		0.65	
Norwalk Way	Flushing		4/27/2010	10 minutes	13,000	143,000		7.58		1.13	
Standish Ct.	Flushing		4/28/2010	15 minutes	19,500		0.72	7.85		0.62	
Augusta Ct.	Flushing		4/28/2010	10 minutes	13,000			7.71		1.08	
Norwalk Pl.	Flushing		4/28/2010	10 minutes	13,000			7.7		1.16	
Portsmouth Ct.	Flushing		4/28/2010	10 minutes	13,000			7.69		0.83	
Salisbury Ct.	Flushing		4/28/2010	10 minutes	13,000	143,000		7.75		1.12	
Astoria Dr.	Flushing		4/29/2010	15 minutes	19,500		0.62	7.85		3.87	
Waterbury Way	Flushing		4/29/2010	10 minutes	13,000			7.71		2.76	
Quincy Ct.	Flushing		4/29/2010	10 minutes	13,000			7.79		1.73	
Astoria Dr.	Flushing		4/29/2010	10 minutes	13,000			7.81		0.87	
Astoria Dr. & Plymouth Ct.	Flushing		4/29/2010	10 minutes	13,000	143,000		7.79		1.11	

