

**CITY COUNCIL**  
Pedro "Pete" Sanchez, *Mayor*  
Mike Hudson, *Mayor ProTem*  
Jane Day  
Michael Segala  
Lori Wilson



**CITY COUNCIL MEETING**  
First and Third Tuesday  
Every Month

## **CITY OF SUISUN CITY**

**701 Civic Center Blvd.  
Suisun City, California 94585**

**Incorporated October 9, 1868**

September 15, 2013

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

Attention: Ms. Selina Louie, Water Resources Control Engineer

Reference: Fairfield-Suisun Urban Runoff Management Program - FY 2012-2013 Annual Report

Dear Mr. Wolfe:

The attached FY 2012-2013 Annual Report represents the Fairfield-Suisun Urban Runoff Management Program's responses to the items requested per Provision C.16 of NPDES Permit No. CA S612008 (Permit) as adopted on October 14, 2009 via Order No. R2-2009-0074. This letter also transmits by reference the BASMAA Regional Supplements to the Annual Report for FY 2012-2013.

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

Sincerely,

Kevin Moirano, Senior Inspector  
for  
Daniel A. Kasperson  
Building and Public Works Director

C: Lee Evans, Associate Engineer/Project Manager

DEPARTMENTS: AREA CODE (707)  
ADMINISTRATION 421-7300 ■ PLANNING 421-7200 ■ BUILDING 421-7310 ■ FINANCE 431-7320  
FIRE 425-9133 ■ RECREATION & COMMUNITY SERVICES 421-7200 ■ POLICE 421-7373 ■ PUBLIC WORKS 421-7340  
REDEVELOPMENT AGENCY 421-7309 FAX 421-7366

**ATTACHMENT B**

**Table of Contents**

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

Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Suisun City				
Population:	28,330				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2009-0074R				
Reporting Time Period (month/year):	July 2012 through June 2013				
Name of the Responsible Authority:	Daniel A. Kasperson			Title:	Building & Public Works Director
Mailing Address:	701 Civic Center Blvd.				
City:	Suisun City	Zip Code:	94585	County:	Solano
Telephone Number:	Telephone Number:	707-421-7340		Fax Number:	707-429-3758
E-mail Address:	E-mail Address: <a href="mailto:dan@suisun.com">dan@suisun.com</a>				
Name of the Designated Stormwater Management Program Contact (if different from above):	Lee Braddock Evans		Title:	Associate Engineer/Project Manager	
Department:	Building and Public Works Dept. – Engineering				
Mailing Address:	701 Civic Center Blvd.				
City:	Suisun City	Zip Code:	94585	County:	Solano
Telephone Number:	707-421-7343		Fax Number:	707-429-3758	
E-mail Address:	<a href="mailto:levans@suisun.com">levans@suisun.com</a>				

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 and BASMAA's Regional Annual Report for FY 2012-2013 for a summary of activities conducted program-wide and regionally on the City's behalf.

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

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

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

Comments:

**NONE**

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

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

<b>Y</b>	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
<b>Y</b>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments: **NONE**

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

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

<b>N/A</b>	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
<b>Y</b>	Control of discharges from graffiti removal activities
<b>Y</b>	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
<b>Y</b>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
<b>Y</b>	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
<b>Y</b>	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments:  
**NONE**

**C.2.d. ► Stormwater Pump Stations**

Does your municipality own stormwater pump stations:  **X** **Yes**  **No**

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

Complete the following table for dry weather DO monitoring and inspection data for pump stations<sup>1</sup> (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt.

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
Storm water Pump Stations are owned by the City of Suisun City, but are operated and maintained by the Fairfield-Suisun Sewer District. See Program Annual Report for monitoring information.	N/A	N/A	N/A	N/A

<sup>1</sup> DO monitoring is exempted where all discharge from a pump station remains in a stormwater collection system or infiltrates into a dry creek immediately downstream.


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

Summary: NA  
 Attachments: NA

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

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)
Stormwater Pump Stations are owned by the City of Suisun City but are operated and maintained by the Fairfield-Suisun Sewer District. See Program Annual Report for monitoring information.	N/A	N/A	N/A	N/A	N/A	N/A

C.2.e. ► Rural Public Works Construction and Maintenance					
Does your municipality own/maintain rural <sup>2</sup> roads:		<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If your answer is <b>No</b> then skip to <b>C.2.f.</b>					
Place a <b>Y</b> in the boxes next to activities where applicable BMPs were implemented. If not applicable, type <b>NA</b> in the box and provide an explanation in the comments section below. Place an <b>N</b> in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.					
<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: N/A					

<sup>2</sup> 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):

- We do not have a corporation yard
- Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
- We have a **Stormwater Pollution Prevention Plan (SWPPP)** for the Corporation Yard(s)

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

- Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
- Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
- Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
- 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
- Cover and/or berm outdoor storage areas containing waste pollutants

Comments:  
**None**

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
Suisun City Corp Yard	12/27/2012	Sand pile was uncovered.	Purchased new tarps and covered pile.

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

**C.3.b.v.(2)(a) ► 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:

The C.3 New Development and Redevelopment section of the Program's FY 12-13 Annual Report includes a description of activities conducted at the countywide or regional level.

As part of the City of Suisun City's involvement in the New Development Subcommittee, the City is aware that the other co-permittees are proposing projects to construct the minimum ten (10) pilot Green Street Projects that are required as part of the MRP. The City will continue to work with the other co-permittees as part of the New Development Subcommittee to ensure that these ten (10) pilot Green Street Projects are constructed.

The City continues to look at the possibility of implementing Green Streets into future projects.

**C.3.b.v.(2)(c) ► Summary of Green Street Projects Completed by January 1, 2013**

(For FY 12-13 Annual Report only) Provide a summary of all green street projects completed by January 1, 2013.

Summary:

BASMAA has prepared a regional summary of all Green Street Pilot Projects. The Green Street Pilot Project Summary Report is being submitted by BASMAA, on behalf of the MRP permittee's, in BASMAA's MRP FY 12-13 Regional Supplement – New Development and Redevelopment. The Green Streets Pilot Project Summary Report contains all of the required elements listed in Provision C.3.b.v.(2)(c) for all Green Street Projects completed by January 1, 2013, as well as information on projects not yet completed.

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

Fill in attached table C.3.b.v.(1) or attach your own table including the same information. **Permittee did not approve any Regulated Projects during the reporting period (fiscal year).**

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

	<input type="checkbox"/>		<input checked="" type="checkbox"/>
(For FY 11-12 Annual Report and each Annual Report thereafter) Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?	<input type="checkbox"/>	Yes	No
Comments (optional): <b>None</b>			

**C.3.e.vi ► Special Projects Reporting**

1. Has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?	<input type="checkbox"/>	Yes	No
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2013 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.	<input type="checkbox"/>	Yes	No
If you answered "Yes" to either question, 1) Complete Table C.3.e.vi. below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. <b>N/A</b>			

**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.

Summary:  
**The majority of the Stormwater Treatment Systems that have been installed, including the ones installed this past year, have been vegetated/bio-swales, along with a few Hydrodynamic Separators (previously approved for use). Field inspections of all of the systems showed either no issues or only minor issues. All separators continue to work effectively.**

(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).

Summary: **The Operations & Maintenance (O&M) Program continues to work effectively. As stated above, field inspections have shown that there are few if any maintenance problems with the systems. As a result, no suggested changes are proposed at this time.**

(4) During the reporting year, did your agency:

• Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation?	X	Yes		No		Not applicable. No new facilities were installed.
• Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls? <sup>3</sup>	X	Yes		No		Not applicable. No treatment measures
• Inspect at least 20 percent of the total number of installed vault-based systems?	X	Yes		No		Not applicable. No vault systems.

If you answered "No" to any of the questions above, please explain:

N/A

<sup>3</sup> If there is only 1 treatment measure in the jurisdiction, the agency must inspect it every year.

**C.3.i. ► Required Site Design Measures for Small Projects and Detached Single Family Home Projects**

On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training.

Summary:  
BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i as a resource for Co-permittees. We have modified local ordinances/policies/procedures and forms/checklists to require all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i. We are using the following Program and BASMAA products for C.3.i implementation:

- BASMAA's Site Design Fact Sheets

**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 <sup>10</sup> , Street Address	Name of Developer	Project Phase No. <sup>11</sup>	Project Type & Description <sup>12</sup>	Project Watershed <sup>13</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ff <sup>2</sup> ) <sup>14</sup>	Total Replaced Impervious Surface Area (ff <sup>2</sup> ) <sup>15</sup>	Total Pre- Project Impervious Surface Area <sup>16</sup> (ff <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>17</sup> (ff <sup>2</sup> )
<b>Private Projects</b>											
No Projects in Suisun City	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Public Projects</b>											
No Projects in Suisun City	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments: NONE											

<sup>10</sup> Include cross streets

<sup>11</sup> If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

<sup>12</sup> 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.

<sup>13</sup> State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

<sup>14</sup> All impervious surfaces added to any area of the site that was previously existing pervious surface.

<sup>15</sup> All impervious surfaces added to any area of the site that was previously existing impervious surface.

<sup>16</sup> For redevelopment projects, state the pre-project impervious surface area.

<sup>17</sup> 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 (private projects)**

Project Name Project No.	Application Deemed Complete Date <sup>18</sup>	Application Final Approval Date <sup>19</sup>	Source Control Measures <sup>20</sup>	Site Design Measures <sup>21</sup>	Treatment Systems Approved <sup>22</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>23</sup>	Hydraulic Sizing Criteria <sup>24</sup>	Alternative Compliance Measures <sup>25/26</sup>	Alternative Certification <sup>27</sup>	HM Controls <sup>28/29</sup>
<b>Private Projects</b>										
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Comments:  
NONE

<sup>18</sup> For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

<sup>19</sup> For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

<sup>20</sup> 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.

<sup>21</sup> 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.

<sup>22</sup> 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.).

<sup>23</sup> 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.

<sup>24</sup> See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

<sup>25</sup> 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.

<sup>26</sup> 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.

<sup>27</sup> Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>28</sup> If HM control is not required, state why not.

<sup>29</sup> 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 (public projects)**

Project Name Project No.	Approval Date <sup>30</sup>	Date Construction Scheduled to Begin	Source Control Measures <sup>31</sup>	Site Design Measures <sup>32</sup>	Treatment Systems Approved <sup>33</sup>	Operation & Maintenance Responsibility Mechanism <sup>34</sup>	Hydraulic Sizing Criteria <sup>35</sup>	Alternative Compliance Measures <sup>36/37</sup>	Alternative Certification <sup>38</sup>	HM Controls <sup>39/40</sup>
<b>Public Projects</b>										
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Comments:  
NONE

<sup>30</sup> For public projects, enter the plans and specifications approval date.

<sup>31</sup> 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.

<sup>32</sup> 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.

<sup>33</sup> 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.).

<sup>34</sup> List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

<sup>35</sup> See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

<sup>36</sup> 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.

<sup>37</sup> 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.

<sup>38</sup> Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>39</sup> If HM control is not required, state why not.

<sup>40</sup> If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) <sup>41</sup>	Party Responsible <sup>42</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>43</sup>	Type of Treatment/HM Control(s) Inspected <sup>44</sup>	Inspection Findings or Results <sup>45</sup>	Enforcement Action Taken <sup>46</sup>	Comments/Follow-up
Railroad Ave CDS	Railroad Avenue, within Suisun City	NO	City of Fairfield	7-8-13	Routine	CDS Unit	City crew cleaned approx. ½ CY of material from unit	N/A	Unit installed in June 2012.
Hampton Inn Suites	2 Harbor Center	NO	Hampton Inn	6-27-13	Routine	Vegetated Swale Bioretention Vortex Separator	Clean - No Debris	N/A	When cleaned they removed about ten pounds of sand and gravel.
Amber Subdivision	429 Amber Drive	NO	City of Suisun City	7-12-13	Routine	Hydrodynamic separator	Clean - No Debris	N/A	Roto Rooter performed cleaning.
Gray Hawk Sub	Gray Hawk Lane	NO	City of Suisun City	6-18-13	Routine	Hydrodynamic separator	Clean - No Debris	N/A	Roto Rooter performed cleaning.
Summerwood	116 Sunshine Street	NO	Summerwood HOA	6-19-13	Routine	Vegetated Swale Bioretention Hydrodynamic separator	Clean - No Debris	N/A	Cleaned twice year by SWIMS.
Cottonwood Apartments	202 Railroad Avenue	NO	Bridge Housing	6-18-13	Routine	Vegetated Swale Bioretention	Clean - No Debris	N/A	Weekly Maintenance.
Breezewood Apartments	1359 Worley Road	NO	Breezewood Management	6-24-13	Routine	Vortex Separator	Clean - No Debris	N/A	Roto Rooter performed cleaning.
Railroad Avenue Storage	515 Railroad Avenue	NO	Storage Management	7-18-13	Routine	2-Catch basin	Owner replaced inserts	N/A	None

<sup>41</sup> Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

<sup>42</sup> State the responsible operator for installed stormwater treatment systems and HM controls.

<sup>43</sup> State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

<sup>44</sup> 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.

<sup>45</sup> State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

<sup>46</sup> State the enforcement action(s) taken, if any.

**C.3.e.vi. Special Projects Reporting Table**  
**Reporting Period – January 1 – June 30, 2013**

Project Name & No.	Permittee	Address	Application Submittal Date <sup>47</sup>	Status <sup>48</sup>	Description <sup>49</sup>	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category <sup>50</sup>	LID Treatment Reduction Credit Available <sup>51</sup>	List of LID Stormwater Treatment Systems <sup>52</sup>	List of Non-LID Stormwater Treatment Systems <sup>53</sup>
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Category A: Category B: Category C: Location: Density: Parking:	Category A: Category B: Category C: Location: Density: Parking:	Indicate each type of LID treatment system and the percentage of total runoff treated	Indicate each type of non-LID treatment system and the percentage of total runoff treated. Indicate whether minimum design criteria met or certification received

**NO SPECIAL PROJECTS WITHIN THE CITY OF SUISUN CITY TO REPORT.**

<sup>47</sup> Date that a planning application for the Special Project was submitted.

<sup>48</sup> Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

<sup>49</sup> Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

<sup>50</sup> For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

<sup>51</sup> For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

<sup>52</sup> List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

<sup>53</sup> List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

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

<b>Program Highlights</b>
Provide background information, highlights, trends, etc.
<p>The Program contracts with the Solano County Department of Resource Management to conduct stormwater inspections of industrial, commercial and food handling businesses within the Program area. The Program updates the Business Inspection Plan as necessary to keep the document current. Changes are made to facilities lists upon observations of facilities closing or a change in compliance status resulting in a reduction or increase in inspection frequency. Specific information on the number of facilities inspected, types of violations incurred and resolution of violations within reasonable time periods is included later in this section of the 2012/2013 Annual Report as required by the Water Board.</p> <p>Training of Health Inspectors was performed on February 7, 2013. The focus of the training was consistency in enforcement levels, enforcement authority; city stormwater ordinances; high-priority facilities needed to be inspected during the fiscal year and enforcement levels associated with illegal discharges. All facilities on the Facilities to be Inspected list were inspected during FY 2012- 2013.</p> <p>The Program Management team meets on a monthly basis to discuss important Program issues including commercial, industrial and restaurant inspections. The Program also participates in the Municipal Operations Committee meeting on a regional level.</p>

<b>C.4.b.i. ► Business Inspection Plan</b>
Do you have a Business Inspection Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If No, explain:

<b>C.4.b.iii.(1) ► Potential Facilities List</b>
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.
<p>The Potential Facilities List was generated at the Program level and distributed to the City for submittal in our Annual Report. See the attached Potential Facilities List.</p>

**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.

The Facilities Scheduled for Inspection list was generated at the Program level and distributed to the cities for submittal in their Annual Report. See the attached Facilities Scheduled for Inspection List.

**C.4.c.iii.(1) ► Facility Inspections**

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

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

	Number	Percent
Number of businesses inspected	73	
Total number of inspections conducted	81	
Number of violations (excluding verbal warnings)	5	
Sites inspected in violation	6	7%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	6	100%

Comments:

**1. Violation Explanation:**

The Program industrial-commercial and restaurant inspection forms have been designed so that when a facility is seen as being free of violations and without threat to the environment, all of the inspection form line items are checked “yes” and the “In Compliance With Pollution Control Requirements?” box is also checked “yes”.

Facilities that need to be directed to pursue certain activities which are occurring on-site (ie. oil spots in the parking lot) and are given a “no”, under: A.2: Exterior Surfaces, Storm Drains, Loading Dock Drains, Manholes, and Sanitary Sewer Cleanouts Free of Chemical Stains and Oil Stains. When the facility is given a yes for “In Compliance With Pollution Control Requirements?”, this does not result in a violation for the facility.

All inspection reports where the “no” box is marked in the checklist area and the facility is seen as not being “In Compliance With Pollution Control Requirements?” are incorporated into the “Number of violations” totaled above. The level of enforcement of the offense is delineated in an annual training given to the inspectors as described in the Program ERP.

2. Violations not resolved within 10 days or otherwise deemed resolved in a longer but still timely manner:

All violations were resolved within a 10 day period.

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

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	0
Potential discharge and other	5
Comments: The Program counts one discharge per source of discharge per inspection per site, therefore the number of violations issued is greater than the number of enforcement actions taken, as there is a single enforcement action per inspection.	

**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) <sup>48</sup>	Number of Enforcement Actions Taken	% of Enforcement Actions Taken <sup>49</sup>
Level 1	Warning	6	Warning
Level 2	Minor Violation	0	Minor Violation
Level 3	Major Violation	0	Major Violation
Level 4	Legal Action	0	Legal Action
<b>Total</b>		6	

<sup>48</sup> Agencies to list specific enforcement actions as defined in their ERPs.

<sup>49</sup> Percentage 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 <sup>50</sup>	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Eating and Drinking Places	0	3
Automotive and Repair Services	0	2
Total	0	5

**C.4.c.iii.(4) ▶ Non-Fileers**

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

No non-filers were identified.

**C.4.d.iii ▶ Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Fairfield Suisun Urban Runoff Program Commercial, Industrial, and Food Handling Annual Refresher Training	February 7, 2013	Enforcement authority; city stormwater ordinances; high-priority facilities needed to be inspected this fiscal year; enforcement levels associated with illegal discharges.	10	91 %

<sup>50</sup> List your Program's standard business categories.

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

<b>Program Highlights</b>
Provide background information, highlights, trends, etc.
The Program Manager participates in BASMAA's monthly Municipal Maintenance and Commercial/ Industrial Controls meeting. Additionally, monthly Stormwater Management meetings are held at the Program level to discuss illicit discharge detection and elimination and screening protocol. Both cities utilize the Program's Illicit Discharge Detection and Elimination Program Manual to assist them in identification, detection and elimination of illicit discharges throughout Suisun City.

<b>C.5.c.iii ► Complaint and Spill Response Phone Number and Spill Contact List</b>									
List below or attach your complaint and spill response phone number and spill contact list.									
<table border="1"> <thead> <tr> <th>Contact</th> <th>Description</th> <th>Phone Number</th> </tr> </thead> <tbody> <tr> <td>Daniel A. Kasperon</td> <td>Building &amp; Public Works Director</td> <td>707-421-7316</td> </tr> <tr> <td>Jeff Penrod</td> <td>Public Works Superintendent</td> <td>707-421-7349</td> </tr> </tbody> </table>	Contact	Description	Phone Number	Daniel A. Kasperon	Building & Public Works Director	707-421-7316	Jeff Penrod	Public Works Superintendent	707-421-7349
Contact	Description	Phone Number							
Daniel A. Kasperon	Building & Public Works Director	707-421-7316							
Jeff Penrod	Public Works Superintendent	707-421-7349							

<b>C.5.d.iii ► Evaluation of Mobile Business Program</b>
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.
<p>Description:</p> <p>The Program participated in BASMAA's monthly Municipal Maintenance and Commercial Industrial Controls meeting. Additionally, monthly meetings are held at the Program level to discuss illicit discharge detection and elimination. Also, in FY 2012/2013, BASMAA and its Permittees scoped and budgeted for a new project to enhance the existing Surface Cleaner Training and Recognition program in several ways. See BASMAA's FY 2012/2013 MRP Regional Supplement for Training and Outreach Annual Report on mobile surface cleaners updates.</p>

<b>C.5.e.iii ► Evaluation of Collection System Screening Program</b>
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.
<p>Description:</p> <p>The Program has developed and the City of Suisun City has implemented a screening program which utilizes the US EPA/Center for Watershed Protection publication, "Illicit Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assistance."</p>

Per the MRP, the City is required to perform surveys at “strategic collection system check points (one screening point per square mile of Permittee urban and suburban jurisdiction area, less open space) including some key major outfalls draining industrial areas once each year in dry weather conditions meaning no significant rainfall within the past 3 weeks”. The MRP allows “Routine surveys that occur on an ongoing basis during regular conveyance system inspections may be credited toward this requirement.”

The City of Suisun City consists of 4 square miles of land, which means that the City is required to perform 4 screening point inspections on an annual basis. This past year, the City of Suisun City performed these inspections on September 22, 2012 under the requirements mentioned above. Representative sites included industrial, commercial and residential locations. The data from each site is recorded on separate storm system screening forms. As stated above, these inspections occurred with a minimum of three weeks antecedent dry weather.

In FY 2012-2013, City of Suisun City inspected multiple areas throughout the City and staff conducted well over the minimum number of inspections required. In addition to the 4 screening points mentioned above, the City of Suisun City inspected 425 catch basin inlets in FY 12-13, and approximately 35 cubic yards of debris was removed from the catch basins. It was noted that most of the debris found were leaves and other organic matter, with only minor sediment and trash. The trash was made up of mostly plastic debris. There were no major problems found during inspection.

**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))	38	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	22	58%
Discharges resolved in a timely manner (C.5.f.iii.(3))	38	100%

Comments:

There was a marked increase in Discharges during the reporting period. This increase is a result of heightened awareness by the City’s Code Enforcement Officers.

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

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

The following Discharge Summary includes data gathered primarily by the City’s Code Enforcement Officers: The majority of the complaints involve landscape materials or landscape stock piles, fluid leaking from vehicles, and fluids left on side of road, concerns of neighbors using pesticides, trash and litter on roadway, and construction debris stored on right-of-way.

Discharge Type	# of Complaints
Landscape Material	14
Concrete/Mortar	0
Paint/Paint Products	0
Construction Debris	1
Motor Oil/Anti-Freeze	8
Chemicals (pesticides/fertilizer)	2
Trash/Litter	3
Sediment/Silt	0
Food Waste	0
Other	16

- Please note that several locations had more than one type of discharge violation occurring.

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals		
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
#	#	#
0	2	24
Comments: Of the two sites listed above one was private (the Grading Plan for New Development off Walters Road) and the other was a City CIP Project (Grizzly Island Trail).  For the private project listed above, the contractor would call for inspection of site improvements. The City project inspector was there daily.		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
Guidance: Do not leave any cells blank.		
BMP Category	Number of Violations <sup>51</sup> excluding Verbal Warnings	% of Total Violations <sup>52</sup>
Erosion Control	None	0
Run-on and Run-off Control	None	0
Sediment Control	None	0
Active Treatment Systems	None	0
Good Site Management	None	0
Non Storm water Management	None	0
<b>Total<sup>53</sup></b>		<b>100%</b>

<sup>51</sup> Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category. For example, if during one inspection at a site, there are 2 erosion control violations, only 1 violation would be counted for this table.

<sup>52</sup> Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

<sup>53</sup> The total number of violations may count more than one violation per inspection, since some inspections may result in violations in more than one category. For example, during one inspection of a site, there may have been both an erosion control violation and a sediment control violation. For this reason, the total number of violations in this table may not match the total number of enforcement actions reported in Table C6.e.iii.1.e.

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

	Enforcement Action (as listed in ERP) <sup>54</sup>	Number Enforcement Actions Issued	% Enforcement Actions Issued <sup>55</sup>
Level 1 <sup>56</sup>	Verbal Notice/Warning	0	0
Level 2	Notice to Comply	0	0
Level 3	Notice of Violation	0	0
Level 4	Stop Work/Administrative Fine (Legal action)	0	0
<b>Total</b>			<b>100%</b>

**C.6.e.iii.1.f, g ▶ Illicit Discharges**

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

<sup>54</sup> Agencies should list the specific enforcement actions as defined in their ERPs.

<sup>55</sup> Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<sup>56</sup> For example, Enforcement Level 1 may be Verbal Warning.

<b>C.6.e.iii.1.h, i ▶ Violation Correction Times</b>		
	<b>Number</b>	<b>Percent</b>
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	0	% <sup>57</sup>
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	% <sup>58</sup>
<b>Total number of violations (excluding verbal warnings) for the reporting year<sup>59</sup></b>	<b>0</b>	<b>100%</b>
<b>Comments:</b> <b>THERE WERE NO VIOLATIONS</b>		

<b>C.6.e.iii.(2) ▶ Evaluation of Inspection Data</b>
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:  <b>The amount of problems encountered in field is considered to be none or very low, Due to training and MRP efforts the City puts a high priority effort on the BMP and contractor responsibilities to maintain SWPPP.</b>

<b>C.6.e.iii.(2) ▶ Evaluation of Inspection Program Effectiveness</b>
Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.
Description: <b>In April of 2012, a training session was held with all of the Building and Public Works inspectors and their managers to go over the inspection forms and discuss storm water quality inspections in general (see Section C.6.f). The training session was very informative and helped to make sure that all of the inspectors were consistently looking at the same issues in the field and completing the inspection forms correctly. A Follow-up meeting/training session was held on June 2013 with the Building Inspectors to go over any questions or concerns they had.</b>

<sup>57</sup> Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.  
<sup>58</sup> Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.  
<sup>59</sup> The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions. I.e., This assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

**C.6.f ▶ Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Storm Water Inspection	July 2012	Construction Site Inspection Report	4	100%

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

**C.7.a ▶ Storm Drain Inlet Marking (existing storm drains)**

(For FY 12-13 Annual Report only) Report prior years' estimated annual percentages of municipality maintained storm drain inlet markings inspected and maintained as legible with a no dumping message or equivalent. At least 80% of municipality-maintained storm drain inlet markings shall be inspected and maintained at least once per 5-year permit term.

Summary:

2009-10: 20 %

2010-11: 20 %

2011-12: 20 %

2012-13: 20 %

**C.7.a ▶ Storm Drain Inlet Marking (newly-constructed, privately-maintained streets)**

(For FY 12-13 Annual Report only) Report prior years' annual number of projects accepted after inlet markings were verified. For newly-approved, privately-maintained streets, permittees shall require inlet marking by the project developer upon construction and maintenance of markings through the development maintenance entity. Markings shall be verified prior to acceptance of the project.

Summary:

**No Projects were approved during the last year. However, markings are called out in project plans and specifications. The inspector verifies in the field that the markings are installed per the City's specifications.**

**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:

**The Program is participating in the BASMAA Regional Litter Ad Campaign. BASMAA is also working with a consultant on a Five-Year Strategic Advertising Plan "Our Water, Our World" Pesticides Program. Please see BASMAA FY 2011/2012MRP Regional Supplement for the Training and Outreach Annual Report which contains further details relating to these outreach efforts.**

**The following separate report developed by BASMAA summarizes the activities of the Regional Youth Litter Campaign:**

• **BASMAA Be the Street Campaign Report**

**C.7.b.iii.1 ▶ Pre-Campaign Survey**

*(For the Annual Report following the pre-campaign survey)* Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information:  
The Program is participating in the BASMAA Regional Litter Ad Campaign. Information on the pre-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the FY 12-13 Annual Report  
Place an **X** in the appropriate box below:

<input type="checkbox"/>	Survey report attached
<input checked="" type="checkbox"/>	Reference to regional submittal:

**C.7.c ▶ Media Relations**

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

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

Summary:  
**The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 12-13:**

• **BASMAA Media Relations Final Report FY 12-13**

Please see BASMAA FY 2012/2013 MRP Regional Supplement for the Training and Outreach and Annual Report which contains mores details relating to these outreach efforts conducted during FY 2012/2013.

In FY 12-13 the Program has also participated in the 95.3 KUIC Hometown Green Environmental Campaign. Program members record radio segments on a regular basis which are played daily on KUIC and focus on environmental messages. Messages include: the connectedness of our streets to our local creeks; recycling mercury containing products; trash and litter; proper car washing; recycling; and the reduction of waste by using reusable items.

**C.7.d ► Stormwater Point of Contact**

Summary of any changes made during FY 12-13:

The Program promoted its Point of Contact through the distribution of outreach materials: *You Are the Solution to Water Pollution / Creek and Marsh Watch*. This catchy tri-fold pamphlet provides contact information to report illegal discharges and spills. These outreach materials are given out at nearly every public event that the Program participates in. Contact information is also provided on each of the cities websites.

No other changes.

**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"> <li>• Estimated overall attendance at the event.</li> <li>• Number of people that visited the booth, comparison with previous years</li> <li>• Number of brochures and giveaways distributed</li> <li>• Results of any spot surveys conducted</li> </ul>
Solano County Prescription Take Back Days, September 29, 2012, January 26, 2013, April 27, 2013, June 8, 2013 events were held at the Solano County Sheriff's office. This is a countywide and Program event.	Drug Take Back Events to keep prescription drugs out of our local waterways. Handouts included the Program's You are the Solution to Water.	Over 1,399 pounds of drugs taken back and 256 participants from our Program area.

**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:

The Program conducts an array of activities which qualify for Watershed Stewardship Collaborative Efforts. These efforts are also mentioned in other portions of this Annual Report. **Efforts directed toward Coast and Creek Cleanup result in watershed stewardship collaboration.** Presentations were made to schools and clubs in the Fairfield Suisun Unified School District. The presentations resulted increased number of participants in our creek cleanup events. Creek Captains meetings are also used to encourage public involvement in watershed volunteer 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"> <li>• Number of participants. Any change in participation from previous years.</li> <li>• Distance of creek or water body cleaned</li> <li>• Quantity of trash/recyclables collected (weight or volume).</li> <li>• Number of inlets marked.</li> <li>• Data trends</li> </ul>
Coast and Creek Cleanup; September 15, 2012; 14 cleanup sites throughout Fairfield and Suisun City; this is a Program event.	The Program lead volunteer cleanup of local creeks, marsh and open space areas.	525 volunteers picked up 3,367 pounds of trash and recyclables along 22 miles of waterway. This was a decrease of 100 people from the previous year. It is thought that the decrease in participants is due to the fact that the local high schools have decreased the

		requirements for volunteer hours for graduation, thus reducing the number of volunteers.
Earth Day - April 21, 2012; The Program assisted Mission Solano during this event in downtown Suisun City. The event included a cleanup at 10 sites in the city, a tree planting ceremony and earth friendly vendors. This is a Program event.	The Program assisted in volunteer cleanup of local creeks, marsh and open space areas. ???	Mobilized approximately 55 people collected 2000 pounds of trash in 10 areas along local creeks. Trees also planted.
Community Service Days; on the last Saturday of every month (weather permitting); this is a local event in Fairfield	These are volunteer events that involve picking up litter in various locations throughout the city of Fairfield.	Numbers were not kept, only approximations. Throughout the year, at five different locations throughout the city, there were over 100 people that participated and collected over 240 yards of trash throughout the streets of Fairfield.

**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.
School Water Education Program (SWEP); this Program is available for Kindergarten through 12 <sup>th</sup> grade, and is a Program element.	SWEP provides free water education resources to teach water awareness and conservation to students, teachers and parents in our service areas of Dixon, Vacaville, Fairfield, Suisun City and Travis Air Force Base. The in-class education Programs as well as the resource materials and	8,202 students and 264 teachers were reached throughout the County of Solano.	See attached Annual Summary Report from SWEP.

	<p>assembly Programs are multi-discipline and aligned to the content standards for California public schools. The Programs encourage students and adults to develop a healthy attitude of personal responsibility towards our environment and develop skills needed to contribute meaningfully to decision-making process on issues involving our resources and particularly conserving our most precious resource, water.</p>		
<p>The Watershed Explorers Program; Solano County third-graders. This is a Program element.</p>	<p>This Program is held at Lynch Canyon open space and Hanns Park. The Program utilizes science and placed base learning to build awareness and understanding of local creeks and watersheds, their unique ecosystems and ways in which we care for them. In the field discussions and activities teach children about the fragile habitats of birds and other wildlife. Students learn the importance of water quality in a watershed and discover that can be negatively impacted by urban runoff and its complements: trash, oil, household chemicals and other human and domestic animal waste and discards. Please go to : <a href="http://www.solanorcd.org/">http://www.solanorcd.org/</a> for videos of the Program.</p>	<p>1,198 people and approximately 40 teachers in every city in the county participated in the 2012/13 Program.</p>	<p>See attached Annual Summary Report from The Watershed Explorers Program.</p>
<p>Suisun Marsh Watershed and Wetland Education Program; the classes available to middle schools throughout Solano County.</p>	<p>The Program provides place-based environmental education for underserved middle school students in Solano County. The central Program themes include: watersheds, wetlands, marsh functions, native and</p>	<p>27 classes of approximately 882 students from the Crystal Middle school in Suisun city, Grange Middle</p>	<p>See attached Suisun Marsh Watershed and Wetland Education Program 2012 - 2013 Year End Report</p>

	<p>non-native plants, storm runoff, endangered and threatened species, and watershed connections between their residential communities, Suisun marsh, the San Francisco Bay, and the Pacific Ocean.</p>	<p>school in Fairfield, Vac Pena and Orchard elementary schools in Vacaville and Solano middle school in Vallejo participated in the Program.</p>	
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**C.7.i. ► Outreach to Municipal Officials**

(For FY 12-13 Annual Report only) Summarize outreach conducted to increase the overall awareness of stormwater and/or watershed messages among municipal officials.

Summary:

On April 29, 2013 the Stormwater Program Manager presented to the Fairfield-Suisun Sewer District Board on stormwater management in Fairfield and Suisun City. The Fairfield Suisun Sewer District Board consists of 10 members, five members from each City Council, representing all city Council member's from both cities. Nine of ten Council members were in attendance.

The presentation covered the functionality of the stormwater utility in the two cities, financial issues, regulatory responsibilities of the cities and the Fairfield-Suisun Urban Runoff Management Program. The Sewer District Board was very engaged and a very interactive discussion occurred after the presentation was made.

High-level representatives from both cities' staff were present and also engaged in the discussion. Upon conclusion of the meeting the District Board had a very good understanding on the commitment that needs to be made by the cities to ensure clean water in our local creeks and the Suisun Marsh.

**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

Sampling commenced in March of 2013 with the collection of parameters described in table 8.1 of the MRP. As described in C.8.g, the electronic reporting of status and trends data will be submitted to the Water Board's on January 15, 2014 and will include data collected during the period of September 30, 2012 through October 1, 2013. The second Urban Creeks Monitoring Report will be submitted to the Water Board on March 15, 2014 and will include data collected from the same period of time.

During FY 12-13, the Program contributed to the BASMAA Regional Monitoring Coalition (RMC). In addition, we contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. Monitoring efforts and results are documented in a separate report submitted March 15 of each year, as required in Provision C.8. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Regional Supplement FY 12-13 Annual Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

<b>C.9.b ▶ Implement IPM Policy or Ordinance</b>					
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation. <b>Guidance: List only quantities of organophosphates, pyrethroids, carbaryl and fipronil that are used in a manner that threatens water quality (i.e., are used outdoors and may come in contact with stormwater.)</b>					
Trends in Quantities and Types of Pesticides Used <sup>60</sup>					
Pesticide Category and Specific Pesticide Used	Amount <sup>61</sup>				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	0	0	0	0	
Product or Pesticide Type A	0	0	0	0	
Product or Pesticide Type B	0	0	0	0	
Pyrethroids	0	0	0	0	
Product or Pesticide Type X	0	0	0	0	
Product or Pesticide Type Y	0	0	0	0	
Carbaryl	0	0	0	0	
Fipronil	0	0	0	0	

<b>C.9.c ▶ Train Municipal Employees</b>	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	5
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%

<sup>60</sup> Includes all municipal structural and landscape pesticide usage by employees and contractors.

<sup>61</sup> Weight or volume of the product or preferably its active ingredient, using same units for the product each year. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: allethrin, bifenthrin, beta-cyfluthrin, bioallethrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, fenpropathrin, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (d-phenothrin), tau-fluvalinate, tefluthrin, tetramethrin, tralomethrin, cis-permethrin, and zeta-cypermethrin.

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

<b>C.9.e ▶ Track and Participate in Relevant Regulatory Processes</b>	
Summarize participation efforts, information submitted, and how regulatory actions were affected <b>OR</b> reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.	
Summary: <b>During FY 12-13, the Program participated in regulatory processes related to pesticides through contributions to BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees.</b>	

<b>C.9.f ▶ Interface with County Agricultural Commissioners</b>			
Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary. <b>NA</b>			

**C.9.g. ► Evaluate Implementation of Source Control Actions  
Relating to pesticides**

(For FY 12-13 Annual Report only) Submit a report that evaluates; 1) the effectiveness of control measures implemented, and 2) attainment of pesticide concentration and toxicity targets for water and sediment from monitoring data (Provision C.8.). If needed, the report should include the following:

- Improvements to existing control measures and/or additional control measures required.
- A plan to implement improved and/or new control measures.

Summary:

The City makes sure that there is proper Staff Training and it is complaint with our IMP policy. We are ensuring that contractors are implementing IMP and holding annual meetings with contractors to review pest control practices as well as reviewing the pesticides used by the contractors.

**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:

Point-of-purchase outreach occurred at the following stores in the Fairfield-Suisun area:

Orchard Supply Hardware (Facility currently being converted to Lowe's)  
1500 Oliver Road  
Fairfield, CA 94534  
707-427-8665

Home Depot Fairfield  
2121 Cadenasso Drive  
Fairfield, CA 94533  
707-426-9600

Ace Hardware Suisun (facility closed during the fiscal year)  
252 Sunset Ave.  
Suisun City, CA 94585  
707-428-4223

Based on information received from management at OSH and Home Depot, the percentage increase in their less toxic category are 29% and 22-25% respectively in Northern California.

These numbers are approximate and there were many factors contributing to these increases, including:

1. An early dry spring
2. In improved economy
3. An increased consumer interest and demand in organic and green products
4. Increased selection and higher visibility of less toxic products due to better displays and OWOW participation in end-cap displays
5. Increased participation of OWOW at these retailers ( more call frequency as a whole)
6. Increased participation of OWOW with IPM Advocates at regional road shows and district kick-off meetings where we met with hundreds of employees we never have before reached in such numbers.
7. Increased trainings of Home Depot and OSH employees at OWOW stores
8. Increased tablings at these two retailers

Also, see attached Program report from consultant Annie Joseph regarding Our Water Our World, including other outreach efforts regarding pesticide reduction or the use of less toxic products to pesticides. For additional information on regional efforts, see the Regional Pollutants of Concern Report for FY2012-2013 submitted by BASMAA on behalf of all MRP Permittees.

#### C.9.h.iv ► Pest Control Contracting Outreach

(For FY 12-13 Annual Report only) Document effectiveness of outreach to residents who use or contract for structural or landscape pest control OR reference a regional that summarizes these actions.

Summary:

**Fairfield Suisun Pesticide Applicators Outreach;** In 2012 approximately 19 flyers were sent throughout the Fairfield Suisun jurisdictional area; this was a Program event to promote the Professional Association of Pesticide Applicators (PAPA). Several calls were received back from the pest control operators with the majority of the callers needing clarification as to why the Program was supporting the Association.

See the C.9 Pesticides Toxicity Control section of BASMAA's FY 12-13 Regional Pollutants of Concern Report for a summary of the Program's participation in and contributions towards regional public outreach to pest control operators and landscapers to reduce pesticide use. The Program works closely with Annie Joseph to better understand the real issues associated with pesticide applications. It is through this relationship that the Program understands that a concerted effort should be directed toward the PCOs.

On January 25, 2013, the Program attended the Solano County Master Gardener Training at 501 Texas Street in Fairfield, CA. IPM Consultant Annie Joseph along with the Program manager, provided IPM training for Solano County Master Gardeners, who in turn instruct the general public on safe gardening practices at local farmers' markets and events throughout the county. Program representative on hand to describe connectivity of the streets to our local creeks; the difference between storm water and wastewater and how pesticides can impact the environment.

35 Master Gardeners were in attendance, based on the interaction between the presenters and speakers, the audience was highly engaged. Initial understanding of the direct connection between the streets and creeks appeared to be low. Upon completion of the event the

understanding of the direct connection was very near to 100%.

During outreach events OWOW flyers were prominently displayed. Discussions occurred during the events regarding the control of particular pests. Flyers were described and explained to the individuals expressing interest. The Program elected not to count the number of brochures distributed nor the number of residents contacted. Annually, the Program orders print materials from OWOW. During 2013, 4,500 fact sheets were ordered from BASMAA. Please see attached order form.

Throughout the year multiple announcements of city HHW collection facilities were made. The Program elected not to count the number of brochures distributed nor the number of residents contacted.

**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:

Solano County Master Gardener Training; January 27, 2012; 501 Texas Street , Fairfield, CA. IPM Consultant Annie Joseph along with Program manager, provided IPM training for Solano County Master Gardeners, who in turn instruct the general public on safe gardening practices at local farmers' markets and events throughout the county. Program representative on hand described connectivity of the streets to our local creeks; the difference between storm water and wastewater; the wastewater treatment process; how pesticides can impact the process. 38 Master Gardeners were in attendance, based on the interaction between the presenters and speakers, the audience was highly engaged. Initial understanding of the direct connection between the streets and creeks appeared to be low. Upon completion of the event the understanding of the direct connection was very near to 100%.

See attached Program report from consultant Annie Joseph regarding Our Water Our World, including other outreach efforts regarding pesticide reduction or the use of less toxic products to pesticides. For additional information on regional efforts, see the Regional Pollutants of Concern Report for FY2012-2013 submitted by BASMAA on behalf of all MRP Permittees.

**Response to Water Board Staff Comments on Section 9, Provision C.9, of FY 11-12 Annual Report**

Use this area to respond to any Water Board staff comments on Section 9 of your FY 11-12 Annual Report, and refer to any required submittals that are attached.

As required by the MRP, Suisun City in the Program adopted IPM policies in 2011. Based on comments received by the Water Board on April 3, 2012 Suisun City revised their IPM policy, during fiscal year 2012/13, to reflect the requested changes by the Water Board. Primary changes to Suisun City policies focused on an IPM hierarchy. Suisun City adopted IPM policies very similar to the San Mateo County Storm water Pollution Prevention Program.

Section 10 - Provision C.10 Trash Load Reduction

**C.10.a.iii ▶ Minimum Full Trash Capture (Summary of Actions)**

Provide the following:

- 1) Descriptions of actions/tasks initiated, conducted or completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014), including numbers of devices, device types and total land area treated to-date by full capture devices;
- 2) Descriptions of planned actions/tasks and time schedules for completion;
- 3) A map that includes locations of all full capture devices installed (private and public) to-date and associated treatment areas, trash generation rates/areas, creek/shoreline trash hot spots, and trash management areas defined to-date.
- 4) A summary of maintenance activities implemented for each device or groups of devices, including descriptions of typical maintenance frequencies and issues associated with maintaining these devices.

**Descriptions of Actions/Tasks (Conducted or Planned):**

The cities participated in the Bay Area SFEP/ABAG Trash Capture Grant Project. In an effort to provide as much full trash capture treatment area as possible and because the city of Fairfield drains through Suisun City, the cities proposed a combined full trash capture device for approval to the Water Board. On March 11, 2011 the cities received approval from the Water Board to share their full trash capture device.

The device was installed in 2012 and is located downstream from the city of Fairfield and upstream from Suisun City Marina. The device chosen is a Contech CDS 5653. One of the largest devices made by Contech. With the MRP requiring Fairfield to fully capture 146 acres and Suisun City's to fully capture 22 acres, the total required treatment area is 168 acres. The treatment area provided resulted in 270 acres which is 102 acres (61%) above that required in the MRP.

**Descriptions of Maintenance Activities:**

City of Fairfield provides Bi-annual cleaning of this unit with City crews.

Con-Tech CDS 5653  
 Suisun City - 54 Acres  
 Total Area Treated



Number	Map ID	Device	Acres
1	Suisun/Fairfield	CDS 5653	54
2	Driftwood Drive	Full Capture Insert	1
3	Kellogg Street	Full Capture Insert	1
4	Amberwood	Full Capture Insert	1
5	Amberwood	Full Capture Insert	1
6	Hamton Inn	Vortex Separator	1.4
7	Railroad Avenue	Catch Basin Filter	1
8	Greyhawk	Hydrodynamic Separator	4.4
9	Amberwood	Hydrodynamic Separator	4.7
10	Summerwood	Hydrodynamic Separator	7.6
11	Cottonwood	Veg. Swale & Bio-Retention	4.3
12	Breezewood	Vortex Separator	4.5

**Legend**

Generation Rate (gal/ac/year)

- Low (< 5)
- Medium (5 - < 10)
- High (10 - < 50)
- High/Very High (> 50)
- Very High (> 50)

Non-Jurisdictional

Full Trash Capture

Trash Hot Spot

Streets

Agency Boundary

Creeks



**C.10.a.iii ► Minimum Full Trash Capture (List of Devices)**

Provide a list of trash full capture devices installed to-date or planned for installation by July 1, 2014 and the land area treated by each device or group of devices.

**Descriptions of Actions/Tasks (Conducted or Planned):**

The City of Fairfield, in partnership with the City of Suisun City and the Fairfield-Suisun Sewer District, installed a Large Trash Capture Device that treats approximately 270 acres within the City of Fairfield. The device is located off of Railroad Avenue within the City of Suisun City, and is located immediately upstream of the 60-inch outfall that drains into the Railroad Avenue Ditch. The area that the device treats is along commercial area of North Texas Street, along with a large residential area to the east.

The device was installed in June 2012, and was paid for by a combination an ABAG grant and local funds.

**Descriptions of Maintenance Activities:**

The device has been in service for a little over one year. On July 8<sup>th</sup>, City crews used a Vector Truck to clean out the device. Approximately ½ cubic yard, or 100 gallons, of trash was removed from the device. The type of trash found was mainly small items such as plastic water bottles, plastic trash bags, and small paper products.

Applicable Trash Management Area (Preliminary Map ID)	Device Type	Planned or Installed	Maintenance Frequency	Total Number Installed	Total Area Treated (acres)
1	Con-Tech CDS 5653	Installed	Bi-Annually	1	54
2	Stainless Steel full capture insert to catch basin	Installed	Annually – Driftwood.	1	1
3	Stainless Steel full capture insert to catch basin ull capture insert to catch basin	Installed	Annually – Kellogg St.	1	1
4	Stainless Steel full capture insert to catch basin Full capture insert to catch basin	Installed	Annually – Amberwood	1	1
5	Stainless Steel full capture insert to catch basin Full capture insert to catch basin	Installed	Annually – Amberwood	1	1
6	Vortex Separator	Installed	Annually – Hampton Inn	1	1.4
7	Catch Basin Insets for RV storage	Installed	Annually – 515 Railroad Ave.	2	1
8	Hydrodynamic separator	Installed	Annually – Greyhawk	1	4.4
9	Hydrodynamic separator	Installed	Annually – Amberwood	1	4.7

10	Hydrodynamic separator	Installed	Annually –Summerwood	1	7.6
11	Vegetated Swale & Bio-retention	Installed	Annually –Cottonwood	4	4.3
12	Vortex Separator	Installed	Annually – Breezewood	1	4.5
<b>Totals</b>				<b>16</b>	<b>85.9</b>

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

Provide the 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. Additionally, include a map that identifies the location(s) of trash hot spots.

Trash Hot Spot	Cleanup Date	FY 2012-13 Volume of Trash Removed ( cubic yards)	FY 2011-12 Volume of Trash Removed (cubic yards)	FY 2010-11 Volume of Trash Removed (cubic yards)	Dominant Type(s) of Trash	Trash Sources (where possible)
The Boat Ramp area to the fuel trailer, 200 yd. of shoreline	7/5/12	¼ yard	½ yard	½ yard	Convenience food wrappers, paper plates, plastic bottles, fishing gear, plastic grocery bags	Restaurants, boats, visitors

**C.10.c ► Long-Term Trash Load Reduction Plan**

Provide descriptions of the progress made to-date on the development of Long-term Trash Load Reduction Plans due to the Water Board by February 1, 2014.

Long-Term Plan Task	Summary of Progress
1. Identifying and mapping trash generating areas	<p>The City of Suisun City has reviewed and collected data for the Trash Generating Areas map. City Staff performed visual inspections of all residential areas throughout the originally map labeled as medium, high, and very high trash generating areas. There were 6 of these areas total that were visual inspections, and data collection forms filled out and pictures were taken of these areas for record. The On-land Visual Assessment Spreadsheet was then completed specifying trash condition what the current trash inspection generating areas should be for all residential areas within the City of Suisun City. Suisun City is planning on visual inspections of all commercial and other community areas as compliance.</p>
2. Identifying trash sources (as necessary or feasible) to assist in selecting trash management actions	<p>In all residential areas inspected for the City of Suisun City, the amount of trash found within the street gutters was minimal to none at most. Most streets had little if any trash within the gutters or along roadways. Common items found in the gutter was little packaging of fast food containers, and cups, aluminum cans, and plastic bottles and cigarette butts.</p>
3. Prioritizing trash generating areas and associated types of trash problems	<p>There are several commercial trash generating areas within the City of Suisun City that require visual inspection and trash assessment:</p> <ol style="list-style-type: none"> <li>1. Downtown Suisun City, which is generally commercial businesses restaurants and light industry businesses.</li> <li>2. Sunset Avenue, which is generally commercial businesses and several fast food restaurants.</li> <li>3. Anderson Drive commercial businesses, which has several fast food restaurants.</li> <li>4. Railroad Avenue light industry businesses.</li> <li>5. Several of the Public Parks and Recreation Areas</li> </ol>
4. Identifying and selecting trash management actions for specific management areas	<p>The City of Suisun City is currently looking at the feasibility of installing more Trash Capture devices. Starting first with performing On-Land Data Assessment targeting source of trash generated. Then developing a mitigation plan, which includes an education process to source generators and what is required to help manage and contain the problem areas.</p> <p>Finding funding sources to install and maintain these facilities is the next step, since these devices are not funded through current funds.</p>

5. Defining the type of assessment(s) that will be used to demonstrate progress towards goals	<p><b>Assessments to be used are visual inspection and data collection.</b></p> <p><b>Starting and targeting the source and then educating target source generator of problem is a goal.</b></p> <p><b>Then engineer and developing, what type of facility is warranted to contain and control trash problem area with in area physical restraints.</b></p> <p><b>Then install and maintain Trash Capture devices.</b></p> <p><b>Devices installed will be the way of measuring the type and volume of trash removed from each device is the long term goal.</b></p> <p><b>The major hurdle is finding funding sources to install and obtaining these devices for the City of Suisun City .</b></p>
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**C.10.d ► Summary of Trash Reduction Actions**

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
<b>Trash Management Area Specific Actions</b>				
Full-Capture Treatment Devices	Continued Pre-MRP Actions: <b>No tracking</b>	NA	Public, trees	Plastic, leaves
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>Annual inspection of devices and tracking.</b>	See Map		
Street Sweeping	Continued Pre-MRP Actions: <b>No tracking</b>	NA	Public Streets	Leaves
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>1-month Residential, collector &amp; arterials twice a month</b>	See Map		
On-land Trash Cleanups	Continued Pre-MRP Actions: <b>No tracking</b>	NA	Public, Fast Food restaurants	Wrappers, plastic bottles
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>Reactive maintenance when reported</b>	NA		

**C.10.d Summary of Trash Reduction Actions**

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Partial-Capture Treatment Devices	Continued Pre-MRP Actions: <b>N/A</b>	NA	N/A	N/A
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>N/A</b>	NA		
Enhanced Storm Drain Inlet Maintenance	Continued Pre-MRP Actions: <b>No tracking, Pre-MRP</b>	NA	Public, trees	Fast food wrappers, leaves
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>Annual inspection and reviews</b>	NA		
Activities to Reduce Trash from Uncovered Loads	Continued Pre-MRP Actions: <b>No tracking</b>	NA	HWY-12	Plastic
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>Code Enforcement</b>	NA		
Anti-littering and Illegal Dumping Enforcement Activities	Continued Pre-MRP Actions: <b>No tracking</b>	NA	Public	Household goods & appliances
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>Code Enforcement</b>	NA		
Improved Trash Bins/Container Management	Continued Pre-MRP Actions: <b>No tracking</b>	NA	NA	NA
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>N/A</b>	NA		
Creek, Channel, Shoreline Cleanups	Continued Pre-MRP Actions: <b>Minimal documentation</b>	NA	Pubic	Wrappers, plastic bottles & bags, etc.
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>Tracking shoreline cleanups</b>	NA		
<b>Area/Jurisdictional-wide Actions</b>				

<b>C.10.d ► Summary of Trash Reduction Actions</b>				
For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.				
<b>Action</b>	<b>Description</b>	<b>Trash Management Area(s) (Preliminary Map ID)</b>	<b>Dominant Sources</b>	<b>Dominant Types</b>
Single-Use Carryout Bag Policies	Continued Pre-MRP Actions: <b>N/A</b>	Jurisdiction-wide	<b>NA</b>	<b>NA</b>
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>No requirement</b>			
Polystyrene Foam Food Service Ware Policies	Continued Pre-MRP Actions: <b>N/A</b>	Jurisdiction-wide	<b>NA</b>	<b>NA</b>
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>N/A</b>			
Public Education and Outreach Programs	Continued Pre-MRP Actions: <b>NA</b>	Jurisdiction-wide	<b>NA</b>	<b>NA</b>
	New/Enhanced Post-MRP Actions Initiated/Planned: <b>Advertising Campaign: Be the Street, Please see BASMAA FY 2012-2013 Regional Supplements for training and outreach. Annual Report for more details relating to these outreach efforts conducted during FY 2012-2013.</b> <b>Public Information and Participation: Please see section C.7 of the on Program Annual Report for more detailed information on Program efforts to reduce trash through Public Education and Outreach</b>			

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).

- 1) Promotion (i.e., media advertising, providing information on your agency's website, etc.) of:
  - a) **Household Hazardous Waste (HHW) Programs**, including promotion of HHW drop-off events and local businesses that provide residents and small businesses the opportunity to drop-off mercury-containing devices and equipment (e.g., bulbs, thermostats, thermometers and/or switches). Solano Garbage Company (Republic Services) at 2901 Industrial Court runs the household hazardous waste collection facility that serves the City of Fairfield, Suisun City and Solano County unincorporated areas. They operate twice monthly on the second and fourth Saturday from 9 AM to 12 noon. Household hazardous waste drop-off is offered free to residents and for a small fee to Fairfield businesses that qualify as small quantity generators. Other items can be dropped off at local businesses such as: Home Depot, Lowe's, and Orchard Supply Hardware, DND Plumbing, Slinky Brothers Fairfield, and Solano Garbage Company.  
  
Promotional events include websites information on cities of Fairfield, Suisun City and Solano County and Solano garbage company's website; printed/published materials include countywide recycling guide household hazardous waste/used oil brochures, flyers and handouts; mailers included in billing by Solano garbage company; community events such as weekly farmers market, Earth Day, tomato Festival, Coast and Creek cleanup and radio ads on the local station, KUIC.
  - b) **The Thermostat Recycling Corporation**, is an organization developed on behalf of the thermostat manufacturers, that recycles mercury-containing thermostats and switches generated by residents and small businesses. The HVAC industry is the largest generator of these waste streams and is the targeted audience to inform of this recycling option.
- 2) **Facilitation/Organization** : Solano Garbage Company (Republic Services) at 2901 Industrial Court runs the household hazardous waste collection facility that serves the City of Fairfield, Suisun City and Solano County unincorporated areas. They operate twice monthly on the second and fourth Saturday from 9 AM to 12 noon. Household hazardous waste drop-off is offered free to residents and for a small fee to Fairfield businesses that qualify as small quantity generators. Other items can be dropped off at local businesses such as: Home Depot, Lowe's, and Orchard Supply Hardware, DND Plumbing, Slinky Brothers Fairfield, and Solano Garbage Company.
- 3) **Collection of:**
  - a) Mercury-containing devices and equipment at designated drop-off points or HHW drop-off events is organized and conducted by Solano Garbage Company. Twice a month on the second and fourth Saturdays from 9 to 12 noon. Household hazardous waste drop-off events are offered to residents and small businesses within the Fairfield and Suisun city area
  - b) Currently, there are no curbside Programs offered in the City of Fairfield and City of Suisun City.
  - c) Other mercury-containing device and equipment collection and recycling efforts that your agency and contractors may conduct countywide which may not be described above.

**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.

The estimated mass of mercury collected through recycling efforts conducted by the City of Suisun City designated HHW Program, are included below. The Program has only counted mercury-containing devices and equipment collected from residents and businesses in our jurisdiction. We have used the Supplemental Excel Spreadsheet and Guidance developed by BASMAA to estimate the mass of mercury collected through our efforts, and have only counted those items indicated herein as restricted in the footnotes.

Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps <sup>62</sup> (linear feet)	884	0.002
CFLs <sup>63</sup> (each)	0	0
Thermostats <sup>64</sup> (each)	0	0
Thermostats (lbs)	0	0
Thermometers (each)		0
Switches (lbs)	0	0
<b>Total Mass of Mercury Collected During FY 2011-2012:</b>		<b>0.002</b>

<sup>62</sup> Only linear fluorescent lamps should be included

<sup>63</sup> Only compact fluorescent lamps should be included

<sup>64</sup> Thermostats can be reported by quantity or by pounds. Whichever unit is used, please avoid double-counting.

- 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**

**Highlights from the Region and the Program include:**

A summary of Program and regional accomplishments for these sub provisions are included within the C.11 BASMAA Regional POC Report for FY 12-13.

**Highlights from the Program include:**

The Program has dedicated a significant amount of time and money toward the development of the design, plans and will specifications for the Vallejo retrofit projects and other elements of the Clean Watersheds for Clean Bay grant project. It was decided through the Clean Water for a Clean Bay Project Management Team that the city of Vallejo was the best location to conduct pilot projects for the evaluation of on-site stormwater treatment via retrofits in Solano County.

The first project is located on Broadway and Redwood streets between Redwood and Valle Vista in downtown Vallejo. The project retrofits a vegetative swale in the area between Broadway and the Southern Pacific railroad tracks. The land is owned by Southern Pacific Railroad but the Vallejo Sanitation and Flood Control District has an easement on the property that permits construction of a BMP. The BMP concept is to install a vegetative swale for a large portion of the block and provide curb cuts along Broadway to divert roadway runoff into the swale.

The second project is a retrofit of a PG&E substation with a two cartridge linear precast storm filter. The storm filter will receive all of the runoff from the PG&E substation. Both projects are currently out to bid, as a single package and it is anticipated that the project will be constructed before the rain arrives in 2013 so that assessment of effectiveness of both projects will be reported in the 2013 2014 Annual Report.

The diversion of dry weather and first flush flows to POTWs in Solano County has been taken on by the Fairfield Suisun Sewer District. The project involves changing the operation of an existing pump station so as to divert stormwater from the station to the Fairfield Suisun Sewer District wastewater treatment plant. The pump station is located in the city of Fairfield just upstream from Suisun city. It serves a watershed area of approximately 6 acres all of which is zoned commercial, of which a significant portion is automotive repair. The pump station changes to be evaluated for this project include:

- Shutting off the stormwater pump station during dry weather
- Removing standing water in the p or the from pump station wet well throughout the dry season and before the first flush
- Monitoring concentrations of pollutants and pollutant indicators in the diverted water

The goal of this pilot project is to comply with provision C.11/12f of the MRP by better understanding the applicability, costs, and benefits associated with this and similar projects. The results from this in parallel studies by other agencies will inform planning for focused implementation of urban runoff measures during subsequent permit terms, in order to achieve maximum benefits and continue to make progress towards achieving load reductions called for in Mercury and PCB TMDLs.

The following three objectives have been developed for the project:

- Evaluate pollutant loads to the Bay that are reduced due to stormwater diversion
- Estimate project benefits, challenges and costs of operating a similar diversion and a similar drainage area and or an area known to have elevated concentrations of PCBs or Mercury
- Document the knowledge and experience gained from evaluation of the diversion project

#### Current Status

Normal discharges from the State Street Pump Station were terminated in mid -June. The contents of the pump stations wet well are tested and removed by Vactor truck and then discharged to the Fairfield Suisun Sewer District treatment plant. As dry weather runoff accumulates in the pump station, the water will be removed and disposed of at the POTW.

Water samples were collected at the State Street pump station discharge during June of 2012 (station shut down for dry weather) and September (start up of pump station for wet weather )of 2012. Volumes of water removed and diverted to the treatment plant have also been recorded.

The Final Diversion Report is currently being worked on by the Program and will be submitted to the Water Board in December of 2013. The volume of

water being diverted to the Fairfield-Suisun Wastewater Treatment Plant is continues to be measured by the Program.

Section 12 - Provision C.12 PCBs Controls

**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:

Inspector training materials have been developed by BASMAA and provided to Solano County Health Inspectors. A description of efforts to train municipal industrial inspectors was provided in FY 09-10 Program Annual Reports. Training of Health Inspectors was performed again on February 7, 2013. The focus of the training was consistency in enforcement levels, enforcement authority; city stormwater ordinances; high-priority facilities needed to be inspected during the fiscal year and enforcement levels associated with illegal discharges.

**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

**Highlights from the Region and the Program include:**

A summary of Program and regional accomplishments for these sub provisions are included within the C.12 BASMAA Regional POC Report for FY 12-13.

Highlights from the Program include:

The Program has dedicated a significant amount of time and money (see attached invoice) toward the development of the design, plans and will specifications for the Vallejo retrofit projects (see attached plans), and other elements of the Clean Watersheds for Clean Bay grant project. It was decided through the Clean Water for a Clean Bay Project Management Team that the city of Vallejo was the best location to conduct pilot projects for the evaluation of on-site stormwater treatment via retrofits in Solano County.

The first project is located on Broadway and Redwood streets between Redwood and Valle Vista in downtown Vallejo. The project retrofits a vegetative swale in the area between Broadway and the Southern Pacific railroad tracks. The land is owned by Southern Pacific Railroad but the Vallejo Sanitation and Flood Control District has an easement on the property that permits construction of a BMP. The BMP concept is to install a vegetative swale for large portion of the block and provide him and curb cuts along Broadway to divert roadway runoff into the swale.

The second project is a retrofit of a PG&E substation with a two cartridge linear precast storm filter. The storm filter would receive all of the runoff from the PG&E substation. The project is currently out to bid and it is anticipated that the project will be constructed before the rain arrives.

The diversion of dry weather and first flush flows to POTWs in Solano County has been taken on by the Fairfield Suisun Sewer District. The project involves changing the operation of an existing pump station so as to divert stormwater from the station to the Fairfield Suisun Sewer District wastewater treatment plant. The pump station is located in the city of Fairfield just upstream from Suisun city. It serves a watershed area of approximately 6 acres all of which is zoned commercial, of which a significant portion is automotive repair. The pump station changes to be evaluated for this project include:

- Shutting off the stormwater pump station during dry weather
- Removing standing water in the pump station wet well throughout the dry season and before the first flush
- Monitoring concentrations of pollutants and pollutant indicators in the diverted water

The goal of this pilot project is to comply with provision C.11/12f of the MRP by better understanding the applicability, costs, and benefits associated with this and similar projects. The results from this in parallel studies by other agencies will inform planning for focused implementation of urban runoff measures during subsequent permit terms, in order to achieve maximum benefits and continue to make progress towards achieving load reductions called for in Mercury and PCB TMDLs.

**Section 13 - Provision C.13 Copper Controls**

**C.13.a.iii.(2) ▶ Training, Permitting and Enforcement Activities**

*(FY 11-12 Annual Report and each Annual Report thereafter)* Provide summaries of activities implemented to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction including. :

- Development of BMPs on how to manage the water during and post construction
- Requiring the use of appropriate BMPs when issuing building permits
- Educating installers and operators on appropriate BMPs
- Enforcement actions taken against noncompliance

See the Program's Annual Report and the BASMAA Regional POC Report for FY 2012-2013 for a description of training provided regionally.

**C.13.a.iii.(3) ▶ Evaluation of Effectiveness**

*(FY 12-13 Annual Report)* Evaluate the effectiveness of measures the agency has undertaken to prevent discharge of wastewater to storm drains during the installation, cleaning, treating, and washing of the surface of copper architectural features. The discussion of the effectiveness of these measures should include BMP implementation and may propose additional measures to address this source of pollutants.

The Program has developed a flyer for the city permit counters entitled: **Requirements for Architectural Copper**. The flyer is based on a similar version from the San Mateo County-wide Water Pollution Prevention Program. The flier describes how copper can harm aquatic life and best management practices which must be implemented to prevent prohibited discharges to the storm drain system.

Because architectural Copper is not a popular feature in the Fairfield Suisun area, discharge of copper laden water from these structures is not seen as a significant source of copper. The Program has made an appropriate amount of effort to address copper discharges to the local creeks in its jurisdiction.

**C.13.c ▶ Vehicle Brake Pads**

Reported in a separate regional report.

A summary of the countywide Program's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of Program's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

**C.13.c.iii ▶ Water Quality Issues Associated with Automobile**

<b>Brake Pads</b>
<i>(FY 12-13 Annual Report Only)</i> – Assess status of copper water quality issues associated with automobile brake pads and recommend brake-pad related actions for inclusion in subsequent permits if needed.
<b>An assessment of copper water quality issues associated with automobile brake pads and recommend brake-pad related actions for inclusion in subsequent permits is included within the C.13 Copper Controls section of Program's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.</b>
<b>C.13.d.iii ▶ Industrial Sources Copper Reduction Results</b>
Based upon inspection activities conducted under Provision C.4, highlight copper reduction results achieved among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed.
Summary <b>A summary of the inspections conducted at facilities identified as potential users or sources of copper that resulted in the use of copper reduction BMPs is included within the Program's FY 12-13 Annual Report.</b>
<b>C.13.e ▶ Studies to Reduce Copper Pollutant Impact Uncertainties</b>
Report on progress of studies being conducted countywide or regionally to reduce copper pollutant impact uncertainties. State below if information is reported in a separate regional report.
Summary <b>A summary of the countywide Program and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program's FY 12-13 Annual Report and/or BASMAA Regional POC Report.</b>

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

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

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

**Summary**

A summary of the countywide Program and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

**C.14.a.v. ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls – Load Computation**

*(For FY 12-13 Annual Report only)* Submit a report with information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay.

**Summary**

Information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

**C.14.a.vi. ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls – Control Measures**

*(For FY 12-13 Annual Report only)* Submit a report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff.

**Summary**

A report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

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

**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: **City has crews respond to any irrigation breaks that the City is responsible to maintain are shut off and repaired as BMP. Utility company Solano Irrigation District is contacted when it water break in Right of Way. Code enforcement responds to private irrigation matters as our ERP and the public are educated of the violation and are given appropriate BMP to ensure compliance.**

**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 <sup>65</sup> (NTU)	Implemented BMPs & Corrective Actions
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

<sup>65</sup> Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

**C.15.b.iii.(2) ▶ Unplanned Discharges of the Potable Water System<sup>66</sup>**

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) <sup>67</sup>	pH (standard units) <sup>52</sup>	Discharge Turbidity (Visual) <sup>52</sup>	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time <sup>68</sup>	Inspector arrival time	Responding crew arrival time
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

<sup>66</sup> This table contains all of the unplanned discharges that occurred in this FY.

<sup>67</sup> 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.

<sup>68</sup> 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.