



**CITY OF PITTSBURG
Engineering Department
Development Division
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Pittsburg, CA 94565
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September 4, 2013

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

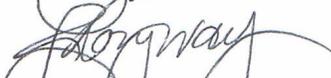
Ms. Pamela Creedon, Executive Officer
California Regional Water Quality Control Board
Central Valley Region
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Mr. Wolfe and Ms. Creedon:

Enclosed is the 2012 - 2013 Annual Report for the City of Pittsburg, which is required by and in accordance with Provision C.16 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board and/or by Provision C.13 in NPDES Permit Number CA0083313 issued by the Central Valley Regional Water Quality Control Board.

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

Sincerely,


Jolan Longway
Civil Engineer II

CC: Joe Sbranti, City Manager
Keith Halvorson, City Engineer
Laura Wright, Administrative Officer

ATTACHMENT B

Table of Contents

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

Section 1 – Permittee Information

Background Information			
Permittee Name:	City of Pittsburg		
Population:	64,660		
NPDES Permit No.:	CAS612008		
Order Number:	R2-2009-0074		
Reporting Time Period (month/year):	July 2012 through June 2013		
Name of the Responsible Authority:	Jolan Longway	Title:	Civil Engineer II
Mailing Address:	65 Civic Avenue		
City:	Pittsburg	Zip Code:	94565
		County:	Contra Costa
Telephone Number: (925) 252-4803		Fax Number (925) 252-6928	
E-mail Address: jlongway@ci.pittsburg.ca.us			
Name of the Designated Stormwater Management Program Contact (if different from above):		Title:	
Department: Engineering			
Mailing Address:	65 Civic Avenue		
City:	Pittsburg	Zip Code:	94565
		County:	Contra Costa
Telephone Number: (925) 252-4803		Fax Number: (925) 252-6928	
E-mail Address: jlongway@ci.pittsburg.ca.us			

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The City of Pittsburg participated in the Contra Costa Clean Water Program's Municipal Operations Committee during fiscal year 12/13. Refer to the C.2 Municipal Operations section of the CCCWP's FY 12-13 Annual Report for a description of activities implemented at the countywide and/or regional level.

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.

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

Comments:

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

Place 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.

Y	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
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

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.

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

Comments:

The City does not have a contract for graffiti removal; all of it is done with in- house staff.

Comments:
 *Color and Turbidity on suction side of pump station less than, or the same as, on the discharge side.

C.2.e. ► Rural Public Works Construction and Maintenance

Does your municipality own/maintain rural² roads: Yes No

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

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.

<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
<input type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings

Comments including listing increased maintenance in priority areas:

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

C.2.f. ► Corporation Yard BMP Implementation			
Place an X in the boxes below that apply to your corporations yard(s):			
<input type="checkbox"/>	We do not have a corporation yard		
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit		
<input checked="" type="checkbox"/>	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)		
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:			
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment		
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system		
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method		
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used		
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments: City Public Works staff work diligently inspecting their facilities for health and safety issues, and proper materials storage management, in addition to NPDES BMP compliance. Any issues found during the course of their routine investigations are addressed promptly. The City is currently in the process of updating all of the facility SWPPPs . The intent is to update the SWPPPs to be more reflective of the current NPDES permit structure, and organized to include operational BMPs staff use in their day-to- day activities throughout the City. Checklists for yard facility inspections will be consolidated in order to streamline the inspection process for our Public Works staff, and provide them with a comprehensive BMP reference.			
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
Maintenance Corporation Yard	Weekly*		
Marina Maintenance Yard	Weekly*		
Environmental Center	Weekly*		
Water Treatment Plant	Weekly*		

Golf Course	Monthly*	The wash down areas is in need of modernization. This facility was built in the 1960's and the wash off area is connected to a drain with a 10' sump. Mow equipment is washed off on this drain pad. The structure was constructed with a large sump, with the intent that the solids would collect in the bottom and clearer water would then discharge. Maintenance of the drain is cumbersome, requiring the use of a vactor truck and disposal of wet debris is expensive.	The City is exploring options to create another designated landscape area to the east of the maintenance building for their equipment wash down.
<p>Comments: All of the facilities, except for the Golf Course are inspected weekly in conjunction with their site safety inspections. The City has been in contract with RBF Consulting to prepare updated SWPPPs for all of these facilities. As part of this process the City's NPDES and Environmental Services Coordinator, along with RBF Consulting evaluated each of the facilities to determine what improvements should be made, if any to the facilities in order to remain compliant with current NPDES regulations.</p>			

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 CCCWP's FY 12-13 Annual Report includes a description of activities conducted at the countywide or regional level.

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 permittees, 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. Refer to footnotes in the table for instructions on how to complete the table. Do not leave any cells blank. For example, enter zero or N.A. as appropriate. If a Permittee did not approve any Regulated Projects during the reporting period (fiscal year), then the Permittee should state so here or in the C.3.b.v.(1) Reporting Table.

C.3.e.v. ► Alternative or In-Lieu Compliance with Provision C.3.c.			
<i>(For FY 11-12 Annual Report and each Annual Report thereafter)</i>			
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	<input checked="" type="checkbox"/> No
Comments (optional): For at least one project in the City that has a map life and development plan valid for 20+ years. The in-lieu compliance option allows the development to ensure that C.3 is implemented for the project. This fiscal year the City required a developer to retrofit an existing siltation basin off of the project site to comply with C.3 requirements.			

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	<input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> 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.			

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: City staff conducts operations and maintenance inspections for the O&M verification program, sometimes with the owner's representative or property manager. Typical issues that have come up, especially for sites with established plantings, are overgrowth. There is confusion as to	

how much maintenance needs to occur within these planter areas. Some plants have been extremely pruned, while others have been let to grow wild, others are confused about what kind of ground cover to use – some are really sparse, some are so full that the curb cuts or grate inlets had significant overgrowth around them. The drains inspected were clear inside the structure, no evidence of dumping or odors, and none of the planter areas had pet waste.

(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:
 Treatment facilities that are in areas of high pedestrian traffic will continue to be observed more frequently.

(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? ³	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:

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: **The Contra Costa Clean Water Program adopted a December 1, 2012 addendum to the *Stormwater C.3 Guidebook, 6th Edition*. The addendum, “Preparing a Stormwater Control Plan for a Small Land Development Project,” includes step-by-step instructions, a project data form, and standard specifications for runoff reduction measures. The City of Pittsburg’s stormwater ordinance requires that applications for development approvals for projects subject to the permit’s new development requirements include a Stormwater Control Plan meeting the criteria in the most**

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

recent version of the *Stormwater C.3 Guidebook*.

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 ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹⁴	Total Replaced Impervious Surface Area (ft ²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft ²)	Total Post- Project Impervious Surface Area ¹⁷ (ft ²)
Private Projects											
Subdivision 9306, Toscana Unit 1	Northeast of the San Marco – West Leland Road intersection	Discovery Builders	1	Residential	Willow Creek	9.8	10.1	319,531	0	0	319,531
Subdivision 9333 Toscana Unit 2	Northeast of the San Marco – West Leland Road intersection	Discovery Builders	2	Residential	Willow Creek	13.21	13.21	317,102	0	0	317,102
Public Projects											
No Public Projects subject to C.3 this reporting year.											

¹⁰ Include cross streets

¹¹ 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".

¹² 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.

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

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

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

¹⁶ For redevelopment projects, state the pre-project impervious surface area.

¹⁷ 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 ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
Private Projects										
Subdivision 9306, Toscana Unit 1	9/7/2012	1/11/2013	<ul style="list-style-type: none"> Marking inlets with "No Dumping Flows to Bay" markers IPM information to be given to new homeowners 	Street widths reduced from 40' to 36' where possible. Houses to be two stories to minimize footprint of house.	The project provides alternative compliance to on-site facilities.	Entitlements for this project require that the developer dedicate the retrofitted C.3 basin to the Geologic Hazard Abatement District (GHAD). Until the basin is completed to the satisfaction of the City Engineer, the developer is responsible for maintenance of basin.	3	See attached Summary C.3.b.v.(1) at the end of this report.	C.3 review for this project was done by a third party consultant, Ed Ballman of Balance Hydrologics.	HM Control for this portion of the project is not required. Discharges from the project is characterized to cause "low risk" of erosion for the entire length of the discharge to the Delta.
Subdivision 9333 Toscana Unit 2	9/7/2012	4/18/2013	<ul style="list-style-type: none"> Marking inlets with "No Dumping Flows to Bay" markers 	Street widths reduced from 40' to 36' where possible.	This phase of the Toscana project directs runoff into a newly-	Entitlements for this project require that the developer dedicate the bioretention facility	3	Not applicable, this portion of the project provides for C.3 measures on-site.	C.3 review for this project was done by a third party	HM Control is accomplished in accordance with the CCCWP's C.3

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

¹⁹ 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.

²⁰ 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.

²¹ 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.

²² 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.).

²³ 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.

²⁴ 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).

²⁵ 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.

²⁶ 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.

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

²⁸ If HM control is not required, state why not.

²⁹ 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 (private projects)

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
			IPM information to be given to new homeowners	Houses to be two stories to minimize footprint of house.	constructed on-site bioretention facility.	to the GHAD. Until the basin is completed to the satisfaction of the City Engineer, the developer is responsible for maintenance of this basin.			consultant, Ed Ballman of Balance Hydrologics.	Guidebook guidelines for sizing a bioretention basin.

Comments:

See attached page 15-16 for further explanation of alternative compliance used to meet the C.3 requirements for the Toscana Unit 1 project.

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 ³⁰	Date Construction Scheduled to Begin	Source Control Measures ³¹	Site Design Measures ³²	Treatment Systems Approved ³³	Operation & Maintenance Responsibility Mechanism ³⁴	Hydraulic Sizing Criteria ³⁵	Alternative Compliance Measures ^{36/37}	Alternative Certification ³⁸	HM Controls ^{39/40}
Public Projects										
There were no public projects requiring C.3 that were processed this fiscal year.										

Comments:

³⁰ For public projects, enter the plans and specifications approval date.

³¹ 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.

³² 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.

³³ 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.).

³⁴ 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.

³⁵ 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).

³⁶ 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.

³⁷ 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.

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

³⁹ If HM control is not required, state why not.

⁴⁰ 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) ⁴¹	Party Responsible ⁴² For Maintenance	Date of Inspection	Type of Inspection ⁴³	Type of Treatment/HM Control(s) Inspected ⁴⁴	Inspection Findings or Results ⁴⁵	Enforcement Action Taken ⁴⁶	Comments/Follow-up
La Almenara	1065 Beacon Street	N	Domus Development	4/23/2013	Routine	Flow-through planters (onsite)	Immediate maintenance needed	N/A	Due to financial difficulty, the project was acquired and completed by a different owner. Half the flow-through planters were planted when work stopped as project ownership changed hands. The new owners
Siena Court	771 Black Diamond Street	N	Domus Development	4/23/2013	Routine	Flow- through planters (onsite)	Proper O&M	N/A	
Vidrio	600 Railroad Avenue	N		4/23/2013	Routine	Sand filter concrete vaults (onsite)	Proper O&M	N/A	
Irish Construction	2151 Piedmont Way	Y	Irish Construction inc.	11/20/2013	45-Day	Flow-through planters (onsite)	Proper Installation	N/A	
Fire Prevention Bureau	2329 Loveridge Road	N	Contra Costa Fire Protection District	3/27/2013	Routine	Flow-through planters (onsite)	Proper O&M	N/A	
Riverside Continuation School	1151 Stoneman Avenue	N	Pittsburg Unified School District	5/14/2013	Routine	Bio-retention basin (onsite)	Proper O & M	N/A	The vegetation is ugly, and unkempt, but the landscape architect confirmed that the plant species is supposed to look the way that it does. The basin still functions properly.
Martin Luther	950 El Pueblo	Y	Pittsburg Unified	5/14/2013	45-Day	Flow-through planters	Proper Installation	N/A	

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

⁴² State the responsible operator for installed stormwater treatment systems and HM controls.

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

⁴⁴ 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.

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

⁴⁶ State the enforcement action(s) taken, if any.

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)⁴¹	Party Responsible⁴² For Maintenance	Date of Inspection	Type of Inspection⁴³	Type of Treatment/HM Control(s) Inspected⁴⁴	Inspection Findings or Results⁴⁵	Enforcement Action Taken⁴⁶	Comments/Follow-up
King Jr. Junior High School	Avenue		School District			(onsite)			
Toscana Unit 1	APN 097-550-029	Y	Discovery Builders		45-day	Bio-retention basin (offsite)	Proper installation	N/A	

C.3.e.vi.Special Projects Reporting Table

Reporting Period – January 1 – June 30, 2013

Project Name & No.	Permittee	Address	Application Submittal Date ⁴⁷	Status ⁴⁸	Description ⁴⁹	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category ⁵⁰	LID Treatment Reduction Credit Available ⁵¹	List of LID Stormwater Treatment Systems ⁵²	List of Non-LID Stormwater Treatment Systems ⁵³
The City did not process any projects that qualified as a special status project this fiscal year.									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

⁴⁷ Date that a planning application for the Special Project was submitted.

⁴⁸ 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.

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

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

⁵¹ 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.

⁵² 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.

⁵³ 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

Program Highlights

Provide background information, highlights, trends, etc.

The City's list of commercial and industrial facilities subject to NPDES inspections is updated as new businesses are constructed, or as businesses are opened under a new operator. At the end of the fiscal year, updates to the City's business database are given to Delta Diablo Sanitation District inspection staff. City and Delta Diablo inspection staff meet to discuss the list of facilities to be inspected in the coming fiscal year, and new facilities that have priority for inspection. Training for the Delta Diablo inspectors was conducted by the CCCWP, both inspectors that conduct inspections on behalf of the City attended the training session that was held on May 16, 2013. In addition, City staff participated in the CCCWP's Municipal Operations Committee. Refer to the C.4. Industrial and Commercial Site Controls section of the CCCWP's FY 12-13 Annual Report for a description of activities of the CCCWP's Municipal Operations Committee and/or the BASMAA Municipal Operations Committee.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan? Yes No

If No, explain:

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

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

See attached list of businesses on attachment C.4.b.iii.(1) Potential Facilities List.

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

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

See attached list of businesses scheduled for inspection during the current fiscal year on attachment C.4.b.iii.(2) Facilities Scheduled for inspection.

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

	Number	Percent
Number of businesses inspected	55	
Total number of inspections conducted	56	
Number of violations (excluding verbal warnings)	1	
Sites inspected in violation	1	1.8
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	1	1.8

Comments:
This fiscal year one business was found to be in violation. The violation was found during a routine inspection of the facility. A Notice of Violation was issued on June 5, 2013 to the operator by the Delta Diablo Inspector, with a list of corrective actions. The owner of the business worked with Delta Diablo Staff to resolve the violation, though all items were not completed within the 10 day timeframe; an issue of staff training took longer to coordinate, however, the owner was cooperative, and the DDSD inspector granted reasonable extension for the owner to comply. All corrective items were addressed by August 15, 2013.

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	1

Comments:
Discharge streams are counted as one discharge per inspection per site.

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) ⁴⁸	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ⁴⁹
Level 1	A Notice of violation was issued to Burger King by the inspector.	1	1
Level 2			
Level 3			
Level 4			
Total			

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

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

Business Category ⁵⁰	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Eating and drinking places	0	1

C.4.c.iii.(4) ▶ Non-Filers

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

There were no industries identified as non-filers during scheduled inspections during this fiscal year.

C.4.d.iii ▶ Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Commercial/Industrial Stormwater Inspection Training Workshop	May 16, 2013	<ul style="list-style-type: none"> • What you can and cannot do in a creek • State General Industrial Permit Reissuance • Management and cleanup of PCBs • Field trip/training on how to inspect a large water park including restaurant, parking, shopping and entertainment facilities 	2	100

⁴⁸ Agencies to list specific enforcement actions as defined in their ERPs.

⁴⁹ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁰ List your Program's standard business categories.

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

Program Highlights

Provide background information, highlights, trends, etc.

This year's program highlights include:

- 1) Implementation of the City's collection system screening.
- 2) The same staff that screens our collection system also abate any found illicit discharges.
- 3) City staff also participated in the CCCWP's Municipal Operations Committee.

Refer to the C.5 Illicit Discharge Detection and Elimination section of CCCWP's FY 12-13 Annual Report for description of activities conducted at the countywide or regional level of behalf of all Permittees.

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

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

Contact	Description	Phone Number
Main Corporation Yard	Dispatch	(925) 252-4936

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

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

Description:

The City's Public Works Department responds to calls from the public or from other City staff to abate any reported discharges caused by mobile businesses. Since there is no single City department that manages mobile businesses, all City staff that is in the field is responsible for reporting any observed discharges to the Public Works Department. In addition, the City's Police, Code Enforcement Division has the ability to issue citations to any observed illicit discharges from home- based mobile business. New businesses that will require some type of maintenance of outdoor spaces are conditioned through the entitlement process to contract with BASMAA certified cleaners or to have their staff obtain BASMAA certification for proper outdoor cleaning practices. The City has not hired certified Mobile Surface Cleaners, however staff is trained to implement the appropriate BMPs of surface cleaning. Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP's FY 12-13 Annual Report for a description of efforts by the CCCWP's Municipal Operations Committee and the BASMAA Municipal Operations Committee to address mobile businesses.

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

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

Description:
The City continues to implement screening of the City's collection system according to the maintenance zones established by the City Public Works staff. Zones that have chronic problems, such as the waterfront zones, are screened and maintained more frequently. The same staff that screens our collection system also abate any found illicit discharges.

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

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

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	11	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	5	45
Discharges resolved in a timely manner (C.5.f.iii.(3))	11	100

Comments:
The illicit discharges reported were mainly from City staff, and one concerned resident. Public Works crews are dispatched to investigate the type of discharge – if the substance can be identified they will proceed with notification to the property owner to stop immediately, and the clean up. In one case the substance was unknown, County Haz Mat was dispatched to the site, and they did the clean up. In some cases by the time PW crews arrived at the site the discharge had already occurred, and all that can be done is clean up, and if possible tracing back to the discharger. The work associated with abating the discharged is tracked via the work orders and tracked on an electronic database.

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

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

See attachment C.5.f.iii.(4) Summary of major types of discharges and complaints at the end of this report.

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	4	55
Comments: In addition to the sites inspected above, there were four other project sites that were monitored and inspected during the rainy season, totaling 32 inspections.		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations⁵¹ excluding Verbal Warnings	% of Total Violations⁵²
Erosion Control	0	0
Run-on and Run-off Control	0	0
Sediment Control	0	0
Active Treatment Systems	0	0
Good Site Management	0	0
Non Stormwater Management	0	0
Total⁵³	0	100%

⁵¹ 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.

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

⁵³ 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) ⁵⁴	Number Enforcement Actions Issued	% Enforcement Actions Issued⁵⁵
Level 1 ⁵⁶	Verbal warnings were given to various contractors to address site BMP issues	11	9
Level 2			
Level 3			
Level 4			
Total			100%

C.6.e.iii.1.f, g ► Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence 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

⁵⁴ Agencies should list the specific enforcement actions as defined in their ERPs.

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

⁵⁶ For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.1.h, i ► Violation Correction Times		
	Number	Percent
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	% ⁵⁷
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	% ⁵⁸
Total number of violations (excluding verbal warnings) for the reporting year⁵⁹	0	100%
Comments: The City of Pittsburgh's enforcement actions this fiscal year included verbal notices of correction and/or supplemental e-mails to contractors to address site BMPs. There were no incidents that resulted in illicit discharges to the City's storm drain system.		

C.6.e.iii.(2) ► Evaluation of Inspection Data
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
Description: The typical problems encountered with construction site controls included Sediment Control and Good Site Management, mainly having to remind contractors to replace inlet filter fabric, covering their waste containers, and protecting material stockpiles.

C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness
Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.
Description: This fiscal year the City tracked inspection data using a revised format as recommended by Regional Board staff. Staff has improved their efforts at documenting their communications with contractors when site issues need to be addressed. This coming fiscal year, inspection staff will have the ability to electronically fill out site inspection forms and send them directly to our MUFFS filing system with the use of tablets. The City participated in the Contra Costa County Clean Water Program's Development Committee and will continue to do so in the next fiscal year.

⁵⁷ 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.

⁵⁸ 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.

⁵⁹ The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions. 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
NPDES Construction Site Inspection Training	September 7, 2012 & September 20, 2012	Instruction was given on how to fill out the construction inspection form, how to document incidents, how to apply enforcement actions in accordance with our Enforcement Response Plan, and the use of appropriate construction site BMPs.	10	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:

Estimated annual percentage of stenciled municipality storm drain inlets that were inspected and maintained as legible:

2009-10: 90%
2010-11: 80%
2011-12: 85%
2012-13: 85%

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:

Annual number of newly-constructed, privately-maintained streets for which inlets were marked:

2009-10: 0 projects
2010-11: 1 projects
2011-12: 0 projects
2012-13: 0 projects

Prior to City Council's acceptance of the project as complete, City staff conduct punch list walk through with the developer's representative. Inlet markings are among the required items that are typical of a punch list walk through. The City typically offers the developer the option to use the City's standard inlet decal, however if there are space constraints, the developer is allowed to stencil the words "No Dumping Drains to Delta" without the graphic. For publicly maintained structures, the City's standard decal is used. For privately maintained structures, the developer has the option of using the City's standard decal or, if there are space constraints, the developer is allowed to stencil the words "No Dumping Drains to Delta" without the graphic.

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 City participated in the regional campaign (See the Fiscal Year 2012/13 Group Program Annual Report, Section C.7, for a summary of the Trash Campaign conducted by the Program on our behalf.) and on a local level. The City placed additional “anti-litter” banners last year in the parks to increase awareness.

C.7.b.iii.1 ► Pre-Campaign Survey

or 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:

Refer to Section C.7 in the CCCWP’s FY 12-13 Annual Report for complete details on the pre-campaign survey conducted for the CCCWP’s Pesticide Campaign.

Place an X in the appropriate box below:

<input checked="" type="checkbox"/>	Survey report attached. See the Fiscal Year 2012/13 Group Program Annual Report, Section C.7, for a report summarizing the Pre-Campaign Trash Survey conducted by the Program on our behalf.
<input checked="" type="checkbox"/>	Reference to regional submittal: The City of Pittsburg participates in the regional survey. See Program Report.

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:

Refer to BASMAA’s “MRP Regional Supplement for Training and Outreach Report” for a summary of media relations efforts conducted during FY 12-13 on behalf of all Permittees

Local: Website announcements: Native Garden Tour (4/2013); Adopt a Spot (5/2013); Prescription Drug Take Back (3&4/2013) Green Footprint Festival (5/2013); Bike to Work Day (5/2013)

Reader board posts & City Hall: Native Garden Tour (4-5/2013); Adopt a Spot (4/2012 – present);Creek Clean up (4&5/2013) Green Footprint

Festival (5-6/2013); Bike to Work Day (5/2013)

E-news blasts were conducted to promote City Creek clean up, Prescription Drug Take Back (4/2013); Bike to Work Day (5/2013)
 Water bill inserts were also mailed to 17,000 households: Adopt a Spot (4/2013); Creek Clean up (4/2013) Green Footprint Festival (5/2013)
 New York Landing Pittsburg City Journal (Blog ~ 6,000-10,000 hits monthly) <http://vnylcitygov.blogspot.com/> Adopt a Spot (4/2013); Native Plant Sale & Tour (4/23/2013); Creek Clean up 5/2/2013); Prescription Drug Take Back (4/17/2013)
 PDS Newsletter (mailed to all households – 17,000): Winter Edition released in November 2012: Notice of Extra Services (Used motor oil pick-up; Sharps; prescription drugs to HHW; battery and CFL curbside pickup; and HHW services), “Please Help Eliminate Litter” Notice, and Adopt-A Spot.
 Newspaper: Green Footprint Festival (6/13/2013) – Event notice
 Light pole banners (8' type) are changed out throughout the year promoting a litter free City (July – November), not trashing storm drains with litter, leaves, oil and runoff, and promoting the existence of the Delta at the local storm drain (January – May).

C.7.d ► Stormwater Point of Contact

Summary of Any Changes Made during FY 12/13:
No Change. The main point of contact for the City of Pittsburg program is:
 Jolan Longway; 925-252-4803; jlongway@ci.pittsburg.ca.us
 The City of Pittsburg has this information posted on its storm water website at well as part of the reporting procedures within the City.

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., Enviroscope presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways

		<p>distributed</p> <ul style="list-style-type: none"> • Results of any spot surveys conducted
<p>Local (& countywide): The City of Pittsburg sponsored the Bringing Back the Natives Garden Tour at the \$1,000 level. The Tour took place on Sunday, May 5, 2013. The Tour showcased 43 gardens in Alameda and Contra Costa counties with 40 talks and demonstrations.</p>	<p>The Bringing Back the Natives Garden Tour is a free, self-guided event that showcases pesticide-free, water conserving gardens that provide habitat for wildlife and contain 50% or more native plants. This Tour has been honored with DPR’s IPM Innovator award for Education and Outreach. This year Tour organizer Kathy Kramer received the Jefferson Award for the Bringing Back the Natives Garden Tour. Right before the Tour, this piece was shown on CBS three times, and the Tour and award were promoted on KQED twice</p>	<ul style="list-style-type: none"> • 43 gardens were showcased on the Tour • 40 talks and demonstrations were given • 200 volunteers made the tour possible • there were 5,773 registrants • \$10,000 worth of natives sold through the Native Plant Sale Extravaganza • 12,831 garden visits were made • 744,000 page requests made on the garden tour website in the last year • 43 Pittsburg residents registered <p>98% of those filling out the evaluations rated the tour “Excellent” or “Very Good.” This year 70% of the registrants were repeat visitors, and 30% were attending the tour for the first time. 72% of registrants who had attended a previous Bringing Back the Natives Garden Tour, and who filled out the evaluation form, said they had changed their gardening practices because of their participation in the Bringing Back the Natives Garden Tour.</p>
<p>Local: The City of Pittsburg hosted a new festival event; “Green Footprint Festival”. The event took place on June 3, 2013, at the City’s children’s park (Small World Park), the day after school was finished. It hosted the “green” theme with information from solar to composting to recycling and litter reduction.</p>	<p>The festival was for families. The park is a closed park and families do pay an entrance fee which was discounted for the festival. The event hosted a variety of vendors which were asked to have a kid friendly activity. There were 17 vendors present. Kids for the Bay</p>	<p>Good year!! Over 352 people attended. There was an activities book to visit each booth and there were lines all day of patient people (kids & adults) listening and learning about each subject at the booth. There were many compliments from the participants and vendors – all wanting to return next year. Many felt the venue was of value. It was noted that there seemed to be more interaction between parents and vendors with pertinent questions related to the environment.</p>
<p>Local: The GREAT Pittsburg Cleanup. This creek clean up is hosted each year in the Spring in</p>	<p>This is a creek cleanup event. Students and adults form the community (schools and</p>	<p>Great group of motivated volunteers. We had 89 volunteers and they collected over 35 yards</p>

<p>conjunction with the national and statewide Keep America and California Clean program which runs March through May.</p>	<p>businesses) volunteer for a few hours to clean portions of the creek system. The event was promoted to church groups, businesses, via water bill inserts and the City's e-news, reader boards, blog, and website. The event was May 18th at Central Park again cleaning the flood/creek channel.</p>	<p>of trash – 4 truckloads. Volunteers were amazed and asking how the material could travel into the creek system. Good dialog about illegal dumping, conveyance of water and general litter.</p>
<p>Local: Marina Clean Green Boating - Continued</p>	<p>The Marina continues to education boaters about not spilling fuel and oil on the water. They provide spill pads and fuel donuts to prevent spills on the Delta. Pittsburg Marina gained Green Boating Certification again. This certification is very difficult to achieve.</p>	<p>The Marina hands out spill pads continually as well as has a facility to accept oil, oil filters and batteries from tenants. The Marina handed out 72 Clean and Green boating bags as well as other materials after the individual signs a pledge card. The Marina also passes out tide books with green marina information, tips, and service locations.</p>
<p>Local: Anti-Litter Banners posted in local parks.</p> 	<p>The City created banners to be posted at the entrances of four local athletic fields. The banners states "Please respect our local parks by picking up your trash." It also has the slogan Litter Travel but can Stop with you. The banners are English/Spanish and the City is placing additional trash units. We added banners to four more sites.</p>	<p>City staff has been pleased with the notification to residents and visitors. They are bright and noticed which they believed has improved litter conditions in the parks. Staff requested more banners for parks and staff ordered another 8 banners.</p>
<p>Local: National Night Out</p>	<p>A Community event where by the Police department honors Neighborhood Watch groups by opening up Small World Park for an evening to invite them and other residents to say thank you for community involvement and to get others involved. The PD invited various departments and local agencies to pass out information.</p>	<p>The Environmental Affairs Department has participated over the years. In 2012, there were over 900 residents that attended. Staff distributed information about stormwater, HHW, Adopt a Spot, batteries, sharps, and distributed bags to promote less use of plastic bags.</p>
<p>Local: Neighborhood Improvement Meetings</p>	<p>Community meetings to discuss City projects, issues, department efforts. Presentations by various staff members. Environmental Affairs discusses recycling litter, NPDES, Adopt a Spot and all the functions of the department. One on one with residents to supply literature,</p>	<p>The City conducted 2 in the Fall of 2012 and 2 in Spring 2013 in parks and various buildings. Over all probably reached over 150 residents. It also provided a time to ask any staff members questions about programs and gain their support for participation.</p>

	information on clean ups, and other items.	

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:

Regional and countywide efforts noted in the Clean Water Program’s Annual Report, section c7, on the various activities and participation in the CC Watershed Stewardship Collaborative Forum.

Local: The City of Pittsburg is a contributing member of the California Product Stewardship Council, Native Plant Tour, and participating on the Bay Area Waterways Regional Group.

Local: The Partners for the Watershed is an active group government, academic, and industry members that implement education and stewardship activities within the Kirker Creek Watershed. The Kirker Creek Watershed Management Plan, a community based document published in 2004, identifies a series of projects and programs that promote project-based watershed education and community stewardship activities within the watershed. Partners for the Watershed have been integral in the implementation of these activities.

The Delta Waters Education Program is a program created by Partners for the Watershed an opportunity to educate students on: the history of the Delta; the geography of the Delta within the California water system; what a watershed is and the function of a wetland; perform water quality testing; understand their role in the food chain; learn about native and non-native species and plants with a walking tour; and learn about the human impact on the environment (pollution, trash, etc). The uniqueness of this program is the ability to have the 3.5 hour classroom out at the Dow Wetland providing local students an opportunity to experience hands on activities within the wetlands which is unique in this area. The program is presently being created to meet 4th grade state curriculum guidelines. Last year, we had 9 classrooms attend our program – approx. 300 students plus teachers and parents. Local high school and college students are assistants and mentors with the scientist at the various activity stations since it has been demonstrated that younger students enjoy working and learning from these individuals. With this new venue and platform, more students have been able to attend due to cost savings from the vessel used in the previous program. In addition, there seems to be more interaction with the students at the Wetlands. Teachers have comments how impressed they were with their student’s questions, responses to questions by the various instructors and their retention back in the classroom. The teacher evaluations were marked excellent and included surprising remarks about their students interactions and observations during the fieldtrip program.

Partners for the Watershed continue to meet monthly to coordinate the Delta Waters Education Program as well as other clean up and education efforts.

C.7.g. ► Citizen Involvement Events		
List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.		
Event Details	Description	Evaluation of effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Number of inlets marked. • Data trends
Local: The GREAT Pittsburg Cleanup. This creek clean up is hosted each year in the Spring in conjunction with the national and statewide Keep America and California Clean program which runs March through May.	This is a creek cleanup event. Students and adults form the community (schools and businesses) volunteer for a few hours to clean portions of the creek system. The event was promoted to church groups, businesses, via water bill inserts and the City's e-news, reader boards, blog, and website. The event was May 18th at Central Park again cleaning the flood/creek channel.	Great group of motivated volunteers. We had 89 volunteers and they collected over 35 yards of trash – 4 truckloads. Volunteers were amazed and asking how the material could travel into the creek system. Good dialog about illegal dumping, conveyance of water and general litter.
Local: Water Quality Monitoring / Watershed Invasive Removal– Los Medanos College Chem Lab Students	A professor at the local college has his Chem Lab students participate in local watershed events. The students participated in the Coastal Cleanup Event by removing invasive from the waterways. In addition, they did some water quality sampling within the creek.	Each year they work on various projects required or needed in the local watershed. They will do standard test with equipment from the college (pH, turbidity, etc.) however, this year assistance with invasive removal at the wetlands was needed and their assistance improved the impaired body of water.
Local: Adopt-a-Spot Program		The City created a local Adopt-a-Spot program as a program for the Neighborhood Improvement Team. It is a beautification effort with a strong anti-litter component, hand weeding areas, and cleaning storm drains or
		The City has actively promoted for the first time due some funding availability. A logo has been created and incorporated into signage and for bags and gloves for volunteers. The City has created a guidelines

	debris.	and requirements for participation and posted on its websites. Promotion to churches, blogs, e-news blasts, etc has resulted in 7 locations being adopted and 5 pending.
Local: Marina Vista Elementary School~~ Shoreline Clean-up; May 14 th and 20 th .	A portion of the Kids for the Bay education program is a service learning activity as a component of the Watershed Action Plan created. A shoreline cleanup was selected.	The 64 students picked up multiple bags of garbage along the shoreline as well as tried to get some out of the water. One student quote, "I am so glad we are picking up trash before it goes into the water." Another, "I am looking for small pieces of trash so the birds don't eat it."

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) ~~~~~ Regional: Countywide efforts noted in Program's FY 12/13 Annual Report.	Brief description, messages, methods of outreach used ~~~~~ Regional support for Kids for the Bay, athlete and school age outreach by contractor, and the Mr. Funnelhead program. See program report.	Provide number or participants ~~~~~ See Program Report.	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable. ~~~~~ See Program Report
Local: Kids For the Bay	Classroom and hands-on activities for students to learn about the local Watershed.	Two teachers and 64 fourth grade students from Marina Vista Elementary School.	A full summary report is included as an attachment of the student activities, their reports and the teacher's evaluations.

<p>Local: Delta Waters Education Program</p>	<p>Continued a special hands-on education experience in the local watershed – Dow Wetlands Preserve. See description in section C.7.f.</p>	<p>Received grant funding to coordinate new program and equipment.</p>	<p>The new workbook and teachers guide are great! We had a fabulous year with nine classrooms (approx. 300 students plus teachers & parents) that were able to participate in the program. The reviews from the teachers were excellent. Students were really engaged, great questions, and retaining information according to teacher evaluations. Teachers were amazed at the student's interaction and participation.</p>
<p>Local: Pittsburg High School Green Campus Challenge</p>	<p>The local high school program engaged in a Green Competition between classes but incorporated a separate individual call to action for taking extra efforts to pick up litter or to recycle. – iSpy Program</p>	<p>Open to entire student body. Estimated that the school collected over 500 entries over the course of the program.</p>	<p>Concept: School monitors (teachers, advisors, and staff) will be given raffle tickets to give to students who take the extra effort to recycle materials and clean up litter. Students will turn in tickets into Principal's office. Drawings February, March, and April. Prizes and deadlines: February – Solar backpack; March – Kindle Fire; May – iPad. Program worked really well. Principal loved and wants it exclusively for litter next year.</p>
<p>Local: Anti-Litter Banners posted in local parks.</p>	<p>The City created banners to be posted at the entrances of four local athletic fields that are used by various adult and youth soccer and baseball leagues. The banners states "Please respect our local parks by picking up your trash." It also has the slogan Litter Travel but can Stop with you. The banners are English/Spanish and the City is placing additional trash units.</p>	<p>These parks are reserved weekly by residents and school age children for baseball and soccer.</p>	<p>Staff has been please with the results indicating there is less trash to be picked up in these heavily used parks. More banners will be ordered for the remaining parks.</p>

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

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

Summary

During FY 12-13, we contributed through the CCCWP 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 CCCWP, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 12-13 Annual Report. City staff also participated on the CCCWP's Monitoring Subcommittee.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.b ► Implement IPM Policy or Ordinance

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

Trends in Quantities and Types of Pesticides Used⁶⁰

Pesticide Category and Specific Pesticide Used	Amount ⁶¹				
	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	
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	

C.9.c ► Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	16
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	16
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

⁶⁰ Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁶¹ 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.

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

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

C.9.f ▶ Interface with County Agricultural Commissioners					
Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?		<input checked="" type="checkbox"/>	Yes	<input 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. No improper pesticide usage was reported this fiscal year.					

**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 Effectiveness Evaluation Report is included in Section C.9 Pesticides Toxicity Control of the CCCWP's FY 12-13 Annual Report
In addition, on July 18, 2011 the City Council approved City Council Resolution 11-11676 establishing a Citywide IPM Policy. All permanent City staff have passed their QAC Certification. With this certification each employee is required to attend 20 hours of continuing education classes that update their knowledge of IPM, regulations, and other topics related to pesticide safety. The City contracts with an IPM certified Contractor to address structural IPM issues. Additionally, developers of new residential subdivisions distribute information to their new residents regarding IPM practices as a pollutant source control measure for compliance with C.3.

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:

Regional: See C.9 Pesticides Toxicity Control section of the Programs FY 2011-2012 Report for information and point of purchase.
Countywide effort and local support: Our Water Our World; Bay Friendly Landscape Maintenance Coalition
Local Effort: Supported 'Bring Back the Natives" Tour to encourage residents to learn about native plants and other IPM practices presented during tour visits and in the tour guide.
Local Effort: The City's storm water website has a Safe Pesticides/Insecticides page promoting Our Water Our World as well as beneficial bugs, composting and grasscycling. There is information on Native and Invasive Plant, 'What Can I Do?' with information on mercury, and litter with links to recent articles.

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 report that summarizes these actions.

Summary:

See the C.9 Pesticides Toxicity Control section of the CCCWP's FY 12-13 Annual Report for a report that evaluates outreach to residents. The City's web-site offers information regarding the proper disposal of pesticide disposal, and directs residents to the Delta Household Hazardous Waste Facility as a possible outlet.

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:

Regional: See C.9 Pesticides Toxicity Control section of the Programs FY 2012/13 Report for outreach to pest control operators and landscapers to reduce pesticide use.

The City participates in a regional outreach to Pest Control Operators and encourages them to become green certified. City has contracted with a Green Pro Certified contractor. City has a landscaper section on website.

City staff has also become a certified IPM Operator through the Bay Friendly Landscaping program.

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.

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 City installed 50 linear feet of 36" dia. Roscoe Moss Storm Flo screens, which receive trash received from residential, commercial, and school uses. The purchase of this device was made possible through grant monies made available through SFEP. The device was installed in fall of last year, and has proven to be an effective means of capturing and removing trash from a drainage area of approximately 300 acres.

Descriptions of Maintenance Activities:

Maintenance of the screens requires a two person crew, with the use of a vactor truck, and rake. Debris removal from these screens takes about four hours due to the difficult nature of the site conditions; the screens are installed at the bottom of a trapezoidal drainage channel that is about 12 feet deep. Since its installation, the device has been cleaned out twice. The debris is raked to one end of the screens and vacuumed out, and dumped at the main corporation yard where the contents are analyzed, left to dry out and then disposed. The outfall ditch has a constant foot to two feet of standing water. The County Vector Control Department has inspected the site in early spring and deposited mosquito fish in the ditch. Standing water is a result of the lack of maintenance of the downstream condition of the PG&E property that receives the water conveyed by this ditch. The City Engineer has been in communications with PG&E to clean out the downstream stretch of the channel; work is pending removal / relocation of the homeless encampment that has taken root within the PG&E property. Photographs of the debris pile are taken and recorded on a work order that is tracked on the City's cartograph database system. Information regarding clean up is also reported on the SFEP trash tracker database. To date there have been only two incidents of vandalism at the trash capture site, but both incidents involved the security fencing around the device but not the device itself.

See attachments C.10.a.iii City of Pittsburg Draft Trash Management Area Map, and C.10.a.iii City of Pittsburg Draft Full trash Capture Map at the end of this report.

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.					
Applicable Trash Management Area (Preliminary Map ID)	Device Type	Planned or Installed	Maintenance Frequency	Total Number Installed	Total Area Treated (acres)
Area 10	Roscoe Moss Storm-Flo Screens	Installed	Quarterly	4 screens (50 lf total)	300 acres

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.

The Trash Hot Spot Locations are identified on both the trash Management Area Map and Full trash Capture Map.

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)
Buchanan Park	4/10/2013	0.346	0.40	0.4	Plastic Wares and fast food containers	Windblown trash from the picnic area of the park.
Yosemite and Harbor Street	4/10/2013	0.346	0.40	0.4	Plastic products fast food containers	Site is adjacent to an elementary school, wastes tossed out of the car by school-age children and or adults waiting to pick up their children.
Behind Martin Luther King Jr. School	4/10/2013	0.15	0.40	0.3	Various types of plastic products	Discarded household items; area is located behind homes.
Parkside Drive	4/10/2013	0.346	0.30	0.4	Food containers / Wares fast food containers	Trash generated from people tossing their garbage out of the car as they drive by.

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	Prior to visual verification of the trash generation, PW street sweepers were interviewed to identify areas known to generate a high volume of trash. This information was compared with data collected for called-out pick-ups of dumped material. A team of three City staff personnel conducted visual verification of very high, high, and medium trash generation areas.
2. Identifying trash sources (as necessary or feasible) to assist in selecting trash management actions	Areas within the City that are of the same land use, is the primary basis for source identification. Additionally, Public Works and field personnel are assisting with the effort to ground truth our assumptions. By determining the demographics of the maintenance areas, we will be able to choose the most effective means of addressing the trash issues within their sub-area.
3. Prioritizing trash generating areas and associated types of trash problems	The City intends to give highest priority to the sensitive parcels based upon its proximity to the Delta, and properties that are accessible by the general public to tributaries of Kirker Creek. These parcels are largely industrial, and bordered by the Pittsburg-Antioch Highway. The City's commercial areas are also assigned high priority. These commercial areas are clustered adjacent to the north and south of Highway 4, and east and west side of Railroad Avenue, main arterial routes in and out of the City. The rationale is to address the trash problem in areas where the products originate, to be able to contain the garbage before it spreads Citywide. Next priority will be the areas clustered around schools. Visual observations from staff showed that trash found in these areas are more concentrated at the school parcel itself and thin out throughout the residential properties that radiate from the school sites. The rationale to cluster the school with the residential areas surrounding the school is to address the main population that generates the trash. The remaining areas to the south and west of the City consist of residential uses with a mixture of single and multi-family residential dwelling units. These areas are identified as medium trash generation areas. Priority again depends on accessibility to Kirker Creek, and increase in priority geographically from the southern to northern sections of the City.
4. Identifying and selecting trash management actions for specific management areas	The City has been divided into ten primary management areas: <ul style="list-style-type: none"> • Areas 1 and 2 consist of Retail and Commercial Areas. Possible mitigation measures for these areas include installation of catch basin inserts, and increased storm drain inlet maintenance. • Area 3 consists of parcels in the marina area. Possible mitigation measures for this area include

	<p>improved trash bin / container management, and increase on-land clean up. Staff is also exploring the possibility of installing a capture device in the marina waterway itself.</p> <ul style="list-style-type: none"> • Area 4 consists of industrial parcels in close proximity to the Delta. The trash generated in this area a primarily windblown trash from the Pittsburg-Antioch Highway. The City with the assistance of the Pittsburg transfer Station has implemented an aggressive covered loads program. • Area 5 consists of parcels in close proximity to reaches of Kirker Creek. The easily accessible portions of Kirker Creek are adjacent to Public Parks. The City has launched an Adopt a Spot program, which community groups are actively participating in to voluntarily pick up trash in these park areas. • Area 6 consists of school district properties and surrounding residential parcels with the same trash generation rate. The City intends to do more outreach to these communities by incorporating more trash related awareness and clean up participation through City sponsored programs such as Kids for the Bay and Delta Waters Education program. In addition, the City holds Neighborhood Information meetings quarterly in various neighborhoods throughout the City to discuss a variety of City issues. Outreach could be achieved to these communities regarding trash awareness and providing information on free trash pickup events, and promotion of the City’s Adopt a Spot program. • Area 7 consists of residential neighborhoods not adjacent to schools, not in close proximity to Kirker Creek, but experience chronic dumping. • Area 8 consists of multi-family dwelling units that are identified as medium trash generation areas, • Area 9 consists of parks that are medium trash generation areas • Area 10 consists of areas that are low trash generation areas. <p>Possible mitigation for areas 7 thru 10 include outreach to these communities through the Neighborhood Informational Meetings.</p> <p>Other mitigation measures not area-specific include:</p> <ul style="list-style-type: none"> • The re-activation of cameras located in various hot-spot dumping areas throughout the City. • Currently there is one City staff whose sole task is to patrol the City and address illicit dumping. • Further analysis will be done of the collection system infrastructure to determine, where it would be feasible to install another large-scale trash device that would have a greater, more effective means of trash removal.
<p>5. Defining the type of assessment(s) that will be used to demonstrate progress towards goals</p>	<p>The assessment methods are still yet to be finalized and will be included in the City’s Long Term Trash Management Plan.</p>

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
Trash Management Area Specific Actions				
Full-Capture Treatment Devices	Continued Pre-MRP Actions:		Plastic bottles, bags, fast food wrappers	Plastics
	New/Enhanced Post-MRP Actions Initiated/Planned: Four Roscoe Moss Storm Flo screens were installed north of the Dover Way, Frontage Road intersection.	10		
Street Sweeping	Continued Pre-MRP Actions: Additional street sweeping is conducted in commercial areas	2	Food wares wrappers, cups	Paper products
	New/Enhanced Post-MRP Actions Initiated/Planned: No additional street sweeping is planned however; additional parking restrictions may be implemented for more effective street sweeping.	2		
On-land Trash Cleanups	Continued Pre-MRP Actions: The City continues to use the manpower from the alternative work program to pick up garbage in public parks and rights of way.	1-10	Wind-blown, lack of trash pickup service, general disregard for the disposal of unwanted items.	Food wrappers, beverage bottles, old furniture or other personal belongings.
	New/Enhanced Post-MRP Actions Initiated/Planned: The City launched an Adopt a Spot program to urge private businesses to maintain an area within the City in exchange for recognition of their businesses within the public rights of way.			

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: The City installed two partial capture devices: <ul style="list-style-type: none"> - A Contech device was installed in the north bound lane of Davi Avenue, and treats approximately 0.50 acres. - A Storm Ceptor device was installed in the parking area of the Promenade at the waterfront, and treats approximately 0.88 ac. The locations and drainage areas are shown on the Full Trash Capture map shown in section C.10.a.iii.	Areas 3 and 5 respectively	Windblown	Paper, plastics
	New/Enhanced Post-MRP Actions Initiated/Planned: The City intends to approach the owners of the commercial areas to persuade them to install these devices on their property.	Area 2		
Enhanced Storm Drain Inlet Maintenance	Continued Pre-MRP Actions: Additional service maintenance is devoted to these areas, due to its close proximity to the Delta.	Areas 1-5	Windblown, careless disposal of food containers, wrappers.	Beverage containers, paper, plastics.
	New/Enhanced Post-MRP Actions Initiated/Planned: No enhancements planned at this time.			
Activities to Reduce Trash from Uncovered Loads	Continued Pre-MRP Actions:			
	New/Enhanced Post-MRP Actions Initiated/Planned: Outreach to customers of the Transfer Station, participation by the Pittsburg Police Department to issue citations for drivers of uncovered loads.	Area 4		
Anti-littering and Illegal Dumping Enforcement	Continued Pre-MRP Actions:		Illegal	Various

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
Activities	New/Enhanced Post-MRP Actions Initiated/Planned: Cameras located at strategic hot spot dumping locations will be re-activated, and prosecute those persons caught on tape.	Areas 1-10	Dumping	materials
Improved Trash Bins/Container Management	Continued Pre-MRP Actions: Permit conditions for encroachment permits require that trash bins / containers are covered when not in use. City field staff is tasked for reporting properties that are suspected of not having trash pickup service.	Areas 1-10	Residential Areas	Paper, plastics
	New/Enhanced Post-MRP Actions Initiated/Planned: None planned at this time.			
Creek, Channel, Shoreline Cleanups	Continued Pre-MRP Actions: The Great Pittsburg Clean Up – yearly creek clean up of various creek tributaries within the City.	Areas 1-10		
	New/Enhanced Post-MRP Actions Initiated/Planned: Adopt a Spot Program			
Area/Jurisdictional-wide Actions				
Single-Use Carryout Bag Policies	Continued Pre-MRP Actions:			
	New/Enhanced Post-MRP Actions Initiated/Planned: As of the date of this report the City has completed the initial study and filed a negative declaration for the proposed citywide plastic bag ban. Adoption of the Ordinance is tentatively scheduled for September 16, 2013.	Jurisdiction-wide		
Polystyrene Foam Food Service Ware	Continued Pre-MRP Actions: The City currently has a CFC Polystyrene food container ban.	Jurisdiction-wide		

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
Policies	New/Enhanced Post-MRP Actions Initiated/Planned: An amendment to the existing Ordinance to include all polystyrene food containers is planned for later fall, early spring 2014.			
Public Education and Outreach Programs	Continued Pre-MRP Actions:	Jurisdiction-wide		
	New/Enhanced Post-MRP Actions Initiated/Planned: Green Footprint Festival			

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: a.) The City participates in a regional HHW program with the Delta Household Hazardous Waste Collection Facility. The City does not have separate collection events such as far east county cities due to the proximity of the facility being located in Pittsburg. The Facility is open Thursday –Saturday 9-4. Businesses are allowed to make appointments for Wednesdays and sometimes Tuesdays depending on staffing.
 b.) Thermostat collection was promoted last year to local auto facilities and contractors.

2. The City promotes the HHW facility for all collection of mercury for residents and small businesses. The city collects its own materials ships to an authorized mercury recycling facility in Arizona.

3. Collection a.) See Promotion and DHHWCF information for weekly collection. B.) The City continues to distribute brochures on mercury and has it electronically on its website. The local HHW facility and the cities continue to promote the collection of mercury devices and fluorescent tubes and CFL. In 2012/13, the HHW facility collected 77 lbs of mercury waste and 13,045 lbs of tubes. Pittsburg’s reporting is approx. 16.4 lbs and 2,778.6 lbs respectively.

This fiscal year, the Delta Household Hazardous Waste Facility lumped all of the mercury containing items together so a precise piece count was not captured. Also, our weights include the container along with sorbent material, so that weights aren’t just of the devices themselves. For thermostats, the mercury ampule was removed and the rest was recycled with ewaste collection. The 77 pounds of mercury collected in FY12/13 includes thermostats, thermometers and other elemental mercury (along with the packing container and sorbent). A breakdown of how much of each was collected was not recorded. Of the 77 pounds, approximately one pound was thermometers from small businesses and 15 pounds was elemental mercury from businesses.

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.

Please refer to the FY 12-13 CCCWP Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in Contra Costa County.

Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps ⁶² (linear feet)	83,800	0.173885

⁶² Only linear fluorescent lamps should be included

CFLs ⁶³ (each)	5,592	0.025164
Thermostats ⁶⁴ (each)	See Comment 3 above for explanation.	See Comment 3 above for explanation.
Thermostats (lbs)	See Comment 3 above for explanation.	See Comment 3 above for explanation.
Thermometers (each)	See Comment 3 above for explanation.	See Comment 3 above for explanation.
Switches (lbs)	See Comment 3 above for explanation.	See Comment 3 above for explanation.
Total Mass of Mercury Collected During FY 2011-2012:		16,558 lbs.

⁶³ Only compact fluorescent lamps should be included

⁶⁴ 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

A summary of countywide CCCWP and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of CCCWP's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

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:

See the FY 12-13 CCCWP Annual Report for a description of training provided countywide and/or regionally.

C.12.b ▶ Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities

C.12.c ▶ Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations

C.12.d ▶ Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices

C.12.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit

C.12.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs

C.12.g ▶ Monitor Stormwater PCB Pollutant Loads and Loads Reduced

C.12.h ▶ Fate and Transport Study of PCBs In Urban Runoff

C.12.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region

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

Summary

A summary of countywide CCCWP and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of the CCCWP's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

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 again noncompliance

The use of copper for architectural features is rare in the City of Pittsburg. In the last six years we've had one application submitted proposing the use of decorative copper, but ultimately the copper decorative feature was never installed as it was too cost prohibitive. The City's web-site offers information to the public for the proper disposal of mercury and copper materials and provides a link to the Delta Household Hazardous Facility web page for more detailed information for appropriate disposal.

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 City distributes a brochure developed by the Clean Water program regarding the appropriate way to drain pools and spas; this brochure is given to applicants that obtain permits to either construct or demolish an existing pool.

C.13.c ▶ Vehicle Brake Pads

Reported in a separate regional report.

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

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

(FY 12-13 Annual Report Only) – 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.

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 CCCWP's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

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

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

Summary

There were no facilities to highlight for copper reduction during this fiscal year.

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

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

Summary

A summary of the countywide CCCWP and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of the CCCWP's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

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

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

<p>Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:</p> <ul style="list-style-type: none"> • Promote conservation programs • Promote outreach for less toxic pest control and landscape management • Promote use of drought tolerant and native vegetation • Promote outreach messages to encourage appropriate watering/irrigation practices • Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.
<p>Summary:</p> <p>The City of Pittsburg, through the CCCWP promotes several programs and measures to minimize pollutant loading from excess irrigation including, but not limited to:</p> <ul style="list-style-type: none"> • 6th Edition Stormwater C.3 Guidebook adopted by ordinance promotes to land development professionals landscaping designed to: 1) minimize irrigation and runoff; 2) promote infiltration of runoff where appropriate; and, 3) minimize use of fertilizers and pesticides using pest-resistant plants that are suited to site conditions (e.g., soil and climate). • Green Business Program promotes to businesses a variety of measures such as using drought tolerant plantings, mulching, carefully monitoring irrigation schedules and needs, and implementing Integrated Pest Management. • Our Water Our World (OWOW) Program promotes to consumers and the point of purchase less toxic alternatives to combating lawn and garden pests. • Bay Friendly Landscaping and Gardening Training and Certification Program promotes to landscapers a variety of measures designed to reduce waste and prevent stormwater pollution. <p>Additionally, the City implements its efficient water usage ordinance by requiring new developments to submit efficient water usage calculations and a detailed landscape plan to the Planning Department prior to permit issuance of residential development projects.</p>

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Hydrant #	Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow (gallons/day)	Chlorine Residual (mg/L)	Discharge Turbidity⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
14057	Redondo Dr/San Juan Dr	Planned	Sacramento River	7/2/12	7:55 – 8:30	12716		0.03	0.138	Dechlorination
14059	230 Redondo Dr	Planned	Sacramento River	7/2/12	8:35 - 8:50	2992		0.03	0.122	Dechlorination
14023	Brookside Dr/Sierra Dr	Planned	Sacramento River	7/2/12	9:05 – 9:45	16456		0.01	0.109	Dechlorination
14052	244 Sierra Dr	Planned	Sacramento River	7/2/12	9:50 - 10:00	748		0.01	0.308	Dechlorination
14050	Sierra Dr/San Juan Dr	Planned	Sacramento River	7/2/12	10:45 – 11:15	11968		0.03	0.155	Dechlorination
14048	124 Sierra Dr	Planned	Sacramento River	7/2/12	11:20 – 12:00	11968	56848	0.00	N/A	Dechlorination
2091	Sequoia Dr/Railroad Ave	Planned	Sacramento River	7/3/12	8:30 – 8:55	8228		0.02	0.151	Dechlorination
3139	Sequoia Dr/San Juan Ave	Planned	Sacramento River	7/3/12	9:05 – 9:30	10472		0.00	0.088	Dechlorination
788	El Camino Dr/San Juan Ave	Planned	Sacramento River	7/3/12	12:20 – 12:55	14960		0.04	0.162	Dechlorination
190	El Camino Dr/Railroad Ave	Planned	Sacramento River	7/3/12	13:00-13:20	7480		0.03	0.141	Dechlorination
14043	El Camino Dr/Lassen Dr (car needs to be moved)	Planned	Sacramento River	7/3/12						Dechlorination
14039	El Camino Dr/Plaza Ct	Planned	Sacramento River	7/3/12	10:20 – 11:00	13464		0.02	0.156	Dechlorination
14025	3892 Brookside Dr	Planned	Sacramento River	7/3/12	13:25 – 13:45	8228	62832	0.00	0.155	Dechlorination

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

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Hydrant #	Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow (gallons/day)	Chlorine Residual (mg/L)	Discharge Turbidity⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
14034	3833 Lassen Dr	Planned	Sacramento River	7/5/12	7:35 – 7:55	3740		0.02	0.141	Dechlorination
3144	Brookside Dr/El Dorado Dr	Planned	Sacramento River	7/5/12	8:20 – 8:55	12716		0.02	0.192	Dechlorination
14032	El Dorado Dr/Shasta Cir	Planned	Sacramento River	7/5/12	9:05 – 9:45	16456		0.03	8.71	Dechlorination
14030	3852 Shasta Cir	Planned	Sacramento River	7/5/12	9:50 – 10:05	8228		0.04	0.446	Dechlorination
16109	El Dorado Dr/ Shasta Cir	Planned	Sacramento River	7/5/12	10:50 – 11:30	11220		0.01	0.295	Dechlorination
14017	177 El Dorado Dr	Planned	Sacramento River	7/5/12	12:45 – 13:20	21692	74052	0.03	0.261	Dechlorination
16110	133 El Dorado Dr	Planned	Sacramento River	7/9/12	8:15 – 8:25	4488		0.02	0.096	Dechlorination
191	El Dorado Dr/Railroad Ave	Planned	Sacramento River	7/9/12	8:40 – 9:10	15708		0.04	0.103	Dechlorination
15867	Yosemite Dr/Brookside Dr	Planned	Sacramento River	7/9/12	9:40 – 10:04	26928		0.00	0.229	Dechlorination
15866	318 Yosemite Dr	Planned	Sacramento River	7/9/12	11:00 – 11:10	640		0.00	0.110	Dechlorination
15865	252 Yosemite Dr	Planned	Sacramento River	7/9/12	11:20 – 11:30	6732		0.02	0.100	Dechlorination
15864	Yosemite Dr/San Juan Dr	Planned	Sacramento River	7/9/12	12:55 – 13:40	20994		0.02	0.145	Dechlorination
15863	143 Yosemite Dr	Planned	Sacramento River	7/9/12	13:55 – 14:10	5236	83078	0.02	0.707	Dechlorination
5200	Yosemite Dr/Railroad Ave	Planned	Sacramento River	7/10/12	9:05 – 9:45	13464		0.04	0.100	Dechlorination
15730	San Juan Dr/Calistoga Dr	Planned	Sacramento	7/10/12	10:10 - 10:45	17504		0.03	0.390	Dechlorination

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Hydrant #	Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow (gallons/day)	Chlorine Residual (mg/L)	Discharge Turbidity⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
			River							
15728	22 Coronado Ct	Planned	Sacramento River	7/10/12	10:55 – 12:05	20944		0.03	0.080	Dechlorination
15724	8 Trinity Ct	Planned	Sacramento River	7/10/12	13:15 – 13:50	15708	67320	0.03	0.152	Dechlorination
15726	237 Calistoga Dr	Planned	Sacramento River	7/11/12	8:00 – 8:25	12716		0.00	1.26	Dechlorination
15731	Calistoga Dr/Glacier Dr	Planned	Sacramento River	7/11/12	8:35 – 9:00	18700		0.03	0.118	Dechlorination
15717	Mariposa Dr/San Juan Dr	Planned	Sacramento River	7/11/12	9:45 – 10:05	9724		0.03	0.163	Dechlorination
15715	241 Mariposa Dr	Planned	Sacramento River	7/11/12	10:15 – 10:40	9724		0.03	0.103	Dechlorination
15713	Mariposa Dr/Glacier Dr	Planned	Sacramento River	7/11/12	10:50 – 11:25	27676	78540	0.03	0.153	Dechlorination
5012	Valle Vista/Yellowood Pl	Planned	Sacramento River	7/13/12	8:00 – 8:45	17,204		0.03	0.211	Dechlorination
5002	Valle Vista/Versailles Pl	Planned	Sacramento River	7/13/12	8:50 – 9:25	10,472	17,204	0.03	0.194	Dechlorination
108	141 Encinal Pl	Planned	Sacramento River	7/18/12	8:35 – 9:00	3,740		0.01	0.356	Dechlorination
5005	123 Encinal Pl	Planned	Sacramento River	7/18/12	9:30 – 9:45	5,984		0.03	0.195	Dechlorination
12285	Valle Vista/Castlewood	Planned	Sacramento River	7/18/12	10:30 – 11:15	14,960		0.04	2.61	Dechlorination
5015	4440 Buchanan Pl	Planned	Sacramento River	7/18/12	11:25 – 11:40	5,236		0.01	0.598	Dechlorination
5016	4420 Buchanan Pl	Planned	Sacramento River	7/18/12	12:40 – 13:00	9,724		0.03	0.195	Dechlorination

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System

Hydrant #	Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow (gallons/day)	Chlorine Residual (mg/L)	Discharge Turbidity ⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
12245	Castlewood Dr/Buchanan Pl	Planned	Sacramento River	7/18/12	13:35 – 14:24	12,716	52,360	0.03	4.50	Dechlorination
13039	3962 Alta Vista Cir	Planned	Sacramento River	7/19/12	14:00 – 14:20	3,740	3,740	0.03	N/A	Dechlorination
10977	4259 Hillview Dr	Planned	Sacramento River	7/20/12	7:50 – 8:15	5,984		0.01	0.411	Dechlorination
12243	14 Castlewood Dr	Planned	Sacramento River	7/20/12	9:20 – 9:40	4,488	10,472	0.04	0.181	Dechlorination
12458	Buchanan Rd/Encinal Pl	Planned	Sacramento River	7/23/12	7:45 – 8:25	11,220		0.02	0.098	Dechlorination
12155	13 Encinal Pl	Planned	Sacramento River	7/23/12	8:30 – 8:55	5,236		0.02	0.100	Dechlorination
12056	15 Gold Crest Ct	Planned	Sacramento River	7/23/12	9:20 – 9:50	4,488		0.02	0.118	Dechlorination
12260	39 Gold Crest Ct	Planned	Sacramento River	7/23/12	10:45 – 11:05	5,984		0.02	0.109	Dechlorination
12271	95 Gold Crest Ct	Planned	Sacramento River	7/23/12	11:50 – 12:00	2,992	29,920	0.03	0.178	Dechlorination
13061	Crestview Dr/Nina Pl	Planned	Sacramento River	7/24/12	7:50 – 8:30	12716		0.01	0.133	Dechlorination
12188	Crestview Dr/Buena Vista	Planned	Sacramento River	7/24/12	8:45 - 9:25	9724		0.02	0.107	Dechlorination
12186	16 Buena Vista	Planned	Sacramento River	7/24/12	9:30 – 9:45	2992		0.01	0.149	Dechlorination
12231	Kingswood Dr/Castlewood Dr	Planned	Sacramento River	7/24/12	11:05 – 12:00	12716		0.04	0.719	Dechlorination
351	17 Kingswood Dr	Planned	Sacramento River	7/24/12	12:45 – 13:20	9724		0.03	0.091	Dechlorination
12237	10 Kingswood Dr	Planned	Sacramento	7/24/12	13:30 – 13:45	11968		0.01	0.643	Dechlorination

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Hydrant #	Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow (gallons/day)	Chlorine Residual (mg/L)	Discharge Turbidity⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
			River							
12285	Castlewood Dr./Valley Vista	Planned	Sacramento River	7/24/12	10:25	na		0.02	0.100	Dechlorination
12245	Castlewood Dr./Buchanan Pl	Planned	Sacramento River	7/24/12	12:00	na		0.02	0.719	Dechlorination
13064	Crestview Dr/Lemonwood Pl	Planned	Sacramento River	7/25/12	8:05 – 8:45	11,968		0.02	0.748	Dechlorination
12213	13 Lemonwood Pl	Planned	Sacramento River	7/25/12	9:20 – 9:55	6,732		0.03	0.699	Dechlorination
12254	Crestview Dr/Del Cerro	Planned	Sacramento River	7/25/12	10:05 – 10:40	8,976		0.03	0.176	Dechlorination
12258	7 Vista Diablo	Planned	Sacramento River	7/25/12	10:50 – 11:15	6,732		0.03	0.211	Dechlorination
12175	Buchanan Rd/Pacini Ave	Planned	Sacramento River	7/25/12	11:30 – 11:55	3,740		0.03	0.348	Dechlorination
12179	Pacini Ave/Buena Vista	Planned	Sacramento River	7/25/12	12:45 – 13:30	8,976	47,124	0.01	0.592	Dechlorination
13031	3878 Alta Vista Cir	Planned	Sacramento River	8/6/12	7:50 – 8:40	11220		0.03	0.196	Dechlorination
13041	3974 Alta Vista Cir	Planned	Sacramento River	8/6/12	8:50 – 9:10	4488		0.02	2.28	Dechlorination
13039	3962 Alta Vista Cir	Planned	Sacramento River	8/6/12	9:25 – 9:40	3740		0.01	1.45	Dechlorination
13035	3922 Alta Vista Cir	Planned	Sacramento River	8/6/12	10:35 – 10:50	2992		0.03	0.225	Dechlorination
13033	3908 Alta Vista Cir	Planned	Sacramento River	8/6/12	11:00 – 11:20	2992		0.02	0.242	Dechlorination
13029	Alta Vista Cir/Alta Vista Ct	Planned	Sacramento River	8/6/12	12:40 – 13:15	8228	33,660	0.01	0.198	Dechlorination

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Hydrant #	Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow (gallons/day)	Chlorine Residual (mg/L)	Discharge Turbidity⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
12060	3990 Alta Vista Cir	Planned	Sacramento River	8/7/12	7:35 – 7:55	6732		0.03	0.078	Dechlorination
12205	Crestview Dr/Alta Vista Cir	Planned	Sacramento River	8/7/12	8:20 – 9:20	18700		0.01	0.477	Dechlorination
	11 Sunnyhill Way	Planned	Sacramento River	8/7/12	9:45 – 10:10	5984		0.03	0.083	Dechlorination
12199	Sunnyhill Way/Casa Verde Way	Planned	Sacramento River	8/7/12	11:15 – 11:45	8976		0.00	0.165	Dechlorination
	23 Clairmont Pl	Planned	Sacramento River	8/7/12	12:40 – 12:55	3740		0.00	0.610	Dechlorination
13045	12 Clairmont Pl	Planned	Sacramento River	8/7/12	13:10 – 13:25	3740	47872	0.00	1.99	Dechlorination
13043	Crestview Dr/Clairmont Pl	Planned	Sacramento River	8/8/12	10:20 – 11:40	25432		0.01	0.164	Dechlorination
13047	Crestview Dr/Kingston Pl	Planned	Sacramento River	8/8/12	12:50 – 13:20	8228	33660	0.01	0.105	Dechlorination
5119	179 Lois Ave	Planned	Sacramento River	8/9/12	8:40 – 9:15	14960		0.00	0.358	Dechlorination
5121	123 Lois Ave	Planned	Sacramento River	8/9/12	9:20 – 9:40	3740		0.03	0.355	Dechlorination
5166	Lois Ave/Ramona St	Planned	Sacramento River	8/9/12	10:20 – 10:30	3740		0.03	0.259	Dechlorination
	317 Cabrillo Pl	Planned	Sacramento River	8/9/12	11:35 – 12:50	8228		0.03	0.174	Dechlorination
13049	Chatworth St/Crestview Dr	Planned	Sacramento River	8/9/12	13:15 – 13:40	8228	38896	0.01	0.105	Dechlorination
5168	292 Ramona St	Planned	Sacramento River	8/14/12	8:00 – 8:30	8976	8976	0.02	0.123	Dechlorination
235	2261 Lynbrook Ct	Planned	Sacramento	8/16/12	8:00 – 8:55	7480		0.03	0.155	Dechlorination

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Hydrant #	Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow (gallons/day)	Chlorine Residual (mg/L)	Discharge Turbidity⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
			River							
973	Lynbrook Ct/Fairborn Dr	Planned	Sacramento River	8/16/12	9:00 – 9:25	8228		0.02	0.189	Dechlorination
264	2225 Lynbrook Dr	Planned	Sacramento River	8/16/12	9:40 – 10:20	5236		0.02	0.668	Dechlorination
2285	2228 Lynbrook Dr	Planned	Sacramento River	8/16/12	11:05 – 11:40	9724		0.02	0.278	Dechlorination
234	2202 Lynbrook Dr	Planned	Sacramento River	8/16/12	12:55 – 13:25	4488		0.01	0.169	Dechlorination
15667	39 Welton Ct	Planned	Sacramento River	8/16/12	13:50 – 14:05	11220	41140	0.00	0.127	Dechlorination
15629	Hanna St/Welton Ct	Planned	Sacramento River	8/17/12	8:00 - 8:30	8228		0.03	0.119	Dechlorination
15636	343 Turnstone Cir	Planned	Sacramento River	8/17/12	9:00 - 9:20	5236		0.03	0.446	Dechlorination
15627	Hanna St/Turnstone Cir	Planned	Sacramento River	8/17/12	9:40 -	9724		0.01	0.241	Dechlorination
15626	232 Whimbrel Cir	Planned	Sacramento River	8/17/12	11:10 – 11:35	4488		0.00	0.191	Dechlorination
15625	Hanna St/Whimbrel Cir	Planned	Sacramento River	8/17/12	12:40 – 13:20	11220	38896	0.01	0.218	Dechlorination
15656	Hanna St/Willet Ct	Planned	Sacramento River	8/20/12	7:55 – 8:15	4488		0.03	0.134	Dechlorination
	23 Willet Ct	Planned	Sacramento River	8/20/12	8:20 – 8:35	2992		0.04	0.099	Dechlorination
15666	5 Addison Ct	Planned	Sacramento River	8/20/12	8:45 – 9:00	2992		0.01	0.086	Dechlorination
15624	Hanna St/Piedmont Way	Planned	Sacramento River	8/20/12	9:05 – 9:45	12716		0.02	0.329	Dechlorination

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Hydrant #	Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow (gallons/day)	Chlorine Residual (mg/L)	Discharge Turbidity⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
	981 Garcia Ave	Planned	Sacramento River	8/20/12	11:15 – 11:55	8976		0.00	0.400	Dechlorination
	961 Garcia Ave	Planned	Sacramento River	8/20/12	12:45 – 13:10	2992	35156	0.01	0.222	Dechlorination
	941 Garcia Ave	Planned	Sacramento River	8/22/12	7:55 – 8:10	3740		0.00	0.830	Dechlorination
	941 Garcia Ave	Planned	Sacramento River	8/22/12	8:25 – 8:40	2992		0.00	0.174	Dechlorination
145	750 Garcia Ave	Planned	Sacramento River	8/22/12	9:30 – 9:50	2244		0.00	0.581	Dechlorination
15668	51 Dunlin Ct	Planned	Sacramento River	8/22/12	11:30 – 11:45	2992		0.02	1.19	Dechlorination
15658	Hennessey St/Dowitcher Ct	Planned	Sacramento River	8/22/12	12:40 – 13:30	14212	26180	0.04	0.269	Dechlorination
14818	87 Olmsted Ct	Planned	Sacramento River	8/24/12	7:40 – 7:55	2244		0.02	0.351	Dechlorination
15636	Hennessy St/Olmsted Ct	Planned	Sacramento River	8/24/12	8:10 – 8:45	11220		0.00	0.278	Dechlorination
15670	111 Olmsted Ct	Planned	Sacramento River	8/24/12	8:50 – 9:05	3740		0.02	0.176	Dechlorination
	2235 Old Creek Cir	Planned	Sacramento River	8/24/12	9:40 – 10:00	2992		0.00	0.358	Dechlorination
	2248 Old Creek Cir	Planned	Sacramento River	8/24/12	10:20 – 10:45	2244		0.00	0.181	Dechlorination
16199	2200 Old Creek Cir	Planned	Sacramento River	8/24/12	10:10 – 11:35	4488		0.00	0.413	Dechlorination
	Westgate Dr/Old Creek Cir	Planned	Sacramento River	8/24/12	12:45 – 13:35	10472	37400	0.00	1.112	Dechlorination
16198	Westgate Dr/Glenmount Dr	Planned	Sacramento	8/29/12	9:10 – 9:10	8228		0.00	0.191	Dechlorination

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Hydrant #	Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow (gallons/day)	Chlorine Residual (mg/L)	Discharge Turbidity⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
			River							
16196	Westgate Dr/Greenfield Dr	Planned	Sacramento River	8/29/12	9:15 – 9:50	3732		0.01	0.210	Dechlorination
16189	2213 Westgate Dr	Planned	Sacramento River	8/29/12	10:15 – 10:30	2244		0.00	0.132	Dechlorination
	Westgate Dr/E Leland Rd	Planned	Sacramento River	8/29/12	10:40 – 11:00	3740		0.03	0.189	Dechlorination
11913	1658 Freed Cir	Planned	Sacramento River	8/29/12	12:45 – 13:35	12716	33660	0.00	0.348	Dechlorination
	1101 Railroad Lane	Planned	Sacramento River	9/17/12	11:40	na		0.03	0.152	Dechlorination
12340	Barrie Ct/Campbell Dr.	Planned	Sacramento River	9/18/12	9:00	na		0.03	0.481	Dechlorination
5170	Ramona St/Marks Blvd	Planned	Sacramento River	10/2/12	9:10 – 10:15	22440		0.03	0.611	Dechlorination
	193 Marks Blvd	Planned	Sacramento River	10/2/12	13:10 – 13:40	13464	35904	0.04	0.150	Dechlorination
5116	Seeno Ave/Marks Blvd	Planned	Sacramento River	10/3/12	8:15 – 9:15	21692		0.01	0.213	Dechlorination
5113	128 Marks Blvd	Planned	Sacramento River	10/3/12	9:25 – 9:40	5236		0.02	0.199	Dechlorination
5110	Marks Blvd/Pacini Ave	Planned	Sacramento River	10/3/12	9:45 – 10:06	6732		0.01	0.358	Dechlorination
5083	Riverview Dr/Mae Ave	Planned	Sacramento River	10/3/12	10:15 – 11:35	21692		0.01	0.412	Dechlorination
5085	151 Mae Ave	Planned	Sacramento River	10/3/12	12:35 – 13:00	8228		0.00	0.392	Dechlorination
5080	Mae Ave/Seeno Ave	Planned	Sacramento River	10/3/12	13:15 – 14:05	23936	87516	0.03	0.223	Dechlorination

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Hydrant #	Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow (gallons/day)	Chlorine Residual (mg/L)	Discharge Turbidity⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
5086	Mae Ave/Ramona St	Planned	Sacramento River	10/4/12	7:45 – 8:30	12716		0.02	0.108	Dechlorination
5093	Hillcrest Ave/Ramona St	Planned	Sacramento River	10/4/12	8:35 – 9:05	6732		0.04	0.218	Dechlorination
5091	Hillcrest Ave/Seeno Ave	Planned	Sacramento River	10/4/12	9:55 – 10:55	29920		0.01	0.198	Dechlorination
5069	151 Hillcrest Ave	Planned	Sacramento River	10/4/12	11:05 – 11:25	7480		0.01	0.248	Dechlorination
	Hillcrest Ave/Riverview Dr	Planned	Sacramento River	10/4/12	12:35 – 13:30	23188	80036	0.03	0.214	Dechlorination
	E. 12 th St./Solaris St.	Planned	Sacramento River	10/29/12	14:00	na		0.01	0.673	Dechlorination
5056	198 Panoramic Ave	Planned	Sacramento River	10/30/12	9:55 – 10:05	2244		0.02	0.138	Dechlorination
5058	148 Panoramic Ave	Planned	Sacramento River	10/30/12	10:10 – 10:25	2992		0.00	0.341	Dechlorination
5061	Panoramic Ave/Seeno Ave	Planned	Sacramento River	10/30/12	10:55 – 11:15	6732		0.00	0.443	Dechlorination
5062	Panoramic Ave/Ramona St	Planned	Sacramento River	10/30/12	11:55 – 12:05	2244	14212	0.00	0.671	Dechlorination
5048	Linschied Ave/Riverview Dr	Planned	Sacramento River	11/2/12	8:15 – 9:00	14212		0.01	0.071	Dechlorination
5049	Linschied Ave	Planned	Sacramento River	11/2/12	9:10 – 9:15	2992		0.00	0.340	Dechlorination
5155	Linschied Ave/Seeno Ave	Planned	Sacramento River	11/2/12	9:25 – 10:00	11968		0.00	0.824	Dechlorination
5164	Linschied Ave/Ramona Ave	Planned	Sacramento River	11/2/12	10:05 – 10:35	8976		0.00	0.120	Dechlorination
1741	Manville Ave/Riverview Dr	Planned	Sacramento	11/2/12	11:40 – 11:50	2244	40392	0.00	0.183	Dechlorination

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Hydrant #	Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow (gallons/day)	Chlorine Residual (mg/L)	Discharge Turbidity⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
			River							
5034	Manville Ave/Seeno Ave	Planned	Sacramento River	11/5/12	13:20 – 14:00	16456		0.00	0.101	Dechlorination
5039	56 Manville Ave	Planned	Sacramento River	11/5/12	14:20 – 14:35	2992	19448	0.00	0.091	Dechlorination
5023	Riverview Dr/Lorraine Ave	Planned	Sacramento River	11/9/12	8:20 – 9:00	18700		0.00	0.198	Dechlorination
5025	Lorraine Ave/Seeno Ave	Planned	Sacramento River	11/9/12	9:15 – 9:45	16456	35156	0.01	0.187	Dechlorination
5137	Madoline St/Manville Ave	Planned	Sacramento River	11/13/12	8:45 – 9:35	5984		0.02	0.436	Dechlorination
5027	Madoline St/Lorraine Ave	Planned	Sacramento River	11/13/12	10:00 – 10:35	13464		0.01	0.148	Dechlorination
5029	50 Lorraine Ave	Planned	Sacramento River	11/13/12	11:00 – 11:10	2992		0.02	0.098	Dechlorination
	Seeno Ave/Tiffany Dr	Planned	Sacramento River	11/13/12	11:20 – 11:50	14212		0.01	0.246	Dechlorination
	Tiffany Dr/Randolph Dr	Planned	Sacramento River	11/13/12	12:50 – 13:25	7480	44132	0.00	0.214	Dechlorination
	1600 North Park Blvd.	Planned	Sacramento River	1/10/13	11:00	na		0.01	3.39	Dechlorination
	53 Palm Dr	Planned	Sacramento River	3/7/13	11:00 – 11:25	5984		0.02	0.241	Dechlorination
16328	10 Palm Dr	Planned	Sacramento River	3/7/13	12:40 – 13:00	2992		0.03	0.311	Dechlorination
	23 Surf Dr	Planned	Sacramento River	3/7/13	13:10 – 13:30	4488		0.01	0.143	Dechlorination
16316	73 Pali Way	Planned	Sacramento River	3/7/13	13:45 – 14:00	2244	15708	0.03	0.348	Dechlorination

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Hydrant #	Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow (gallons/day)	Chlorine Residual (mg/L)	Discharge Turbidity⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
	Kings Rd/Pali Way	Planned	Sacramento River	3/8/13	10:25	na		0.02	0.841	Dechlorination
16312	82 Hilo Dr.	Planned	Sacramento River	3/8/13	11:25	na		0.04	0.349	Dechlorination
16306	113 Reef Dr.	Planned	Sacramento River	3/8/13	13:40	na		0.00	0.716	Dechlorination
16304	123 Banyon Dr.	Planned	Sacramento River	3/8/13	14:10	na		0.02	0.522	Dechlorination
	148 Maui Dr	Planned	Sacramento River	3/11/13	8:00 – 8:15	1496		0.03	0.299	Dechlorination
16297	182 Sunset Way	Planned	Sacramento River	3/11/13	8:40 – 9:05	3740		0.00	0.233	Dechlorination
	140 Maui Dr	Planned	Sacramento River	3/11/13	12:45 – 13:00	748		0.02	0.334	Dechlorination
	188 Kona Cir	Planned	Sacramento River	3/11/13	13:35 – 13:45	1496	7480	0.02	0.931	Dechlorination
	305 Alta Vista Cir (new Hydrant)	Planned	Sacramento River	4/15/13		na				Dechlorination
10658	Santa Lucia Dr./Santa Teresa Dr.	Planned	Sacramento River	4/19/13	12:30	na		0.01	0.114	Dechlorination
10638	1360 San Lucas Dr.	Planned	Sacramento River	4/19/13	13:05	na		0.04	0.175	Dechlorination
2498	2498 El Fresco Dr.	Planned	Sacramento River	4/19/13	13:40	na		0.01	0.211	Dechlorination
12021	El Fresco Dr./Via Puerta Dr.	Planned	Sacramento River	4/19/13	14:05	na		0.00	0.211	Dechlorination
	305 Alta Vista Cir (new Hydrant)	Planned	Sacramento River	4/23/13	13:08 – 13:30	8976	8976	0.02	0.091	Dechlorination
	375 Presidio Lane	Planned	Sacramento	6/20/13	0910	na		0.01	0.118	Dechlorination

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System

Hydrant #	Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow (gallons/day)	Chlorine Residual (mg/L)	Discharge Turbidity ⁶⁵ (NTU)	Implemented BMPs & Corrective Actions
			River							
	2 Presidio Lane	Planned	Sacramento River	6/20/13	0935	na		0.04	0.214	Dechlorination
	Hillview Reservoir	Planned	Kirker Creek	1/30/2013	0800	100,000	400,000	0	0.89	Dechlorination
	Hillview Reservoir	Planned	Kirker Creek	2/1/2013		100,000	400,000	0	0.67	Dechlorination
	Hillview Reservoir	Planned	Kirker Creek	2/2/2013		100,000	400,000			Dechlorination
	Stoneman Reservoir	Planned	Willow Creek	2/19/2013		110,000	200,000	0	0.2	Dechlorination
	Stoneman Reservoir	Planned	Willow Creek	2/20/2013		110,000	200,000			Dechlorination
	Stoneman Reservoir	Planned	Willow Creek	2/21/2013		140,000	200,000			Dechlorination
	Stoneman Reservoir	Planned	Willow Creek	2/22/2013		20,000	200,000			Dechlorination
	Stoneman Reservoir	Planned	Willow Creek	5/25/2013	0800	90,000	200,000	0	0.6	Dechlorination
	Stoneman Reservoir	Planned	Willow Creek	5/26/2013		280,000	200,000			Dechlorination
	Stoneman Reservoir	Planned	Willow Creek	5/27/2013		110,000	200,000			Dechlorination
	Stoneman Reservoir	Planned	Willow Creek	5/28/2013		0				Dechlorination
	Hillview Reservoir	Planned	Kirker Creek	7/8/2013	0800	450	400,000	0	0.2	Dechlorination
	Hillview Reservoir	Planned	Kirker Creek	7/9/2013		530	400,000			Dechlorination
	Hillview Reservoir	Planned	Kirker Creek	7/10/2013		670	400,000			Dechlorination
	Hillview Reservoir	Planned	Kirker Creek	7/11/2013		600	400,000			Dechlorination
	Hillview Reservoir	Planned	Kirker Creek	7/12/2013		190	400,000			Dechlorination

FY 12-13 Annual Report
Permittee Name: City of Pittsburg

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System⁶⁶														
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)⁶⁷	pH (standard units)⁵²	Discharge Turbidity (Visual)⁵²	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time⁶⁸	Inspector arrival time	Responding crew arrival time
None														

⁶⁶ This table contains all of the unplanned discharges that occurred in this FY.

⁶⁷ 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.

⁶⁸ 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.

FY 12-13 Annual Report

Permittee Name: City of Pittsburg

Summary Response to table C.3.b.(v).1 “Alternative Compliance Measures”

The City has required the developer to provide alternative compliance to a treatment system on-site. The stormwater runoff from this portion of the entire Toscana project actually drains westward to the treatment basin that was constructed by another developer. This basin however, is a C.3 requirement of the adjacent developer, designed to accommodate the future development of the Alves property. When the Alves project is completely built, this Alves Basin will not have the adequate treatment capacity to meet C.3 requirements. Therefore, the City has required Discovery Builders to retrofit an existing pond within a previously built water treatment train that was required of the San Marco Subdivision about 20 years ago. This pond is being retrofitted as a C.3 basin to mitigate for the runoff volume that, in the future will not be accommodated by the Alves basin.

FY 12-13 Annual Report

Permittee Name: City of Pittsburg

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

NOI FILERS

DELTA ENERGY CENTER
DOW CHEMICAL COMPANY
GENERON IGS INC.
GENON DELTA, LLC
GWF POWER SITE -1
GWF POWER SITE 2
GWF POWER SITE 5
HASA, INC.
K2 PURE SOLUTIONS
KOCH CARBON
LOS MEDANOS ENERGY CENTER
MT. DIABLO RECYCLING CENTER
PRAXAIR, INC.
USS-POSCO INDUSTRIES/USP

AUTO DISMANTLERS

ALL BAY VEHICLE DONATION
EAST COUNTY TOW
FLORES FOREIGN AND DOMESTIC AUTO REPAIR
4-Star Tire

**VEHICLE SERVICE FACILITIES (GENERAL) OIL CHANGE SHOPS,
AUTO BODY SHOPS W/ OR W/O WASHPADS FLEET OPERATIONS
RETAIL CAR WASHES**

ANTIOCH ALLOY, INC. DBA PACIFIC R
HONDA PRO AUTOMOTIVE
ARCO AM/PM (CAR WASH)
AUTO SMOG & REPAIR STATION
AUTOMOTIVE SPECIALISTS
BEN TOW
BIG O TIRES #11
BROWN'S AUTOMOTIVE
BUSH MOTOR WORKS
CASTLE AUTO BODY AND PAINT
CERTIFIED MOBILE AUTO BODY
CHEVRON FOOD MART (CAR WASH) #2104
COLLISION REPAIR
DAVID AND SONS AUTO REPAIR
DELTA MACHINE SHOP
DELTA MUFFLER
DIABLO FORD
DREAM CREATIONS
EL'S SMOG LLC.
EXPRESS SMOG TEST ONLY
FERNANDES TOWING

**FOOD SERVICE FACILITIES FAST FOOD RESTAURANTS FULL
SERVICE RESTAURANTS EMBEDDED FOOD SERVICES (cafeteria,**

FONSECA AUTO REPAIR
FRANK DEROSA'S AUTO BODY
GOLDEN STATE TOWING
GOMEZ AUTO BODY
HERNANDEZ COLLISION AND TOWING, INC.
JESS ENTERPRISES
JOE'S SMOG TEST ONLY
JOHN STANLEY AUTO BODY
JORGE YANEZ, JR.
K&J AUTO REPAIR
K&S TOWING
LOBAS AUTO REPAIR
M. FERNANDES AUTO TOW & STORAGE
MIKE ROSE'S AUTO BODY
NICO'SAUTO REPAIR
OIL CHANGERS-IV #401
PANTRANS
PRAMROS AUTO AND FORKLIFT
PROFESSIONAL AUTO DETAIL
R&R AUTO BODY
RECO'S RENCHES
RIVERA AUTO REPAIR

DELTA VIEW GOLF FOOD & BEVERAGE

FY 12-13 Annual Report

Permittee Name: City of Pittsburg

RETAIL CAR WASHES (cont.)

SIDE B CORPORATION
SUPERIOR CAR WASH, INC.
TECH AUTO
TEPA AUTO BODY
THE GARCIA'S MUFFLER & AUTO REPAIR
TONY'S AUTO REPAIR
TRED SHED
UNITECH MOBILE REPAIR
UNIVERSAL AUTO REPAIR
WALMART TIRE & LUBE EXPRESS
WINTER CHEVROLET
WINTER HONDA

**FOOD SERVICE FACILITIES FAST FOOD RESTAURANTS FULL
SERVICE RESTAURANTS EMBEDDED FOOD SERVICES (cafeteria,**

deli, etc.) GROCERY STORES

7-ELEVEN STORE 2232
7-ELEVEN STORE 33374A
ABDUL'S MARKET
AHUALULCO PANADERIA
ALLSTAR TAMALES AND DELI
AL'S DONUTS
AM ICE CREAM
ANGELO'S PIZZA AND WINGS
BABY NUTRITIONAL CARE #10
BASKIN ROBBINS
BEST DONUTS & ICE CREAM
BIERRERIA EL PUENTE
BIG MOP MARKET
BURGER KING #2505
BURGER KING #6841
CARL'S JR.
CARNITAS TIJUANAS
CHEESE SETAK SHOP, INC
CHILIS
CHINATOWN CHINESE FOODS
CHIPOTLE
CHURCH'S CHICKEN
COTO'S MOTHER BABY FOOD CENTERS
COUNTRY WAFFLES
DAD'S BBQ
DASS SWEETS & CATERING
DEL TACO #886

DEPENDABLE FOODS
DOCKSIDE MARKET
DOMINOS PIZZA
DOMINO'S PIZZA
DON PEPE'S MEXICAN MARKET
DOS CUNADOS MARKET
E & G CHINESE CUISINE
EJ PHAIR BREWERY
EL CHICO
EL HUASTECO RESTAURANT
EL POLLO LOCO
EL SALVADORENO
ELKS LODGE
EZ STOP FOOD MARKET
FAMILY MARKET
FOODS CO. #764
FRESH DONUTS
GOLDEN STAR MARKET
ICE CREAM FUN PROMOTIONS
IHOP #1713
INDIAN TASTE & CATERING
IN-N-OUT BURGER #168
ISLAND PACIFIC SUPERMARKET
ISLAND PACIFIC SUPERMARKET
JACK IN THE BOX #4343
JACK IN THE BOX #510
JACKSON'S CATERING
JADE HOUSE

FY 12-13 Annual Report

Permittee Name: City of Pittsburg

deli, etc.) GROCERY STORES

JAMBA JUICE
KATE CAKE CREATIONS
KENTUCKY FRIED CHICKEN #275
LA AURORA MARKET
LA HACIENDA
LA PINATA
LA RAZA MARKET
LA SUPERIOR PITTSBURG
LA VERANDA
LAS FUENTES TAQUERIA Y MARISCOS
LAS PANCHITAS
LITTLE CESAR'S PIZZA
LITTLE J'S
LOVERIDGE SHELL FOOD MARKET
LUMPY'S DINER
LUPITA'S MEXICAN RESTAURANT
LUTONG BAHAY
M M ICE CREAM
MCDONALD'S #17529 dbi WALMART
MCDONALD'S #8
MEHRAN RESTAURANT
MI PUEBLO
MI SALVADOR RESTAURANTE
MOMOS
Mom's Donut & Ice Cream MOM'S DONUT & ICE CREAM

NANA'S PLACE
NATIONS GIANT HAMBURGERS #12
NEW MECA RESTAURANT
NEW YORK PIZZA PLUS
OLD TOWN BAKER & PIRATES COVE YOGURT SHOP
OLIVE GARDEN #1341
ORIENTAL FOOD & GIFT MART
OUTBACK STEAKHOUSE
PALACE OF FINE FOODS
PANADERIA OCOTLAN
PANDA EXPRESS
PAPA MURPHY'S PIZZA
PARKSIDE MARKET
PINEDA'S
PITTSBURG LIQUOR & DELI
PIZZA GUYS
PLAN B (A TASTE OF SOUL)
POPEYE'S CHICKEN & BISCUITS
PRECIOUS AFRICAN FOOD STORE
PREMI EMPORIUM
QUIZNOS #12279
RALEY'S SUPERMARKET #335
RAMAR FOODS INTERNATIONAL (DAIRY PLANT)
RAMAR FOODS INTERNATIONAL (MEAT PACKING PLANT)
RAMAR INTERNATIONAL FOODS
RED LOBSTER #653

RESTAURANTE MI SALVADOR/PUPUSERIA Y MARISCOS
REYNITA RESTAURANT
ROUND TABLE PIZZA
ROUND TABLE PIZZA
SAFEWAY FOOD & DRUG #1215-10
SASSY SWEETS
SMALL WORLD DELI & CAFÉ
STARBUCKS COFFEE #6914
STEELTOWN COFFEE AND TEA
SUBWAY #29318
SUBWAY #5898
SUBWAY # 42541
SUBWAY SANDWICHES & SALADS
SUPER TACO
T A J MAHAL SUPER STORE
TACO BELL #4617
TACO BELL/ PIZZA HUT EXPRESS 21343
TAQUERIA LAS PALMAS
TAQUERIA LOS REYES
THE CHEESE STEAK SHOP
TOGOS EATERY
VIVA MEXICO GRILL AND CANTINA
WAH SING CHINESE RESTAURANT
WENDYS
WINCO FOODS
WING STOP

RETAIL GAS OUTLETS

ARCO AM/PM
CHEVRON
EAGLE GAS
PITTSBURG CORP YARD
PLAN A BUILDING SUPPLIES
QG LLC

FY 12-13 Annual Report

Permittee Name: City of Pittsburg

GOLDEN STAR SERVICE STATION
PACIFIC GAS MARKET
PITTSBURG 76
PITTSBURG CHEVRON
PITTSBURG SHELL GAS STATION
PITTSBURG SHELL GAS STATION
RAMOS OIL COMPANY
REDWOOD COAST PETROLEUM
USA GASOLINE #127

OTHER

BISHOP WISECARVER
BIO ZONE LABORATORIES, INC.
NUSTAR LOGISTICS (SPECIAL WAREHOUSING AND STORAGE)
ALL PURE POOL SERVICE
ANGELICA HEALTHCARE (LAUNDROMAT)
ANTIOCH BUILDING MATERIALS
BESTCO COMMERCIAL CLEANING SERVICE
BIO-ZONE LABORATORIES, INC.
DELTA MACHINE AND FABRICATION
E - Z STOP FOOD STORE LAUNDROMAT
G & K SERVICES (STORAGE)
HOSPITAL SYSTEMS, INC.
J. B. C. RECYCLING
LA MARINA LAUNDRY MAT
LESLIE'S POOLMART, INC. DBA #152
MT. DIABLO LANDSCAPE CENTERS
PACIFIC COAST GEN ENGINEERING INC.

RAILROAD CLEANERS
READY PRINT
ROLL TECHNOLOGY WEST
SIGNODE WESTERN OPERATIONS
STEWART HEATING & AIR, INC.
THE HOME DEPOT #644
TRENCH PLATE RENTAL
TRENCH PLATE RENTAL
VIKING PROCESSING CORPORATION
WALNUT INDUSTRIAL
WATER TREATMENT PLANT
WEDGEWOOD

c.4.b.iii. (2) Facilities Scheduled for Inspection

FY 12-13 Annual Report

Permittee Name: City of Pittsburg

NOI FILERS

DELTA ENERGY CENTER
DOW CHEMICAL COMPANY
GENERON IGS INC.
GENON DELTA, LLC
GWF POWER SITE 5
HASA, INC.
K2 PURE SOLUTIONS

AUTO DISMANTLERS

ALL BAY VEHICLE DONATION
EAST COUNTY TOW
FLORES FOREIGN AND DOMESTIC AUTO REPAIR
4-Star Tire

**FOOD SERVICE FACILITIES FAST FOOD
RESTAURANTS FULL SERVICE RESTAURANTS
EMBEDDED FOOD SERVICES (cafeteria, deli, etc.)
GROCERY STORES**

DELTA VIEW GOLF FOOD & BEVERAGE
DOCKSIDE MARKET

**VEHICLE SERVICE FACILITIES (GENERAL) OIL
CHANGE SHOPS, AUTO BODY SHOPS W/ OR W/O
WASHPADS FLEET OPERATIONS RETAIL CAR WASHES**

ANTIOCH ALLOY, INC. DBA PACIFIC R
AUTO SMOG & REPAIR STATION
ARCO AM/PM (CAR WASH)
BEN TOW
CERTIFIED MOBILE AUTO BODY
CHEVRON FOOD MART (CAR WASH) #2104
DELTA MUFFLER
DREAM CREATIONS
DIABLO FORD
EL'S SMOG LLC.
EXPRESS SMOG TEST ONLY
M. FERNANDES AUTO TOW & STORAGE

FONSECA AUTO REPAIR

FRANK DEROSA'S AUTO BODY
HERNANDEZ COLLISION AND TOWING, INC.
HONDA PRO AUTOMOTIVE
JESS ENTERPRISES
JOE'S SMOG TEST ONLY
JOHN STANLEY AUTO BODY
JORGE YANEZ, JR.
K&S TOWING

RESTAURANTE MI SALVADOR/PUPUSERIA Y
MARISCOS
SMALL WORLD DELI & CAFÉ

LOBAS AUTO REPAIR
RECO'S RENCHES
R&R AUTO BODY
TRED SHED
UNIVERSAL AUTO REPAIR
WALMART TIRE & LUBE EXPRESS
WINTER CHEVROLET
WINTER HONDA
BUSH MOTOR WORKS
COLLISION REPAIR
DELTA MACHINE SHOP
K&J AUTO REPAIR
NICO'SAUTO REPAIR

**PANTRANS
FOOD SERVICE FACILITIES FAST FOOD RESTAURANTS FULL SERVICE
RESTAURANTS EMBEDDED FOOD SERVICES (cafeteria, deli, etc.)
GROCERY STORES**

7-ELEVEN STORE 2232
7-ELEVEN STORE 33374A
ABDUL'S MARKET
BABY NUTRITIONAL CARE #10
BASKIN ROBBINS
COTO'S MOTHER BABY FOOD CENTERS
DASS SWEETS & CATERING

RETAIL OF CONSTRUCTION MATERIALS

PACIFIC COAST GEN ENGINEERING INC.
IRISH CONSTRUCTION

FY 12-13 Annual Report

Permittee Name: City of Pittsburg

DOS CUNADOS MARKET
ELKS LODGE
EZ STOP FOOD MARKET
FAMILY MARKET
FOODS CO. #764
GOLDEN STAR MARKET
ICE CREAM FUN PROMOTIONS
INDIAN TASTE & CATERING
ISLAND PACIFIC SUPERMARKET

JACKSON'S CATERING
JAMBA JUICE
LA AURORA MARKET
LA RAZA MARKET
LA SUPERIOR PITTSBURG
LOVERIDGE SHELL FOOD MARKET
LUTONG BAHAY
MEHRAN RESTAURANT
M M ICE CREAM
NEW YORK PIZZA PLUS
PALACE OF FINE FOODS
PAPA MURPHY'S PIZZA
PARKSIDE MARKET
PINEDA'S
PITTSBURG LIQUOR & DELI
PRECIOUS AFRICAN FOOD STORE

T A J MAHAL SUPER STORE
VIVA MEXICO GRILL AND CANTINA

MOMOS
ISLAND PACIFIC MARKET
PREMI EMPORIUM

RETAIL GAS OUTLETS

ARCO AM/PM
CHEVRON

EAGLE GAS
GOLDEN STAR SERVICE STATION
PACIFIC GAS MARKET
PITTSBURG 76
PITTSBURG CHEVRON
PITTSBURG SHELL GAS STATION
RAMOS OIL COMPANY
REDWOOD COAST PETROLEUM
USA GASOLINE #127

NURSERY

THE HOME DEPOT #644

MISC INDUSTRIAL

SIGNODE WESTERN OPERATIONS
VIKING PROCESSING CORPORATION
DELTA MACHINE AND FABRICATION
BIO-ZONE LABORATORIES, INC.

WATER TREATMENT PLANT

OTHER

BESTCO COMMERCIAL CLEANING SERVICE
E - Z STOP FOOD STORE LAUNDROMAT
HOSPITAL SYSTEMS, INC.
J. B. C. RECYCLING
LA MARINA LAUNDRY MAT
LESLIE'S POOLMART, INC. DBA #152
MT. DIABLO LANDSCAPE CENTERS
NUSTAR LOGISTICS (SPECIAL WAREHOUSING AND STORAGE)
PLAN A BUILDING SUPPLIES
RAILROAD CLEANERS
READY PRINT
STEWART HEATING & AIR, INC.
TRENCH PLATE RENTAL
WALNUT INDUSTRIAL

FY 12-13 Annual Report

Permittee Name: City of Pittsburg

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

COMPLAINT INFORMATION				INVESTIGATION INFORMATION			RESPONSE TIME (DAYS)					
no.	ADDRESS	DATE & TIME OF COMPLAINT	TYPE OF POLLUTANT	PROBLEM STATUS (POTENTIAL OR ACTUAL DISCHARGE)	DATE AND TIME STARTED	TYPE OF POLLUTANT	ENTERED STORM DRAIN AND/OR RECEIVING WATER	DATE ABATED	TYPE OF ENFORCEMENT (IF APPLICABLE)	CALL TO INVESTIGATION	INVESTIGATION TO ABATEMENT	CALL TO ABATEMENT
1	2448 VALLARTA DRIVE	8/8/2012 2:30PM	CONCRETE	WET CONCRETE IN GUTTER WAS DISCOVERED BY ENGINEERING, ABATED BY PW STAFF. VERBAL WARNING WAS GIVEN TO PROPERTY OWNER/CONTRACTOR. CITY BACKCHARGED CLEANUP TO PROPERTY OWNER.	8/8/2012	CONCRETE	YES	8/8/2012	VERBAL WARNING		0	0
2	2965 RAILROAD AVE, PITTSBURG, CA	8/21/12	UNKNOWN DISCHARGE FROM SHELL BUILDING	CITY STAFF MET WITH PROPERTY OWNER - ON THIS DATE THERE WAS NO EVIDENCE OF DISCHARGE, ALTHOUGH THE WATERMARK IS VISIBLE IN THE SHOPPING CENTER VALLEY GUTTER. PROPERTY OWNER CHECKED ALL INTERIOR BUSINESSES - NO ILLICIT CONNECTIONS FOUND. HVAC CONSULTANT TO BE CALLED FOR INSPECTION OF ROOF. CITY STAFF TO GET COPY OF INSPECTION	21-Aug-12	SOME KIND OF RUNOFF	NO	9/11/2012	WRITTEN NOTICE OF VIOLATION SENT TO PROPERTY OWNER.	0, ENG INSPECTOR WAS THE ONE TO DISCOVER DISCHARGE	23	23

FY 12-13 Annual Report

Permittee Name: City of Pittsburg

				REPORT. PROBLEM TURNED OUT TO BE A PROBLEM WITH THE BUILDING'S HVAC SYSTEM - REPAIRS HAVE BEEN MADE, NO MORE FLUID HAS BEEN SEEN TO DISCHARGE INTO THE VALLEY GUTTER.								
3	3811 RAILROAD AVENUE	8/24/12	RESIDENT FLAGGGED DOWN PW CREW, SAID THERE WAS A STRANGE SMELL COMING FROM STORM DRAIN, WITH STRANGE LOOKING SUBSTANCE. COUNTY HAZ MAT WAS CALLED HAZ MAT CAME AND REMOVED SUBSTANCE. CLEANED DRAIN # 1977 WITH	ACTUAL DISCHARGE INTO STORM DRAIN CATCH BASIN	24-Aug-12	UNKNOWN SUBSTANCE	YES	8/24/12			0	0

FY 12-13 Annual Report

Permittee Name: City of Pittsburg

			VACTOR TRUCK.									
4	1291 EAST LELAND ROAD	9/21/2012 10:00	SOAP, OIL DRUMS IN TRASH ENCLOSURE	SOME KIND OF WHITE SUBSTANCE LEAKING FROM TRASH ENCLOSURE AREA BARRELS OF OIL LEFT IN TRACH ENCLOSURE AREA.	9/21/12 10:00AM	SOAP	NO	9/28/12	NOTICE OF VIOLATION SENT TO PROPERTY OWNER	5	0, DISCOVERED BY CITY INSPECTOR	23
5	3811 RAILROAD AVENUE	11/20/2012,1:25	VEHICLE FLUID	SPILL ABOUT 100 FT LONG ON ASPHALT AND IN SOME SPOT PUDDLING.	11/20/2012, 1:25	UNKNOWN VEHICLE FLUID	NO	11/20/2012		0	0, DISCOVERED BY CITY CREWS	0
6	WESTGATE DR. AND OLD CREEK CIRCLE	12/20/2012, 2:40	PW CREWS DISCOVERED LIQUID IN GUTTER. DISCHARGE WAS DILUTED CARPER CLEANING SOLUTION.	SPILL IN GUTTER	12/20/2012, 2:40PM	CLEANING FLUID	NO	12/20/2012	VERBAL WARNING GIVEN TO PROPERTY OWNER	0	0	0
7	332 ANDREW AT POWER AVE	1/15/2013, 2:10	DISCHARGE WATER FROM FROM WASHING MACHINE	WATER WAS COMING FROM A HOUSE, TRACED BACK TO THE GARAGE AND WASHING MACHINE.	1/15/2013, 2:10PM	WASHING MACHINE WASH WATER	NO	1/15/2013		0	0	0

FY 12-13 Annual Report

Permittee Name: City of Pittsburg

8	2151 PIEDMONT WAY	2/15/2013, 5:15	DISCHARGE OF BROWNISH WATER	DISCHARGE COMING FROM A CONTRACTOR'S HOSE WAS DISCHARGING INTO THE STREET. DISCHARGE WAS FROM PIPE TESTING WORK.	2/15/2013, 5:15 PM	WATER WITH RUST	YES	2/15/2013		5, TOOK STAFF AWHILE TO FIGURE OUT WHICH CONTRACTOR WAS RESPONSIBLE FOR DRAINING WATER.	0, PW CREWS REMOVE DTHE CONTRACTOR'S PIPE WHEN THEY NOTICE IT LAYING IN THE GUTTER.	
9	1870 HEATHERWOOD DR.	2/25/2013;2:00 PM	STANDING WATER	DISCHARGE CAME FROM WASH DOWN FROM CONCRETE WORK AND ROCK FROM SOMEONE'S DRIVEWAY	2/25/2013;2:00 PM	CONCRETE WASH WATER	YES	2/25/2013	VERBAL WARNING	0	0	0
10	2151 PIEDMONT WAY	February 19, 2013	DISCHARGE OF BROWNISH WATER	SAME DISCHARGE ACTIVITY AS 2/15/2013, BY SAME CONTRACTOR	2/19/2013	WATER WITH RUST	YES,	5/13/2013	ENG DEPT ISSUED A STOP WORK NOTICE AND NOTICE OF VIOLATION TO CONTRACTOR	0, STAFF ALREADY KNOW WHO DISCHARGER WAS	ALMOST 3 MO. CONTRACTOR'S WORK WAS FORCED TO STOP ON THE 19TH. STAFF MET WITH CONTRACTOR TO DISCUSS THE SITUATION AND STAFF SENT CONTRACTOR A LETTER OF VIOLATION AND ALSO LIST OR REQUIREMENTS CONTRACTOR WAS TO MEET TO BE ABLE TO FINISH THE PIPE WORK. ENG DEPT ISSUED ENCROACHMENT PERMIT ONLY AFTER CONTRACTOR	3MO.

FY 12-13 Annual Report

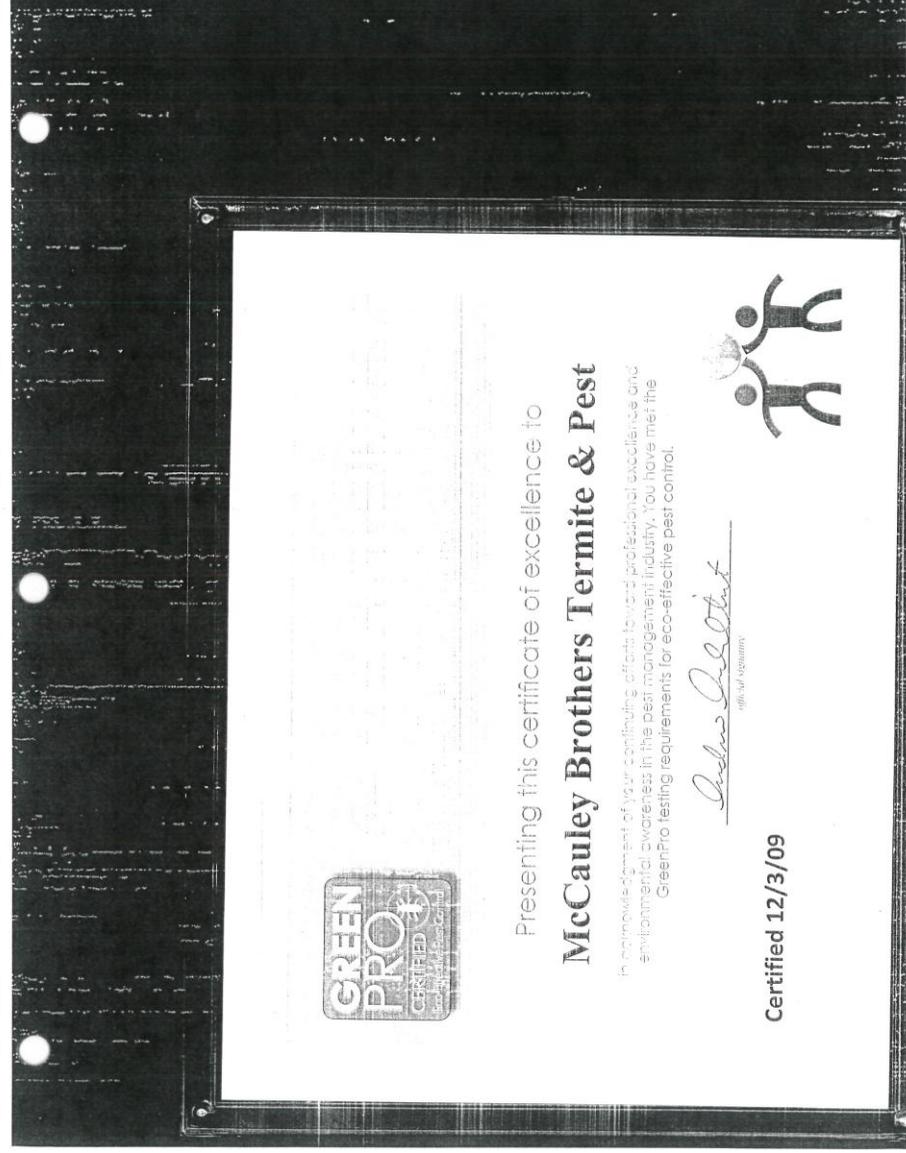
Permittee Name: City of Pittsburg

										COULD MEET ALL THE REQUIREMENTS IN NOTICE OF VIOLATION.		
11	SOLARI STREET UNDERCROSSING	March 4, 2013		Semi truck had accident; coal was spilled onto the road and storm drain .	2/28/2013	Coal	YES	3/4/2013		0 STAFF WAS DISPATCHED IMMEDIATELY.	0	4

FY 12-13 Annual Report

Permittee Name: City of Pittsburg

Attachment C.9.d IPM Contractor's Certification



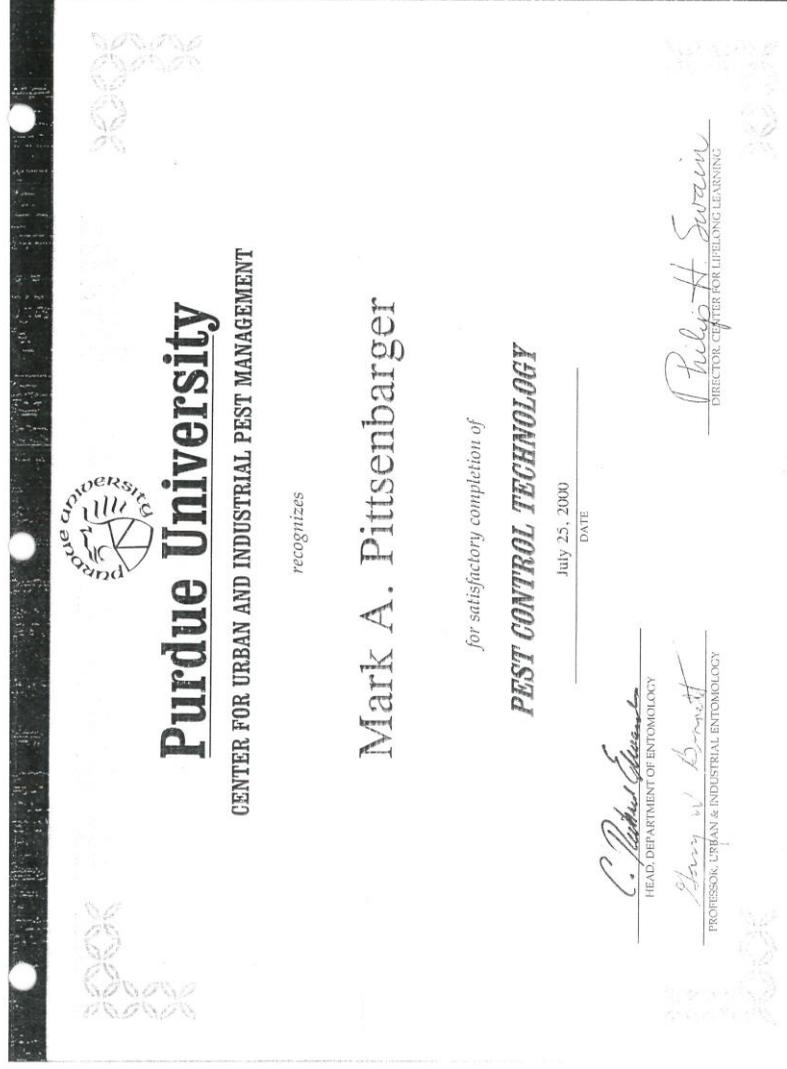
Presenting this certificate of excellence to
McCauley Brothers Termite & Pest

In recognition of your continuing efforts toward professional excellence and environmental awareness in the pest management industry. You have met the GreenPro testing requirements for eco-effective pest control.

Andrew D. Olt
with all members



Certified 12/3/09



Purdue University

CENTER FOR URBAN AND INDUSTRIAL PEST MANAGEMENT

recognizes

Mark A. Pittsenbarger

for satisfactory completion of

PEST CONTROL TECHNOLOGY

July 25, 2000

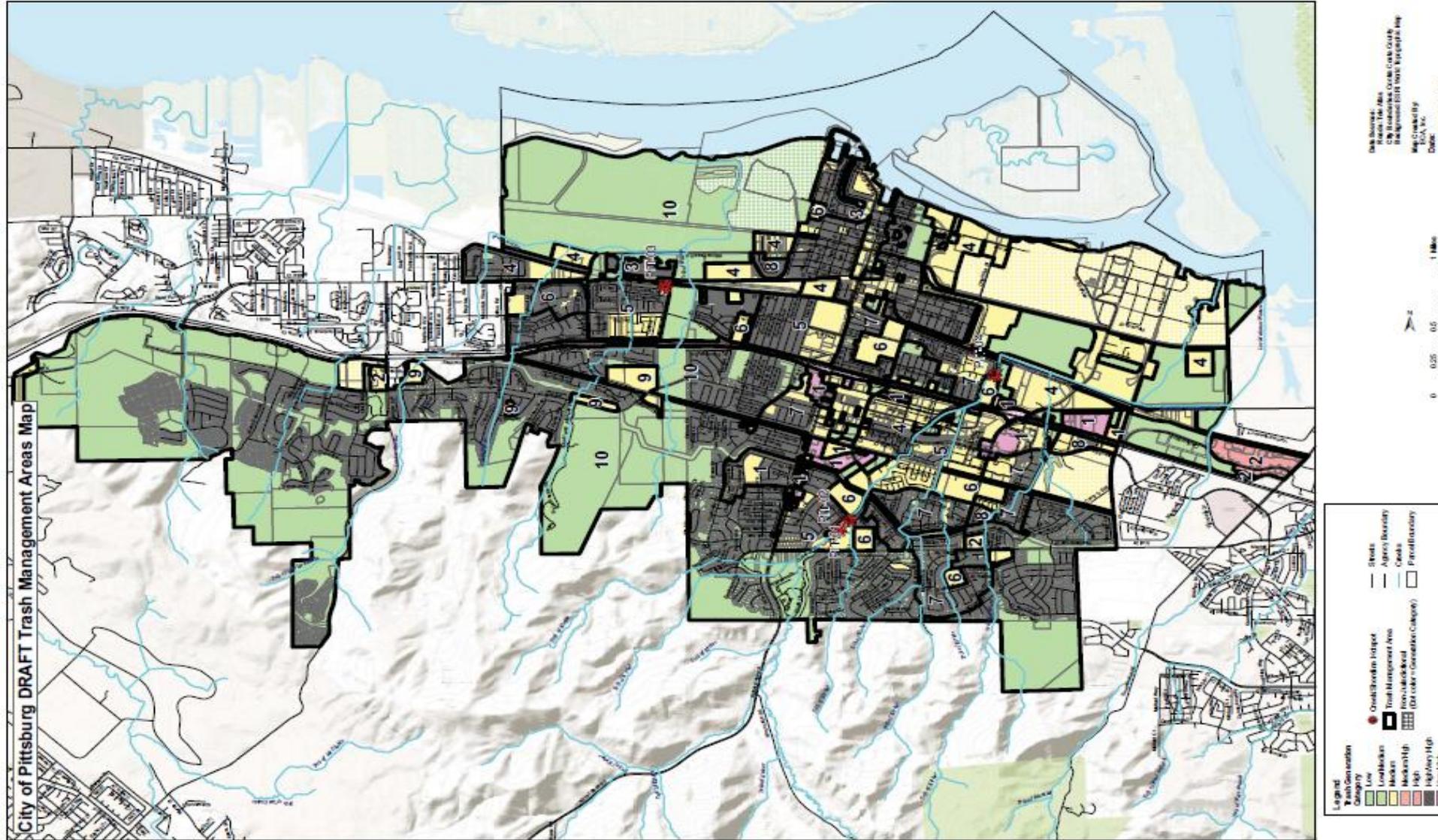
DATE

C. Richard Edwards
HEAD, DEPARTMENT OF ENTOMOLOGY

Gregory W. Bennett
PROFESSOR, URBAN & INDUSTRIAL ENTOMOLOGY

Philip H. Swain
DIRECTOR, CENTER FOR LIFE-LONG LEARNING

Attachment C.10.a. City of Pittsburg Draft Trash Management Area Map



Attachment C.10.a. City of Pittsburg Draft Full Trash Capture Map

