September 10, 2014

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

Subject: **City of Brisbane**
FY 2013/14 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the City of Brisbane pursuant to Permit Provision C.16.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2009-0074, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of compliance activities conducted during FY 2013/14 and related accomplishments.

Please contact me at (415) 508-2131 regarding any questions or concerns.

Sincerely,

RL Breault

Randy L. Breault, P.E.
Duly Authorized Representative
Director of Public Works/City Engineer

Encl: Certification Statement
FY 2013/2014 Annual Report
Appendix

CITY OF BRISBANE
FY 2013/14 ANNUAL REPORT

Certification Statement

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

Signature of Duly Authorized Representative:

Randy L. Breault, P.E. September 10, 2014
Director of Public Works/City Engineer

Table of Contents

Section **Page**

Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Brisbane				
Population:	4,282 (2010 Census)				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2009-0074R				
Reporting Time Period (month/year):	July 2013 through June 2014				
Name of the Responsible Authority:	Randy L. Breault		**Title:**	Director of Public Works/City Engineer	
Mailing Address:	50 Park Place				
City: Brisbane	**Zip Code:** 94005		**County:** San Mateo		
Telephone Number:	415.508.2131	**Fax Number:**	415.467.5547		
E-mail Address:	rbreault@ci.brisbane.ca.us				
Name of the Designated Stormwater Management Program Contact (if different from above):	Diane Cannon	**Title:**	Administrative Assistant		
Department:	Public Works				
Mailing Address:	50 Park Place				
City: Brisbane	**Zip Code:** 94005		**County:** San Mateo		
Telephone Number:	415.508.2136	**Fax Number:**	415.467.5547		
E-mail Address:	dcannon@ci.brisbane.ca.us				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The City continues to conduct yearly inspections for its one corporation yard per our FY10-11 Stormwater Pollution Prevention Plan. City staff continues to participate in the Countywide Program's Municipal Maintenance subcommittee on an ongoing basis (note that as a minimum, participation includes review of the advance meeting material and post-meeting notes). The City does not own or operate any stormwater pump stations. The City does not own or operate any rural roads, and therefore did not attend the Rural Roads Workshop.

Refer to the C.2 Municipal Operations section of the SMCWPPP FY 13-14 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:

The City primarily engages contractors for road and parking lot maintenance, repaving, or repairs. Stormwater pollution prevention requirements are included in contract specifications for projects put out to bid. For small projects that are not put out to bid, direction is provided to the contractor in the field. Oversight and enforcement is performed by the Public Works Inspector during regular field activities. Periodically, the inspector may find BMPs requiring improvement or cases where BMPs are not properly implemented. These issues are addressed in the field by the inspector consistent with the City's Enforcement Response Plan (most recent version dated October 30, 2013).

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:

The City periodically uses BASMAA-certified mobile cleaner to perform sidewalk washing. City Staff does not conduct pavement washing.

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.
Y	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments:

The City has two bridges over water ways that could discharge into storm drains, but has not performed any maintenance activities on these structures in the last year. Graffiti is typically removed by painting over affected areas, thereby eliminating debris or cleaning compound waste discharge. Graffiti removal is conducted under contract by San Mateo County Public Works Staff; as this agency is a co-permittee of the MRP, they are required to comply with these provisions.

The City also operates a Marina following The Clean Marinas program, which is an ongoing endeavor, by a marina industry alliance of private marina owners, government marina operators and yacht clubs, determined to provide environmentally clean facilities and protect the State's coastal and inland waters from pollution through implementation of best management practices. Stormwater quality is improved by prohibiting vehicle and vessel maintenance and washing in marina and yacht club parking lots, thus preventing the discharge of oil, grease and soil discharge into the storm drains. Additionally, all chemicals stored onshore at the marina are required to be stored indoors or in secondary containment to prevent accidental spills due to leakage or other unintended discharge. The certification is awarded by the non-profit organization, *Clean Marina Program*, based in San Diego, CA. Volunteers from all over the state participate in the review and certification process. The Brisbane Marina was certified as a Clean Marina on July 28, 2010, and will require re-certification in July of 2015.

C.2.d. ▶Stormwater Pump Stations

Does your municipality own stormwater pump stations:		Yes	X	No

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

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

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
N/A	N/A	N/A	N/A	N/A

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

N/A

Summary: **N/A**

Attachments: **N/A**

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

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

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

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

Does your municipality own/maintain rural[2] roads:		Yes	X	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.

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

Comments including listing increased maintenance in priority areas:
N/A

[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):

N/A	We do not have a corporation yard
N/A	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
X	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:

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

Comments:
The City developed a SWPPP for its single corporation yard in accordance with the permit requirements. The city has a covered wash rack that is plumbed to the sanitary sewer. Vehicle maintenance is performed indoors or under cover. Raw materials are stored under cover or bermed to contain pollutants.

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**
Brisbane Corporation Yard (City Staff Inspection)	**10/17/13**	**"Overall impression of yard is that it is well maintained & organized. Good general housekeeping procedures are in place and being performed on a regular basis. Only minor leaf accumulation was observed outside of sweeper's ability to reach. City crew does occasionally prepare for sweeper by hand blowing leaves into sweeper's path of travel."**	**Not required.**

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 SMCWPPP FY 13-14 Annual Report includes a description of activities conducted at the countywide or regional level.

There were no pilot green streets projects in this jurisdiction for this reporting period.

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.

One project, 275 Valley Drive, was completed within this jurisdiction for this reporting period. See the attached table for further information

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

(For FY 11-12 Annual Report and each Annual Report thereafter) Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?		**Yes**	X	**No**

Comments (optional): None

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)?		**Yes**	X	**No**
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2014 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.		**Yes**	X	**No**

No applications were received or granted for potential special projects.

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.

This jurisdiction conducted inspections on one stormwater treatment system during this reporting period. This is the only C.3 regulated treatment system located within this jurisdiction. It was installed in 2014. See Appendix, Attachment 3-1 "Stormwater Treatment BMP O&M Verification Inspection Report Form".

(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:

The one treatment unit indicated on the attached forms is the first for this jurisdiction. So there is no comparison to the previous year.

The treatment unit is new and there were no problems found. It was properly installed and operates as intended. Staff will continue inspections as required for future comparison.

(3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).						
Summary: **The O&M program is sufficient. Given only one regulated treatment unit in Brisbane and a limited number projected there are no changes to the prioritization anticipated. Staff will target O&M inspections during rainfall events.**						
(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?		**Yes**		**No**	**X**	**Not applicable. No vault systems.**
If you answered "No" to any of the questions above, please explain: **N/A**						

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

On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training.
Summary: **BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. We have modified local ordinances/policies/procedures and forms/checklists to require all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i.**

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

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											
275 Valley Drive-B.P. 13-0816-17	275 Valley Drive	Integrated Resources Group	NA	**Redevelopment:** Expansion of a warehouse (less than 10,000 sq. ft.) onto an existing parking lot and re-grading the parking lot.	Southern	3.21	0.53	NA	23,352	114,891	114,891
Public Projects											
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments: **None**											

[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										
275 Valley Drive- B.P. 13-0816-17	8/16/13	1/22/14	Marked on Inlets, "No Dumping! Flows to Bay". Retained existing vegetation. Fire sprinklers discharge to sanitary sewer.	Minimize land disturbance and minimize impervious surface. Direct runoff to vegetated areas.	One (1) Flow-through Planter	Maintenance Agreement with Private Landowner	3. Combination Flow and Volume Design Basis	NA	NA	NA – (Exempt Area, per HM Control Area Map; less than one acre; and no increase in impervious surface.)

Comments: **None**

[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), biodetention unit(s), regional detention basin, or in-stream control).

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

Project Name Project No.	Approval Date[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										
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Comments:
There were no C.3 regulated public projects within this jurisdiction for this reporting period.

[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), biodetention 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
Flow-through planter/ 275 Valley Drive	275 Valley Drive	Yes	Integrated Resources Group	2/28/2014	45-day	Flow-through planter	Proper installation and O&M. No action needed.	None	None

[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.e.vi.Special Projects Reporting Table

Reporting Period – January 1 – June 30, 2014

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]
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[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 has a contract with San Mateo County Environmental Health to perform business inspections in the city. We are familiar with the inspections and inspection protocol followed by CEH staff and are satisfied those efforts are compliant with the MRP. An internal review of our own Business Inspection Plan showed a need for significant improvements to ensure that we are capturing all businesses that have the potential to cause or contribute to non-stormwater discharges. The Business Inspection Plan was updated this FY.

Public Works staff participates in the Commercial, Industrial and Illicit Discharge (CII) Subcommittee.

Refer to the C.4. Industrial and Commercial Site Controls section of the SMCWPPP FY 13-14 Annual Report for a description of activities of SMCWPPP and/or the BASMAA Municipal Operations Committee.

Two city staff members attended the April 17, 2014 Commercial/Industrial Stormwater Inspector Workshop.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan?	X	Yes		No

The city's Business Inspection Plan underwent an extensive update; the current version is now dated February 10, 2014.
See Appendix, Attachment 4-1 "Industrial and Commercial Business Inspection Plan".

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 Appendix, Attachment 4-2 "C.4.B.iii.(1), Potential Facilities List, Facilities Inspected by San Mateo County"
Based on the revised dates established in the city's updated inspection plan for data acquisition, city staff did not complete any commercial inspections this year; however, 100% of facilities identified for inspection by City are scheduled for inspection during the next FY - please see C.4.b.iii.(2).

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 Appendix, Attachment 4-3 "C.4.B.iii.(2), Facilities Scheduled for Inspection"

See Appendix, Attachment 4-4 "C.4.B.iii.(2)-Brisbane Facilities Scheduled for Inspection" for facilities to be inspected by city staff. All city businesses on this list will be inspected in FY14-15 by city staff - recommended frequency for repeat inspections will be based on the results of that 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.

	X	Permittee reports multiple discrete violations on a site as one violation.
		Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected	22	
Total number of inspections conducted	24	
Number of violations (excluding verbal warnings)		
Sites inspected in violation	2	8%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	2	100%

Comments:

County Environmental Health (CEH): Food and Haz Mat program inspectors conduct routine Stormwater inspections at inventoried sites based on High, Medium, and Low priorities. If a violation or discharge is observed, a description of the violation is noted on the Inspection Report form, including comments and/or requirements that the facility must complete to clear the violation. If the violation is not cleared at the time of the inspection, a copy of the Inspection Report form is given to a stormwater technician for follow up. For the purposes of this section of the Annual Report, Verbal Warnings are not counted as violations.

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)	2
Potential discharge and other	0

Comments:

Violations are counted as one per site, regardless of the actual number of discrete violations observed/recorded.

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		0	0%
Level 2		2	100%
Level 3		0	0%
Level 4		0	0%
Total		2	100%

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
Haz Mat (including Industrial facilities per 40 CFR; vehicle salvage yards; metal and other recycled materials collection facilities; waste transfer facilities; vehicle mechanical repair, maintenance, fueling, or cleaning facilities; building trades central facilities or yards and corporation yards; nurseries and greenhouses; building material retailers and storage; and plastic manufacturers)	1	0
Food (facilities designated by the Permittee to have a reasonable potential to contribute to pollution of stormwater runoff)	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:

No facilities have been identified as requiring Industrial General Permit coverage that have not filed for coverage.

[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.

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 Inspector Training Workshop	April 17, 2014	Regulatory update, CII routine inspection training, environmental enforcement, case scenarios	2	100

The city's enforcement response plan (ERP) was updated October 30, 2013 to clarify guidance to inspection staff and to assist in taking consistent actions to achieve effective and timely compliance with the City of Brisbane's stormwater ordinance and other enforcement authorities allowed by the Brisbane Municipal Code (BMC).

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

Program Highlights

Provide background information, highlights, trends, etc.

Developed an illicit discharge screening program in FY 10-11 which was the basis for the past year's periodic screening and rapid response to any detected/reported discharges in the channel feeding the Brisbane Lagoon via the Guadalupe Channel.

Participated in the Countywide Program's Commercial, Industrial and Illicit Discharge (CII) Subcommittee. Two city staff members attended the April 17, 2014 Commercial/Industrial Stormwater Inspector Workshop.

Participated in the BASMAA Municipal Operations Committee through SMCWPPP.

The city's enforcement response plan (ERP) was updated October 30, 2013 to clarify guidance to inspection staff and to assist in taking consistent actions to achieve effective and timely compliance with the City of Brisbane's stormwater ordinance and other enforcement authorities allowed by the Brisbane Municipal Code (BMC).

Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 13-14 Annual Report for description of activities at the countywide or regional level.

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
Public Works Director/City Engineer (Randy Breault)	**Spills during work hours can be reported to the Public Works Department.**	**415.508.2130 (PW)**
Brisbane Police Department (Dispatch)	**In off-hours, to the Brisbane Police Department.**	**415.467.1212 (PD)**

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:

If the City receives a business license application for a mobile cleaning business, staff talks with the applicant about storm water pollution prevention requirements and inspects operations in the field to verify compliance. Businesses are required to implement the BMPs recommended by the BASMAA Mobile Surface Cleaners Program, and/or the BMPs recommended in the SMCWPPP mobile business BMP

brochure at http://www.flowstobay.org/files/mobilecleaners/2012-10mobilecleanertrifold.pdf. Staff will also respond to any public complaints regarding any illicit discharges.

Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 13-14 Annual Report for a description of efforts by the Commercial, Industrial and Illicit Discharge (CII) Subcommittee and the BASMAA Municipal Operations Committee to address mobile businesses.

The City periodically hires a BASMAA-certified surface cleaner for sidewalk/plaza cleaning – these contractors are required to comply with implementation of the same BMPs as contractor working for private parties.

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 developed a Screening Program in FY 10-11 to trace discharges to the Brisbane Lagoon via the Guadalupe Channel. The annual screening was completed on January 13, 2014; 15 manholes, 2 mixing basins, and the Guadalupe Channel were screened. No illicit discharges or dumping was detected.

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))	2	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	1	50%
Discharges resolved in a timely manner (C.5.f.iii.(3))	2	100%

Comments:

The discharge that reached receiving waters was reported by city staff when they observed a homeowner washing latex paint into the storm drain system. The other discharge was the result of a leaky older car, and was reported to the city by a concerned citizen.

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

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

See Appendix, Attachment 5-1 "Complaint/Spill/Discharge Tracking Spreadsheet"

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	52

Comments:

The City has 4 sites that we do routine inspections on. 2 of the 4 sites are under a state General Construction Permit and are active sites. 1 site is a Soil Processing Facility under a state Industrial General Permit. One site has been dormant for nearly two years, but continues to be inspected to ensure its erosion control measures are appropriate and functioning. The City deemed all 4 sites as high priority for inspection. The Soil Processing Facility is a commercial facility that is more akin to a construction site with the primary concerns being erosion and sedimentation control. As such, the City considers it a high priority site for purposes of construction site compliance inspections under Provision C.6 and reports it as such. When County Health Performs a business inspection of the facility, it will be reported additionally under section C.4.

C.6.e.iii.1.d ►Construction Activities Storm Water Violations

BMP Category	Number of Violations[51] excluding Verbal Warnings	% of Total Violations[52]
Erosion Control	6	35%
Run-on and Run-off Control	3	18%
Sediment Control	7	41%
Active Treatment Systems	0	0%
Good Site Management	1	6%
Non Stormwater Management	0	0%
Total[53]	**17**	**100%**

NOTE: The city counts 1 or more violations in any category as a single violation, and counts each violated category as a violation. The city also counts every inspection report with a violation as a violation, even if less than 10 days have passed between inspections.

[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

As noted in C.6.e.iii.1.d above, the city counts any/all violations in a category as a single violation, counts all violated categories as a violation, and counts inspection report with a violation as a violation even if 10 days have not yet elapsed between inspections. The one site that produced the majority of violations noted in last year's report continued to require vigilance from city staff, but the violations noted were smaller in scope, and enforcement did not need to be activated beyond Level 2.

	Enforcement Action (as listed in ERP)[54]	Number Enforcement Actions Issued	% Enforcement Actions Issued[55]
Level 1[56]	Verbal Warning	2	25%
Level 2	Written Warning/Notice of Violation	6	75%
Level 3	Notice to Comply (may include Administrative Citation or Stop Work)	0	0%
Level 4	Legal Action	0	0%
Total		**8**	**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)	3
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)	1

This single site is the site referenced in the section above.

[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)	6	100%
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0%
Total number of violations (excluding verbal warnings) for the reporting year	6	100%
Comments: **NONE**		

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 single family home development on steep terrain continued to prove challenging to manage, even with the developer implementing very aggressive BMPS.

C.6.e.iii.(2) ►Evaluation of Inspection Program Effectiveness

Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.

Description:

The city implemented electronic inspection forms in FY 11-12 and continues to find that this procedure facilitates end of year reporting. The city's enforcement response plan (ERP) was updated October 30, 2013 to clarify guidance to inspection staff and to assist in taking consistent actions to achieve effective and timely compliance with the City of Brisbane's stormwater ordinance and other enforcement authorities allowed by the Brisbane Municipal Code (BMC).

Updated BMP plan sheets are made available on the city's website, at the Public Works counter, and in Grading Permit and Building Permit applications. Staff from Community Development/Planning participated in the New Development Subcommittee, and 2 staff members from Public Works participated in the April Stormwater Training Workshop.

Refer to the C.6 Construction Site Control section of the SMCWPPP FY 13-14 Annual Report for a description of activities at the countywide or regional level.

C.6.f ▶ Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Construction Inspection Workshop	April 23, 2014	Overview of C.6 requirements, Statewide Construction General Permits, Temporary BMPs for construction sites	2	100%

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

C.7.b.ii.1 ▶Advertising Campaign

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

Summary:

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

- **BASMAA Be the Street Campaign Report.**

During the annual October community festival known as "Day in The Park" the Public Works Department provides citizens with outreach material from San Mateo County Environmental Health.

C.7.b.iii.1 ▶Pre-Campaign Survey

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

Information on the pre-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the FY 11-12 Annual Report.

	Survey report attached
X	Reference to regional submittal:

C.7.b.iii.2 ▶Post-Campaign Survey

(For the Annual Report following the post-campaign survey) Discuss the campaigns and the measureable changes in awareness and behavior achieved. Provide an update of outreach strategies based on the survey results. If survey was done regionally, refer to a regional submittal that contains the following information:

Information on the post-campaign survey for the BASMAA Regional Youth Litter Campaign was provided in the BASMAA FY 13-14 Annual Report.

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

	Survey report attached
X	Reference to regional submittal:

C.7.c ▶Media Relations

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

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

Summary:

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 13-14:

• BASMAA Media Relations Final Report FY 13-14

This report and any other media relations efforts conducted countywide is included within the C.7 Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report.

C.7.d ▶Stormwater Point of Contact

Summary of any changes made during FY 13-14:

No Change from FY12-13 report.

C.7.e ▶Public Outreach Events

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

Event Details	**Description** (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted
Brisbane Coastal Cleanup Day (Lagoon Cleanup) – September 21, 2013	**Stormwater awareness and clean up**	**Participation in Brisbane's Coastal Cleanup Day was limited to 10 people this year due to heavy rains on the day of the event. One dumpster of trash was collected.**
San Mateo County Fair June 6-7, 2014 (see Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report for details)	**County Fair; stormwater awareness, lead and oil, toxic disposal**	**Approximately 1,200 people came through the booth. The City posted flyers at several businesses in town and on our sign board to encourage residents to attend the fair and visit the SMCWPPP booth.**
Habitat Restoration Day – April 26, 2014	**Stormwater awareness and clean up. Drought tolerant and native plant educational event**	**Approximately 28-30 people volunteered and filled one debris box (14 cubic yards) with green waste and trash. Educational materials were distributed about drought tolerant native plans.**
Brisbane Day in the Park – October 5, 2013	**Community Festival**	**Educational materials were distributed about drought tolerant native plants, water conservation and efficiency including tips**

		for saving water both indoors and outdoors and hazmat disposal & storm drain awareness.
Quarry Road Cleanup – June 21, 2014	**Litter cleanup on a popular walking trail.**	**Approximately 29-32 people volunteered and filled one dumpster with trash**

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:

A summary of efforts conducted by SMCWPPP to work with Watershed Stewardship Groups on a countywide level is included within the Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report

C.7.g. ▶Citizen Involvement Events

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

Event Details	Description	Evaluation of effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: • 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

Cypress Lane "Vee Creek" – Restoration ongoing	**The city has partnered with San Bruno Mountain Watch (SBMW) for approximately 7 years on a project that restores native habitat in an earthen vee ditch where previous maintenance activities included only annual weed whacking. SBMW has approximately 6 volunteers who work twice a week on this 400 foot stretch of ditch.**	**Various species of flora and fauna native to the local area have been successfully planted and are thriving. Subjective observations reveal that the living habitat in the vee creek results in a higher quality of water reaching the piped portion of the city's storm drain system prior to its direct discharge to the San Francisco Bay.**
Brisbane Coastal Cleanup Day (Lagoon Cleanup) – September 21, 2013	**Stormwater awareness and clean up**	**Participation in Brisbane's Coastal Cleanup Day was limited to 10 people this year due to heavy rains on the day of the event. One dumpster of trash was collected.**

C.7.h. ▶School-Age Children Outreach

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

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
Terra Nova High School Grades 9- 12	**"Water Pollution Prevention: Problems and Solutions"**	**153 students from 3 classes. Ms. Jane Gerughty**	**N/A**
Refer to the C.7 Section of SMCWPPP's FY 13-14 Annual Report for a description of School-age Children Outreach	**N/A**	**N/A**	**N/A**

efforts conducted at the countywide level.			

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 13-14, we contributed through SMCWPPP to the BASMAA Regional Monitoring Coalition (RMC). In addition, we contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. Monitoring efforts and results are documented in a separate report submitted March 15 of each year, as required in Provision C.8. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see SMCWPPP's March 2014 Integrated Monitoring Report, Part A.

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 Used[57]

Pesticide Category and Specific Pesticide Used	Amount[58]				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	0	0	0	0	0
Product or Pesticide Type A	N/A	N/A	N/A	N/A	N/A
Product or Pesticide Type B	N/A	N/A	N/A	N/A	N/A
Pyrethroids	0	0	0	0	0
Product or Pesticide Type X	N/A	N/A	N/A	N/A	N/A
Product or Pesticide Type Y	N/A	N/A	N/A	N/A	N/A
Carbaryl	0	0	0	0	0
Fipronil	0	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.	0
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	4
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100%

[57] Includes all municipal structural and landscape pesticide usage by employees and contractors.

[58] 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?	X	Yes		No

If yes, attach one of the following:

	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR
X	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR
	Equivalent documentation.

The City of Brisbane verifies IPM contractor performance by hiring professionals that certify they are properly trained and use IPM.

The City contracts with Pestec, which as a company is certified through both Green Shield and EcoWise, and the applicator, Luis Agurto Jr. is an EcoWise certified IPM practitioner. The City also contracts with Marina Pest Control, which is not certified as a company, but the technician performing the applications for the City, Armando Silva, is an EcoWise certified practitioner. See attached documentation for Pestec and EcoWise (see Appendix, Attachment 9-1 C.9.d(1) Contractors IPM Certifications).

City staff routinely inspects/observes applicators to ensure they are complying with our IPM policy.

EcoWise Certified professionals must pass a rigorous exam and field audit to demonstrate expertise in prevention-based pest control practices. EcoWise requires that certified practitioners perform or oversee work at the customer account.

Pestec was recognized as an IPM Innovator by the Department of Pesticide Regulation in 2008.

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 13-14, we participated in regulatory processes related to pesticides through SMCWPPP, BASMAA and CASQA. For additional information, see the regional 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?		Yes	X	No

N/A

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of the SMCWPPP FY 13-14 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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

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

Summary:

See the C.9 Pesticides Toxicity Control section the SMCWPPP FY 13-14 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

Section 10 - Provision C.10 Trash Load Reduction

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

Provide the following:

1) Descriptions of actions/tasks completed towards achieving the Minimum Full Trash Capture requirement in provision C.10.a.iii. Include the:
   - Total number and types of full capture devices (publicly and privately-owned) installed to-date;
   - Total land area (acres) and land areas within each trash generation category (i.e., very high, high, moderate and low) treated by full capture devices (or other types of devices for non-population based Permittees), in comparison to the MRP-required full capture requirements in Attachment J to the MRP; and,
   - Percentage of jurisdictional land areas with very high, high, moderate and low trash generation rates treated by full capture devices.
2) A narrative summary of maintenance activities implemented for each device, group of devices, or device type, including descriptions of typical maintenance frequencies and issues associated with maintaining these devices.

Descriptions of Actions/Tasks (Conducted or Planned):

Total Number of Devices Installed	Connector Pipe Screens or Filters	Netting Devices	HDS Units	Gross Solid Removal Devices	LID Facilities	Other	TOTAL
	50	0	0	0	1	0	51

Full Capture Treatment Area	Low	Moderate	High	Very High	TOTAL	Minimum Treatment Area Required (per MRP Att. J)
Acres (All TMAs)	174	39	33	3	249	5
% (All TMAs)	15%	9%	54%	38%	14%	

The City presently has FCTDs installed in TMAs 1, 4, 7, 9, 11 and 12. Utilizing funding from the franchise fee increase in the new solid waste franchise agreements (discussed in detail in C.10.d Part B), over a 5-year period the city will install approximately 100 more FCTDs in TMAs 3, 4, 6 and 10. The same fee increase will also provide a stable, long-term revenue source for the ongoing maintenance of the FCTDs.

Of our 12 TMAs, the only two that will not have FCTDs are 2 (where all of the surface flow is diverted to City and County of San Francisco's combined sewer system) and 12 (which is a roadway without any storm drain inlets). Because the conditions in TMA 2 predate the MRP, we are not claiming credit for what is effectively full trash capture.

Note: all FCTDs installed and scheduled to be installed in Brisbane are publicly owned devices. The one LID reported is privately owned.

Descriptions of Maintenance Activities:

The City inspects and cleans its FCTDs twice yearly, once in the fall (September) and once in the spring (March). The devices are all inspected after every significant rain/wind event. Since their installation, we have had no issues with maintenance, flooding, or vandalism.

In FY 13-14, the City also participated in the initial development of a Model Trash Full Capture Device Operation and Maintenance (O&M) Verification Program initiated by SMCWPPP. The model program is intended to provide Permittees with a template for documenting O&M procedures, including inspection and maintenance frequencies. Over the course of the next year, the City plans to further document the city-specific O&M verification program by tailoring the Model Program developed by SMCWPPP to incorporate city-specific characteristics/processes. Additional details on the City's O&M verification program will be included in our FY 14-15 Annual Report.

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

Provide the volume of material removed during each MRP-required Trash Hot Spot cleanup during each fiscal year, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources in FY 2013-14 to the extent possible.

Trash Hot Spot	FY 13-14 Cleanup Date	Volume of Trash Removed (cubic yards)				Dominant Type(s) of Trash in FY 2013-14	Trash Sources in FY 2013-14 (where possible)
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14		
(Trash Hot Spot ID BRI01) Bayshore Creek, north of Main St. and west of Bayshore Blvd	3/18/14	**0.2**	**0.3**	**0.02**	**0.03**	**Plastic Bags, Bottles (plastic or glass), Styrofoam,**	**Litter, Illegal dumping, Other**

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

Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), trash generation maps, control measures, or time schedules identified in your plan.

Description of Significant Revision(s)	Associated TMA
The only change presently envisioned is that rather than transfer the responsibility for scheduled emptying of public trash receptacles to the solid waste franchisee, the city has agreed to impose a 2% franchise fee to provide the additional funding needed for the city to maintain and appropriately deal with this responsibility.	**1, 6, 7, 10, 11, 12**

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced

Single-use Plastic Bag Ordinance or Policy	On March 18, 2013, the Brisbane City Council adopted a reusable bag ordinance (No. 580 adding Chapter 8.17 to the Brisbane Municipal Code) banning retail establishments from distributing single-use carry-out bags (with only limited exceptions). The ban was developed through close cooperation with San Mateo County Environmental Health, who is also authorized to act as the Enforcement Officer within the city. Due to an extensive outreach with retail businesses, there were no objections expressed by Brisbane businesses during public hearings on this ordinance. Although challenging to quantify, subjective evaluations of on-land trash generation reveals a significantly noticeable reduction in the presence of single-use plastic bags. Staff believes that the "measure of success" identified in the report to Council, "An apparent reduction of single-use bag trash within the city, its waterways, and the surrounding bay and environment", has been achieved. This measure targets pedestrian litter, vehicles and inadequate container management trash sources. Please refer to Section C.7.e of this report for detailed information on public outreach during this reporting period.	On behalf of all SMCWPPP Permittees, the County of San Mateo conducted assessments evaluating the effectiveness of the single use plastic bag ban in municipalities within San Mateo County. Assessments conducted by the County included audits of businesses and surveys of customer bag usage at many businesses in San Mateo County. Additionally, the number of complaints by customers was also tracked by the County. The results of assessments conducted by these cities are assumed to be representative of all SMCWPPP Permittees, given the consistency between the scope, implementation, and enforcement of the ordinances among the municipalities. The City developed its % trash reduced estimate using the following assumptions: 1.) Single use plastic bags comprise 8% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA; 2) 95% of single use plastic bags distributed in the City are affected by the implementation of the ordinance, based on the County of San Mateo's Environmental Impact Report; and 3) Of the bags affected by the ordinance, there are now 90% less bags being distributed, based on customer complaints received by the County of San Mateo's Department of Environmental Health Services. This is conservative estimate given that in FY 13-14 Environmental Services only received complaints about 4, of the over 1900 businesses in San Mateo County that are affected by the single-use plastic bag ordinances.	Results of assessments conducted by the County of San Mateo on behalf of all municipalities in San Mateo County indicate that the City's ordinance is effective in reducing the number of single use plastic bags in stormwater discharges. This preliminary conclusion is based on the very small number of complaints received from customers about businesses in San Mateo County that are continuing to use single use plastic bags after ordinances were adopted. Assuming single use bags are 8% of the trash observed in stormwater discharges, the City concludes that there has been a 7% (i.e., 8% x 86% effectiveness in reducing bags) reduction in trash in stormwater discharges as a result of the City's ordinance.	A 7% reduction in the trash from stormwater discharges as a result of ordinance implementation has been assumed.

C.10.d ▶ PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

Expanded Polystyrene Food Service Ware Ordinance or Policy	Development of a ban has been forwarded by the City Council to the Open Space and Ecology Committee for development of a citywide ordinance.	**N/A**	**N/A**	

C.10.d ▶ PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

Public Education and Outreach Programs Targeted at Trash Reduction and Implemented post-MRP Adoption	City staff believes that one of the most critical components of reaching long-term trash reduction goals is to inform the public by raising awareness of the issue, and changing behaviors. As a small city with limited staff, Brisbane leverages the county and regional-wide programs provided by the SMCWPPP's Public Information and Participation Program, and the BASMAA Regional Media Relations Project. While it will be important to continue to engage adults, staff believes that engaging youth, much like the health programs directed to end tobacco use, will ultimately result in the greatest changes, as children provide pressure to their parents to change their patterns of trash disposal. On behalf of the City SMCWPPP and BASMAA also implemented public education and outreach actions at the countywide and regional scales that were targeted at reducing the impacts of trash on local water bodies. For descriptions of these activities, please see Section 7 of the Program's Annual Report. This measure will target all trash sources & types.	BASMAA conducted post-campaign surveys in FY 13-14 to assess the effectiveness and impacts of their youth anti-litter campaign "Be the Street". The methods used by BASMAA are described in Appendix 16 of the Program's Annual Report.	Reductions (i.e., trends) in the levels of trash in stormwater discharges that occur as a result of the implementation of Public Education and Outreach campaigns and programs are very difficult to measure. Both the inherent spatial and temporal variability in trash generation and the timeframes by which behavior change occurs as a result of education and outreach largely governs our ability to link this control measure to water quality outcomes. That said, changing littering behaviors is paramount to the long-term success of trash management programs. As described in Section 7 of the Program's Annual Report, the City has spent significant resources on local, county-wide, and public education and outreach programs that are slowly reducing the generation of trash at its source. Based on the results of assessments conducted by BASMAA in FY 13-14 to assess the effectiveness and impacts of their youth litter campaign "Be the Street" (see Program's Section 7), a modest conservative load reduction associated with public education and outreach programs is assumed.	A 1% reduction in the trash as a result of public education and outreach program implementation is assumed.

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)

Complete the following trash control measure implementation and assessment summary for <u>each</u> primary trash management area (TMA) identified in your Long-term Plan. Include the following information:

- Identify the total jurisdictional area and the % of that area that generates very high (VH), high (H), moderate (M), or low (L) levels of trash;
- Identify the dominant trash source(s) and dominant type(s) of trash addressed or to-be addressed in the TMA;
- Include the area currently treated by full capture devices, the quantity and type of devices installed to-date, and the % of jurisdictional area that generates very high (VH), high (H), moderate (M), and low (L) levels of trash after accounting for reductions via full capture devices;
- Summarize control measures other than full capture devices implemented to-date, distinguishing between implementation that began pre- and post-MRP effective date. If not implemented in the entire TMA, describe generation category targeted and % of TMA addressed;
- Provide the % of the jurisdictional area that generates very VH, H, M or L levels of trash after accounting for all control measures implemented to-date;
- Describe the methods used to evaluate the effectiveness of control measures other than full capture devices, and any assessment results to-date. If the method was not implemented in the entire TMA, describe generation category targeted and %of TMA addressed; and
- Provide an estimate of the % of trash reduced in the TMA and jurisdiction-wide.

The City's Long-Term Trash Load Reduction Plan and Assessment Strategy dated January 28, 2014 describes in detail our pre, during, and post MRP actions intended to achieve "full" trash reduction. <u>The summary description of planned measures (other than FCTDs) is listed by TMA on the following pages. A more detailed description of each of these measures is provided here for the reader's convenience.</u>

In general, the challenge with addressing trash has been a lack of resources. To resolve this issue, an interdepartmental team has been working on this issue. Subsequently, the city has been divided into three franchise zones for solid waste collection, and we are completing negotiations with two franchisees for these services. Originally scheduled for completion by the beginning of the FY, we now anticipate finalizing these negotiations in fall 2014.

The planned measure, and how the new franchise agreements will assist in their attainment is as follows:

<u>Street Sweeping</u> - The new franchise fee is scheduled to be increased by 12%. Nearly one half of that increase will be directed to funds for our outside street sweeping contractor (presently, the city of South San Francisco) to increase our sweeping from a monthly

residential and bi-monthly commercial schedule to weekly for every city street. This effort requires increasing the funds directed to street sweeping by a factor of 5. This measure is expected to be implemented in fall 2014.

Container Management - The new franchise agreements include the following language: No later than 90 days after the effective date of this Agreement, franchisee shall develop a Trash Container Management Policy, which will be submitted to the City's Director of Public Works/City Engineer for review and approval. Said policy shall contain procedures for notification to the owner or user of trash containers when such containers are filled beyond their maximum closed-lid capacity, and after first-time warnings and provision of outreach material on alternatives to overfilling containers, may include charging an additional fee for the collection and disposal of solid waste from containers that are filled beyond maximum capacity and require franchisee to manually mitigate ensuing safety or litter issues.

This measure is expected to be implemented in fall 2015.

On-land cleanup - The new franchise agreements include the following language:

> Franchisee shall provide abandoned waste cleanup collection service within one (1) business day of being notified by City or customer or franchisee's drivers of the occurrence of abandoned waste or illegal dumping, at the levels currently provided by franchisee, at no additional cost to City. This service shall require franchisee to collect all abandoned or illegally dumped solid waste, recyclable materials, and organic materials. The volumes of abandoned waste so collected shall be provided annually to the Director of Public Works.
>
> Upon request of City, abandoned waste cleanup collection service may include collection of litter and litter abatement activities along the frontage of City owned properties in Zone 1 and 2; provided, however, that Scavenger Company shall provide monthly manual cleanup of litter along the frontage of the following City-owned properties four (4) times per calendar month:
>
> Zone 1- Bayshore Boulevard
> Zone 1- Sierra Point Parkway
> Zone 1-Main Street

This measure was implemented during the MRP, is being formalized in the new franchise agreements, and will continue.

Public trash receptacles - 2% of the new franchise agreement's franchise fee is directed to regular maintenance of all public receptacles in the city. This is a new source of revenue to allow for enhanced maintenance, and will be implemented in fall 2015.

In addition to resource acquisition via new trash franchises and subsequent enhanced trash load reductions from that revenue, the city has also implemented:

Anti-littering and Illegal Dumping Deterrence Activities (activities implemented post-MRP date)

In an effort to prevent on-land trash from reaching the roadway in the first place, the Brisbane Police Department opened Problem Oriented Policing (P.O.P.) project #13-01 in July 2013 with the focused goal of enforcing the California Vehicle Code and Brisbane Municipal Code prohibitions on unsecured truck loads. Based on the lack of citations against trucks, the next P.O.P. to be scheduled will focus on littering from passenger vehicles.

Tunnel Avenue is an isolated, unlit roadway in the City of Brisbane that was the location for a moderately significant quantity of illegal dumping. With only 2-3 uniformed police officers on duty at any given time, manned surveillance was not an option. Working once again with our trash franchisee, the city placed two 14 cubic yard dumpsters outside its corporation yard main gate (which coincidentally is the southern end of Tunnel Avenue). During normal work hours, there are signs indicating, "No Dumping". These signs are removed at night, and while the use of the bins is not "encouraged" through any public advertisement, the city "turns a blind eye" to any dumping that occurs during off-work and nighttime/weekend periods. This somewhat passive approach has reduced illegal dumping on Tunnel Avenue to a fraction of its previous quantities, and has resulted in the collection of 122.89 tons (81 debris boxes) during calendar year 2013.

14 cubic yard dumpsters outside City Corporation yard on Tunnel Avenue

As shown in the following photo, the city has used concrete "k-rail" to prevent illegal dumping along dark, isolated stretches of roadway. The city has also installed surveillance cameras along a high priority area on Guadalupe Canyon Parkway, where physically prohibiting entry to the dumping hot spots was not feasible.

Access to former illegal dumping area restricted by k-rail

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
1	17	The dominant sources of trash in this TMA is vehicles (note that Caltrans 2011 Traffic volume Report for the State Highway System revealed 198,000 average annual daily trips measured on US 101 adjacent to the Candlestick Park offramp) and illegal dumping.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam Construction debris, household garbage, tires, green waste and Hazmat	**Baseline Generation (Pre-MRP)**	17%	83%	0%	0%

Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)					
Total Area (Acres)	11	Eleven (11) connector pipe screens	**After taking into account Full Capture Devices**	17%	20%	0%	62%
% of TMA	62%						
% of VH/H/M	62%						

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

- Current Measures – on-land trash clean ups, illegal dumping enforcement, semi-monthly street sweeping
- Planned Measures believed to result in "full" trash reduction – close coordination with Caltrans (including expected requirements imposed by RWQCB), increased revenue from solid waste franchise to support appropriate maintenance of public trash receptacles, on-call dumping pickup, weekly street sweeping

Assessment Methods for Control Measures Other than Full Capture Devices

As part of the City's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in Feb 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.

			After taking into account all New or Enhanced (post-MRP) Control Measures	17%	20%	0%	62%

Summary of Assessment Results To-date

On-land visual assessments were not conducted in this TMA in FY 13-14 and therefore no load reductions associated control measures other than full capture devices are assumed to have occurred. Assessments may be conducted in subsequent years.

Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	44%
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	6%

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types
2	0	The dominant sources of trash in this TMA are vehicles, inadequate container management, and illegal dumping.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam

Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)
Total Area (Acres)	0	N/A
% of TMA	0%	
% of VH/H/M	0%	

	% TMA in Each Trash Generation Category			
	VH	H	M	L
Baseline Generation (Pre-MRP)	0%	0%	0%	100%
After taking into account Full Capture Devices	0%	0%	0%	100%
After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	0%	100%

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

- Current Measures – semi-monthly street sweeping, code enforcement of trash bins
- Planned Measures believed to result in "full" trash reduction – weekly street sweeping, solid waste franchise required weekly on-land cleanups, container management (and citations) transferred to franchisee

NOTE: 100% of this TMA drains to the City & County of San Francisco's combined sewer system.

Assessment Methods for Control Measures Other than Full Capture Devices

As part of the City's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in Feb 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.

Summary of Assessment Results To-date

On-land visual assessments were not conducted in this TMA in FY 13-14 and therefore no load reductions associated control measures other than full capture devices are assumed to have occurred. Assessments may be conducted in subsequent years.

Estimated % Trash Reduction <u>In TMA</u> due to New or Enhanced Post-MRP actions	0%
Estimated % Trash Reduction <u>Jurisdiction-wide</u> due to New or Enhanced Post-MRP actions	0%

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
3	28	The dominant source of trash in this TMA is vehicles, inadequate container management, and illegal dumping.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam Construction debris, household garbage, tires, green waste and Hazmat	**Baseline Generation (Pre-MRP)**	8%	9%	84%	0%
Trash Full Capture Devices		**Summary Descriptions of Full Trash Capture Devices (Quantity and Type)**						
Total Area (Acres)	1	Three (3) connector pipe screens		**After taking into account Full Capture Devices**	8%	9%	80%	4%
% of TMA	4%							
% of VH/H/M	4%							

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

- Current Measures – semi-monthly street sweeping, reactive on-land trash clean up
- Planned Measures believed to result in "full" trash reduction – weekly street sweeping, monthly on-land clean ups, container management (and citations) transferred to solid waste franchisee

Assessment Methods for Control Measures Other than Full Capture Devices

As part of the City's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in Feb 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.

Summary of Assessment Results To-date				**After taking into account all New or Enhanced (post-MRP) Control Measures**	0%	11%	85%	4%

In Summer 2014, a total of 1 site or 1,000 linear feet of streets and sidewalks in this TMA (i.e., 30% of streets/sidewalks with M, H or VH generation rates) were assessed using the on-land visual assessment protocol. Based on the results of these assessments, the area in this TMA where control measures other than full capture devices are implemented was determined have 0% low, 71% moderate, 29% high and 0% very high levels of trash. The results to the right include not only the reduction observed via on-land assessments, but also via full capture devices (as applicable).

Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	41%
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	3%

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
4	35	The dominant source of trash in this TMA is vehicles.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam Construction debris, household garbage, tires, green waste and Hazmat	**Baseline Generation (Pre-MRP)**	9%	90%	0%	0%

Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)					
Total Area (Acres)	25	Eight (8) connector pipe screens	**After taking into account Full Capture Devices**	0%	28%	0%	71%
% of TMA	71%						
% of VH/H/M	71%						

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

- Current Measures – semi-monthly street sweeping, monthly on-land trash clean up
- Planned Measures believed to result in "full" trash reduction – weekly street sweeping, continued monthly on-land trash clean up, anti-litter enforcement by police

Assessment Methods for Control Measures Other than Full Capture Devices

As part of the City's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in Feb 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.

Summary of Assessment Results To-date						
In July 2014, a total of 1 site or 1,000 linear feet (23%) of streets and sidewalks were assessed in this TMA using the on-land visual assessments. Only areas with M, H or VH generation rates were assessed. Based on the results of these assessments, the area in this TMA where control measures other than full capture devices are implemented was determined have a 0% low, 90% moderate,	**After taking into account all New or Enhanced (post-MRP) Control Measures**	0%	3%	26%	71%

10% high, and 0% very high levels of trash. The results to the right include not only the reduction observed via on-land assessments, but also via full capture devices (as applicable).

Estimated % Trash Reduction In TMA due to New or Enhanced Post-MRP actions	92%
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	20%

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
5	8	The dominant sources of trash in this TMA are illegal dumping and vehicles.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam Construction debris, household garbage, tires, green waste and Hazmat	**Baseline Generation (Pre-MRP)**	0%	100%	0%	0%
				After taking into account Full Capture Devices	0%	100%	0%	0%

Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)
Total Area (Acres)	0	N/A
% of TMA	0%	
% of VH/H/M	0%	

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

- Current Measures – reactive on-land cleanup, illegal dumping enforcement, semi-monthly street sweeping
- Planned Measures believed to result in "full" trash reduction – monthly on-land clean up by solid waste franchisee, weekly street sweeping, anti-litter enforcement by police

Assessment Methods for Control Measures Other than Full Capture Devices

As part of the City's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in Feb 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.

After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	0%	100%

Summary of Assessment Results To-date

In Summer 2014, a total of 1 site or 1,000 linear feet of streets and sidewalks in this TMA (i.e., 30% of streets/sidewalks with M, H or VH generation rates) were assessed using the on-land visual assessment protocol. Based on the results of these assessments, the area in this TMA where control measures other than full capture devices are implemented was determined have 0% low, 71%

moderate, 29% high and 0% very high levels of trash. The results to the right include not only the reduction observed via on-land assessments, but also via full capture devices (as applicable).

Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	100%
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	4%

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types
6	257	The dominant sources of trash in this TMA is vehicles, inadequate container management and illegal dumping.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam Construction debris, household garbage, tires, green waste and Hazmat

Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)
Total Area (Acres)	18	Six (6) connector pipe screens
% of TMA	7%	
% of VH/H/M	7%	

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

- Current Measures –reactive on-land clean up, semi-monthly street sweeping
- Planned Measures believed to result in "full" trash reduction – container management (and citations) transferred to solid waste franchisee, continued reactive on-land clean ups, weekly street sweeping

Assessment Methods for Control Measures Other than Full Capture Devices

As part of the City's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in Feb 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.

Summary of Assessment Results To-date

On-land visual assessments were not conducted in this TMA in FY 13-14 and therefore no load reductions associated control measures other than full capture devices are assumed to have occurred. Assessments may be conducted in subsequent years.

	% TMA in Each Trash Generation Category			
	VH	H	M	L
Baseline Generation (Pre-MRP)	0%	1%	99%	0%
After taking into account Full Capture Devices	0%	1%	92%	7%
After taking into account all New or Enhanced (post-MRP) Control Measures	0%	1%	92%	7%

Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	7%
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	2%

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
7	104	The dominant sources of trash in this TMA are pedestrian litter and vehicles.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam Construction debris, household garbage, tires, green waste and Hazmat	Baseline Generation (Pre-MRP)	0%	0%	62%	38%
				After taking into account Full Capture Devices	0%	0%	52%	48%
				After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	52%	48%

Trash Full Capture Devices

Total Area (Acres)	23
% of TMA	22%
% of VH/H/M	16%

Summary Descriptions of Full Trash Capture Devices (Quantity and Type)

Ten (10) connector pipe screens

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

- Current Measures – semi-monthly street sweeping
- Planned Measures believed to result in "full" trash reduction – weekly street sweeping, anti-litter enforcement by police, increased revenue from solid waste franchise to support appropriate maintenance of public trash receptacles.

Assessment Methods for Control Measures Other than Full Capture Devices

As part of the City's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in Feb 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.

Summary of Assessment Results To-date

On-land visual assessments were not conducted in this TMA in FY 13-14 and therefore no load reductions associated control measures other than full capture devices are assumed to have occurred. Assessments may be conducted in subsequent years.

Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	16%
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	1%

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
8	47	The dominant sources of trash in this TMA is container management and illegal dumping.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam	**Baseline Generation (Pre-MRP)**	0%	0%	98%	2%
Trash Full Capture Devices		**Summary Descriptions of Full Trash Capture Devices (Quantity and Type)**						
Total Area (Acres)	3	Three (3) connector pipe screens		**After taking into account Full Capture Devices**	0%	0%	91%	9%
% of TMA	7%							
% of VH/H/M	7%							

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

- Current Measures – code enforcement management, illegal dumping enforcement
- Planned Measures believed to result in "full" trash reduction – increased revenue from solid waste franchise to support appropriate maintenance of public trash receptacles, container management

Assessment Methods for Control Measures Other than Full Capture Devices

As part of the City's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in Feb 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.

After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	91%	9%
---	---	---	---	---

Summary of Assessment Results To-date

On-land visual assessments were not conducted in this TMA in FY 13-14 and therefore no load reductions associated control measures other than full capture devices are assumed to have occurred. Assessments may be conducted in subsequent years.

Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	7%
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	0%

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types
9	23	The dominant source of trash in this TMA is container management.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam

Trash Full Capture Devices	
Total Area (Acres)	2
% of TMA	11%
% of VH/H/M	12%

Summary Descriptions of Full Trash Capture Devices (Quantity and Type)

Three (3) connector pipe screens

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

- Current Measures – code enforcement management, semi-monthly street sweeping
- Planned Measures believed to result in "full" trash reduction – container management (and citations) transferred to solid waste franchisee, weekly street sweeping

Assessment Methods for Control Measures Other than Full Capture Devices

As part of the City's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in Feb 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.

Summary of Assessment Results To-date

On-land visual assessments were not conducted in this TMA in FY 13-14 and therefore no load reductions associated control measures other than full capture devices are assumed to have occurred. Assessments may be conducted in subsequent years.

	% TMA in Each Trash Generation Category			
	VH	H	M	L
Baseline Generation (Pre-MRP)	0%	0%	93%	7%
After taking into account Full Capture Devices	0%	0%	83%	17%
After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	83%	17%

Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	12%
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	0%

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
10	15	The dominant source of trash in this TMA is pedestrian litter.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam	**Baseline Generation (Pre-MRP)**	0%	2%	98%	0%
Trash Full Capture Devices		**Summary Descriptions of Full Trash Capture Devices (Quantity and Type)**		**After taking into account Full Capture Devices**	0%	2%	89%	9%
Total Area (Acres)	1	Three (3) connector pipe screens						
% of TMA	9%							
% of VH/H/M	9%							

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

- Current Measures – PCTD, semi-monthly street sweeping
- Planned Measures believed to result in "full" trash reduction –weekly street sweeping

Assessment Methods for Control Measures Other than Full Capture Devices

As part of the City's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in Feb 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.

Summary of Assessment Results To-date

On-land visual assessments were not conducted in this TMA in FY 13-14 and therefore no load reductions associated control measures other than full capture devices are assumed to have occurred. Assessments may be conducted in subsequent years.

After taking into account all New or Enhanced (post-MRP) Control Measures	0%	2%	89%	9%

Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	8%
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	0%

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
11	4	The dominant source of trash in this TMA is pedestrian litter.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam	**Baseline Generation (Pre-MRP)**	0%	0%	100%	0%
Trash Full Capture Devices		**Summary Descriptions of Full Trash Capture Devices (Quantity and Type)**						
Total Area (Acres)	1	The FCTDs treating this area are physically located in TMA 12.		**After taking into account Full Capture Devices**	0%	0%	61%	39%
% of TMA	39%							
% of VH/H/M	39%							

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

- Current Measures –on-land trash clean up
- Planned Measures believed to result in "full" trash reduction – continuation of the successful staff-led, volunteer clean up in these three natural canyons within the older residential area of the city

Assessment Methods for Control Measures Other than Full Capture Devices

As part of the City's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in Feb 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.

Summary of Assessment Results To-date

On-land visual assessments were not conducted in this TMA in FY 13-14 and therefore no load reductions associated control measures other than full capture devices are assumed to have occurred. Assessments may be conducted in subsequent years.

After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	61%	39%

Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	39%
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	0%

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
12	1155	The dominant sources of trash in this TMA are pedestrian litter and container management.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam Construction debris, household garbage, tires, green waste and Hazmat	**Baseline Generation (Pre-MRP)**	0%	0%	0%	100%
Trash Full Capture Devices		**Summary Descriptions of Full Trash Capture Devices (Quantity and Type)**						
Total Area (Acres)	162	Four (4) connector pipe screens		**After taking into account Full Capture Devices**	0%	0%	0%	100%
% of TMA	14%							
% of VH/H/M	67%							

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

- Current Measures – monthly street sweeping
- Planned Measures believed to result in "full" trash reduction – increase street sweeping to weekly (include selected enforcement, and use of specialized equipment), and container management (including citations for noncompliance)

Assessment Methods for Control Measures Other than Full Capture Devices

As part of the City's Long-Term Trash Reduction Plan, we worked collaboratively with other SMCWPPP Permittees to develop our Pilot Trash Assessment Strategy (Strategy), which was submitted to the Water Board in Feb 2014. For areas where control measures other than full capture devices have been implemented, visual on-land trash assessment is the method used to determine the current level of trash in a TMA. Assessments are conducted using a protocol developed by BASMAA member agencies. For each TMA assessed, sites are selected using a probabilistic sample draw to randomly pick sites in a TMA and allow for extrapolation of results within an applicable TMA. Additionally, trash assessment sites may also be targeted to specific streets and properties (these results are not extrapolated). Changes in the level of trash observed via on-land assessments, along with the associated trash generation rates are then used to calculate reductions in trash to-date. The results of the assessments conducted in FY 13-14 are presented below. Additional information on the Strategy, the results of initial assessments, and the method used to calculate % reductions can be found in the Program's FY 13-14 Annual Report.

				After taking into account all New or Enhanced (post-MRP) Control Measures	0%	0%	0%	100%

Summary of Assessment Results To-date

On-land visual assessments were not conducted in this TMA in FY 13-14 and therefore no load reductions associated control measures other than full capture devices are assumed to have occurred. Assessments may be conducted in subsequent years.

Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	33%
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	0%

C.10.d ► PART C – Estimated Overall Trash Load Reduction

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.d – Parts A and B and creek/shoreline cleanups not reported in C.10.b.iii. Provide a statement regarding the confidence in the estimate and challenges and/or successes in measuring progress towards the 40% trash reduction target described in provision C.10.

Discussion of Trash Reduction Estimate:

The preliminary trash load reduction estimates presented in this section provide the best available estimate of trash reduction from the City's municipal separate stormwater sewer system (MS4). These estimates were developed consistent with the trash reduction framework developed in collaboration with Water Board staff in 2013-14, and the Pilot SMCWPPP Trash Assessment Strategy submitted to the Water Board in February 2014. All estimates are based on available information collected by the City, should be considered preliminary at this time, and are subject to revision by Permittees based on additional information on the effectiveness of trash controls, the magnitude and extent of trash control measure implementation, and/or the levels of trash discharged from the City's MS4.

Trash reduction estimates were based on initial data collection efforts that began in FY 13-14 and utilize the verified levels of baseline trash generation in the City. Reductions associated with jurisdictional-wide trash control measures, trash full capture devices, other TMA-specific control measures, and trash cleanup events in local creeks and shorelines are included. Reductions associated with jurisdictional-wide actions are based on a combination of data collection and observations applicable to the City. Reductions associated with trash full capture devices assume that trash generated in areas treated by effectively maintained devices reduce trash to a level of "no adverse impacts" to local water bodies. For control measures other than full capture devices, all reductions estimates are based on empirical observations of current trash levels (i.e., on-land visual assessments) and associated reductions in applicable trash management areas. Reductions associated with creek and shoreline cleanups are based on the amount of trash removed via these cleanups in FY 13-14, in comparison to baseline trash generation in the City.

Estimated % Trash Reduction due to Jurisdictional-wide Actions	8%
Estimated % Trash Reduction due to Trash Full Capture Devices (All TMAs)	27%
Estimated % Trash Reduction due to Other Control Measures (All TMAs)	9%
SubTotal for Above Actions	**44%**
Estimated % Trash Reduction due to Creek/Shoreline Cleanups (All TMAs)	N/A
Total Estimated % Trash Reduction in FY 13-14	**44%**

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).

Please refer to SMCWPPP's FY 2013/14 Annual Report for details regarding countywide efforts to promote and facilitate collection and recycling of mercury containing devices and equipment at the consumer level through San Mateo County Health Department's Household Hazardous Waste (HHW) Program and Very Small Quantity Generator Business Collection (VSQG) Program.

Mercury-containing devices and equipment may be dropped off at Brisbane City Hall during regular working hours. These items are collected and recycled by Quick Light Recycling, who is under contract to the city for these services.

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 13-14 SMCWPPP Annual Report for an estimate of the mass of mercury collected through the San Mateo County Health Department's Household Hazardous Waste (HHW) Program and Very Small Quantity Generator Business Collection (VSQG) Program.

See Appendix, Attachment 11-1 C.11.A.ii "Certificate of Recycling" provided by contract firm conducting city's mercury-containing devices recycling.

Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps[59] (linear feet)	760	565 mg
CFLs[60] (each)	75	262 mg
Thermostats[61] (each)	0	N/A
Thermostats (lbs)	0	N/A
Thermometers (each)	0	N/A
Switches (lbs)	0	N/A
Total Mass of Mercury Collected During FY 2013-2014:		**827 mg**

[59] Only linear fluorescent lamps should be included

[60] Only compact fluorescent lamps should be included

[61] 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 SMCWPPP and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 13-14 Annual Report and March 2014 Integrated Monitoring Report, Parts B and C.

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:

Two city inspectors attended the April 17, 2014 Commercial/Industrial Stormwater Inspector Workshop which contained information on incorporating PCBs and PCBs-containing equipment into inspections. Information gained during that workshop has been incorporated into the inspections now conducted by city staff.

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 SMCWPPP and regional accomplishments for these sub-provisions are included within the C.12 PCBs Controls section of Program's FY 13-14 Annual Report and March 2014 Integrated Monitoring Report, Parts B and C.

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

- **Development of BMPs. The Countywide Program collaborated with BASMAA to develop BMPs to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post construction.**
- **Permitting Procedures to Require the BMPs: The Countywide Program updated its Stormwater Requirements Checklist to include the architectural copper BMPs in the list of source controls measures that may apply to projects. The City has included this checklist in both building permits and grading permits. Applicants are required to complete the checklist while completing the permit application.**
- **Educate Installers and Operators: The Countywide Program, in collaboration with the Santa Clara Valley Urban Runoff Pollution Prevention Program, prepared an educational flyer on the BMPs. Two City staff members were trained on the BMPs (by attending the construction site inspection training on April 23, 2014). Staff is distributing the flyer on "Requirements for Architectural Copper" to project applicants and/or contractors installing and/or maintaining architectural copper as part of the permit application handout for applicable projects. The flyer is also available to the public on the City's Building Department web page.**
- **Enforcement actions taken against noncompliance are detailed in our ERP; the selection of an appropriate enforcement action and the escalation of enforcement are based on the seriousness of the violation and the violator's response to the agency's previous attempts to achieve compliance. The ERP includes suggested amounts of time to allow for the correction of violations based on the goal stated in the MRP. This ERP describes a range of enforcement options available for use to encourage prompt correction of violations and the prevention of conditions that pose a threat to cause future violations. There are administrative and judicial (civil and criminal) remedies in the stormwater ordinance and other parts of the BMC that provide a range of discretionary options for responding appropriately to a given violation depending on the magnitude of the violation, the duration and history of non-compliance, the good faith efforts of the violator to achieve compliance, and whether the violation may interfere with the agency's compliance with the MRP.**

Two staff members attended the April 23, 2014 Construction Site Inspection Workshop.

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

No facilities were identified as potential users or sources of copper that resulted in the use of copper reduction BMPs.

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

Note: There are no reporting requirements in the FY 13-14 Annual Report for Section C.14.

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?	X	**Yes**		**No**

If **No**, skip to C.15.b.vi.(2):

If **Yes**, Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.

Comments:

Staff participated in the Regional Water Board's May 19, 2014 water distribution system general permit workshop.

The extensive datakeeping required under C.15.b.iii.(1) ►Planned Discharges of the Potable Water System continues to indicate that standardized BMPs successfully prevent any harm to the receiving waters of the State. <u>The requirement for this burdensome recordkeeping could be removed without any harm to water quality.</u>

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

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

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

Summary:

The City of Brisbane is a member of the Bay Area Water Supply and Conservation Association (BAWSCA) and participates in and promotes various water conservation programs, including high efficiency toilet and washing machine rebates, regional lawn replacement to drought tolerant landscape rebate program, water-efficient landscape education classes, Water Wise Gardening in the Bay Area Landscape Educational tool. The City continues to enforce its adopted indoor and outdoor water efficient landscape ordinances. Additional measures the City of Brisbane takes to promote conservation include:

- **Tiered residential, commercial, and landscape water rates.**

- **Aggressive water conservation practices for the public fields and facilities including the use of mulch, matched precipitation (MP) Rotators, and drip emitters.**
- **Discount car wash cards to residents to help prevent car wash pollution in the storm drain.**
- **Distributed educational materials about drought tolerant native plants at both the Annual Day in the Park and Habitat Restoration Day.**

The City of Brisbane responds to any reports of large volume landscape irrigation runoff and implements our Illicit Discharge Enforcement Response via the enforcement section of the Brisbane Municipal Code Chapter 8.40 "Water Waste".

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/2/2013	1005-1035	2500	2500	0.02	7.00	0.89	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/2/2013	1010-1035	2500	2500	0.00	7.00	0.88	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/2/2013	0900-0920	1500	1500	0.00	7.00	2.36	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/2/2013	1010-1040	2500	2500	0.01	7.20	1.32	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/2/2013	0935-0955	1500	1500	0.01	7.20	0.67	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/2/2013	1020-1050	2500	2500	0.00	7.20	1.35	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/2/2013	0800-1100	15000	15000	0.00	7.50	0.81	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/8/2013	0938-0949	1500	1500	0.00	6.80	1.56	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/8/2013	1121-1132	1100	1100	0.00	6.80	0.82	Dechlorination/Removed Debris or other Pollutants before flushing

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

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/8/2013	0959-1009	1000	1000	0.00	6.80	0.70	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/8/2013	0853-0906	1600	1600	0.00	7.00	3.20	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/8/2013	1042-1055	1400	1400	0.00	7.00	2.42	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/8/2013	0916-0926	1000	1000	0.00	7.00	2.42	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/8/2013	1020-1030	900	900	0.00	7.00	0.86	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/8/2013	1030-1050	1500	1500	0.02	7.50	0.82	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/8/2013	1110-1140	2000	2000	0.01	7.50	0.91	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/8/2013	1110-1140	2000	2000	0.01	7.50	1.23	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/8/2013	1110-1140	2000	2000	0.00	7.50	0.54	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/8/2013	0900-0920	1500	1500	0.00	7.50	1.06	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/15/2013	0940-1020	2500	2500	0.00	6.80	1.20	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/15/2013	0941-1011	1850	1850	0.00	6.80	1.17	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/15/2013	0940-1005	1300	1300	0.00	6.80	0.32	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/15/2013	1035-1047	1000	1000	0.00	6.80	1.83	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/15/2013	1143-1158	950	950	0.00	6.80	2.31	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/15/2013	1110-1121	750	750	0.00	6.80	2.33	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/15/2013	0915-0925	625	625	0.00	6.80	0.60	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/15/2013	0930-0940	1000	1000	0.02	7.00	2.77	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/15/2013	0910-0920	1000	1000	0.01	7.50	1.33	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/15/2013	1000-1010	1000	1000	0.00	7.50	1.39	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/15/2013	1030-1040	1000	1000	0.00	7.50	1.55	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/22/2013	0830-1115	13000	13000	0.00	6.80	0.80	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/22/2013	1015-1055	3500	3500	0.00	6.80	0.85	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/22/2013	1300-1330	2000	2000	0.01	7.00	2.49	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/22/2013	1300-1330	2000	2000	0.01	7.00	1.21	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/22/2013	1300-1330	2000	2000	0.00	7.50	1.13	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/22/2013	1000-1020	1500	1500	0.00	7.50	2.13	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/22/2013	1030-1050	1500	1500	0.00	7.50	0.67	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/29/2013	1330-1343	1400	1400	0.03	6.80	2.13	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/29/2013	0907-0921	1300	1300	0.02	6.80	2.11	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/29/2013	1001-1014	1400	1400	0.00	6.80	0.89	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/29/2013	0939-0951	1300	1300	0.00	6.80	1.52	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/29/2013	1407-1419	1200	1200	0.00	6.80	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/29/2013	1309-1321	1100	1100	0.00	6.80	2.09	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/29/2013	1350-1400	1000	1000	0.00	6.80	0.86	Dechlorination/Removed Debris or other Pollutants before flushing
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/29/2013	1000-1030	3000	3000	0.00	7.00	1.99	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/29/2013	1400-1430	2000	2000	0.00	7.00	1.81	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/29/2013	0900-0950	5000	5000	0.01	7.20	2.01	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/29/2013	1325-1345	1500	1500	0.00	7.20	1.09	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/29/2013	1400-1430	2000	2000	0.01	7.50	0.97	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/29/2013	1400-1430	2000	2000	0.00	7.50	0.63	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/29/2013	1300-1320	1500	1500	0.00	7.50	2.07	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/31/2013	1050-1410	20000	20000	0.00	6.80	1.09	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/31/2013	1105-1305	4500	4500	0.00	6.80	0.63	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/31/2013	1106-1306	4500	4500	0.00	6.80	0.34	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/31/2013	1107-1307	4500	4500	0.00	6.80	1.14	Dechlorination/Removed Debris or other Pollutants before flushing
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/31/2013	1118-1142	2400	2400	0.00	6.80	2.23	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/31/2013	1000-1040	3000	3000	0.00	7.50	1.17	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/31/2013	1300-1340	3000	3000	0.00	7.50	2.15	Dechlorination/Removed Debris or other Pollutants before flushing
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/1/2013	1130-1200	3800	3800	0.00	6.80	0.65	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/1/2013	1100-1140	2000	2000	0.00	6.80	2.85	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/1/2013	1100-1140	2000	2000	0.00	6.80	0.47	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/1/2013	1100-1140	2000	2000	0.00	6.80	1.97	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/1/2013	1000-1025	2600	2600	0.04	7.00	3.36	Dechlorination/Removed Debris or other Pollutants before flushing
Community Park	Walking On Water	Brisbane Lagoon/SF Bay	8/2/2013	2045-2105	4700	4700	0.03	6.60	44.40	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/5/2013	1044-1057	1400	1400	0.04	6.80	1.83	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/5/2013	0930-1030	3000	3000	0.01	6.80	3.02	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/5/2013	0905-1205	24500	24500	0.00	6.80	1.01	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/5/2013	0930-1030	3000	3000	0.00	6.80	2.07	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/5/2013	1021-1034	1300	1300	0.00	6.80	1.69	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/5/2013	1115-1128	1300	1300	0.00	6.80	1.09	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/5/2013	1137-1148	1100	1100	0.00	6.80	1.73	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/5/2013	1302-1315	1000	1000	0.00	6.80	2.33	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/5/2013	1330-1340	1000	1000	0.00	6.80	2.69	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/5/2013	0830-0930	3000	3000	0.01	7.00	3.76	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/5/2013	0930-1030	3000	3000	0.01	7.00	1.33	Dechlorination/Removed Debris or other Pollutants before flushing
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/5/2013	1300-1400	5000	5000	0.00	7.50	0.50	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/5/2013	0910-1010	3000	3000	0.00	7.50	2.98	Dechlorination/Removed Debris or other Pollutants before flushing
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/6/2013	0900-1030	7500	7500	0.04	7.00	1.76	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/6/2013	1030-1120	4500	4500	0.03	7.00	2.90	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Community Park	Walking On Water	Brisbane Lagoon/SF Bay	8/9/2013	2121-2140	4700	4700	0.04	6.90	44.00	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/12/2013	1300-1330	2000	2000	0.00	7.00	1.26	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/12/2013	1425-1455	2000	2000	0.00	7.00	1.35	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/12/2013	1000-1040	4000	4000	0.01	7.50	1.13	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/12/2013	0830-1030	10500	10500	0.00	7.50	2.86	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/12/2013	1340-1410	2000	2000	0.00	7.50	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/12/2013	1425-1455	2000	2000	0.00	7.50	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/12/2013	1425-1455	2000	2000	0.00	7.50	0.98	Dechlorination/Removed Debris or other Pollutants before flushing
Community Park	Walking On Water	Brisbane Lagoon/SF Bay	8/16/2013	2045-2130	4700	4700	0.03	8.00	35.00	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/19/2013	1110-1128	1900	1900	0.00	6.64	3.54	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(les)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/19/2013	1022-1037	1900	1900	0.00	7.10	4.46	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/19/2013	1113-1126	1300	1300	0.00	7.34	2.56	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/19/2013	1138-1151	1300	1300	0.00	7.34	4.64	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/19/2013	1025-1125	4000	4000	0.00	7.53	0.89	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/19/2013	1337-1356	2000	2000	0.00	7.56	2.34	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/19/2013	0900-0930	2000	2000	0.00	7.72	1.36	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/19/2013	1020-1120	4000	4000	0.01	7.89	1.52	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/19/2013	1045-1100	1800	1800	0.00	8.08	1.63	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/19/2013	1030-1130	4000	4000	0.01	8.14	1.97	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/19/2013	0935-1005	2000	2000	0.01	8.42	0.30	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/19/2013	0955-1015	2000	2000	0.00	8.43	0.96	Dechlorination/Removed Debris or other Pollutants before flushing
Community Park	Walking On Water	Brisbane Lagoon/SF Bay	8/23/2013	2045-2130	4700	4700	0.03	7.20	38.00	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/26/2013	1120-1131	1200	1200	0.00	6.84	2.07	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/26/2013	1055-1105	1000	1000	0.00	7.00	1.97	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/26/2013	1144-1155	1200	1200	0.00	7.24	0.99	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/26/2013	1355-1405	1000	1000	0.00	7.70	2.48	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/26/2013	1330-1345	900	900	0.00	8.46	2.27	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/27/2013	1400-1420	1500	1500	0.00	6.70	1.10	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/27/2013	1330-1350	1500	1500	0.00	7.58	0.87	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/28/2013	1050-1150	4000	4000	0.00	7.53	1.10	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/28/2013	1050-1150	4000	4000	0.00	7.92	0.98	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/28/2013	1050-1150	4000	4000	0.00	8.40	2.84	Dechlorination/Removed Debris or other Pollutants before flushing
Community Park	Walking On Water	Brisbane Lagoon/SF Bay	8/30/2013	2045-2130	4700	4700	0.02	7.10	30.00	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/3/2013	0845-0925	3200	3200	0.00	6.82	1.8	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/3/2013	0900-1100	15000	15000	0.00	7.02	7.5	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/3/2013	1048-1133	4600	4600	0.00	8.34	1.03	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/4/2013	1300-1345	6500	6500	0.00	7.55	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/4/2013	1300-1345	6500	6500	0.01	7.95	0.57	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/4/2013	1100-1130	5500	5500	0.01	8.05	2.07	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/4/2013	1000-1040	6000	6000	0.01	8.31	1.17	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/4/2013	1300-1345	6500	6500	0.00	8.38	0.98	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/4/2013	0900-0910	1000	1000	0.00	8.41	2.54	Dechlorination/Removed Debris or other Pollutants before flushing
306 Humboldt	Water Main Shutdown	Brisbane Lagoon/SF Bay	9/5/2013	1320-1500	11000	11000	0.00	7.85	4.8	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/9/2013	0905-1005	4000	4000	0.00	6.60	1.97	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/9/2013	0905-1005	4000	4000	0.00	7.34	0.44	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/9/2013	1100-1115	1000	1000	0.00	7.34	0.45	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/9/2013	0934-0957	2000	2000	0.00	7.41	0.83	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/9/2013	1020-1030	1000	1000	0.02	7.56	0.82	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/9/2013	1140-1150	1000	1000	0.00	7.65	0.94	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/9/2013	1045-1055	1000	1000	0.00	7.87	0.76	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/9/2013	1000-1010	1000	1000	0.00	7.93	2.01	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/9/2013	1210-1220	1000	1000	0.01	7.98	0.96	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/9/2013	0905-1005	4000	4000	0.04	8.05	0.80	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/9/2013	1110-1120	1000	1000	0.00	8.19	1.04	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/9/2013	0940-0950	1000	1000	0.01	8.45	1.76	Dechlorination/Removed Debris or other Pollutants before flushing
125 San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/12/2013	1425-1428	4000	4000	0.00	7.13	16.80	Dechlorination/Removed Debris or other Pollutants before flushing
60 Plumas	Fire Flow Test	Brisbane Lagoon/SF Bay	9/12/2013	1405-1408	4000	4000	0.00	7.49	12.70	Dechlorination/Removed Debris or other Pollutants before flushing
253 Kings	Fire Flow Test	Brisbane Lagoon/SF Bay	9/12/2013	1320-1323	3200	3200	0.00	7.50	7.90	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/16/2013	1045-1105	1500	1500	0.00	6.68	0.77	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/16/2013	0955-1055	4000	4000	0.00	7.01	1.31	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/16/2013	0955-1055	4000	4000	0.00	7.07	1.44	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/16/2013	1015-1035	1500	1500	0.00	7.10	1.17	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/16/2013	1130-1140	1000	1000	0.00	7.20	1.06	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/16/2013	1045-1055	1000	1000	0.00	7.80	1.06	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/16/2013	1020-1030	1000	1000	0.01	7.83	0.82	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/16/2013	1110-1120	1000	1000	0.00	7.87	1.83	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/16/2013	1352-1408	750	750	0.00	8.31	1.52	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/16/2013	0955-1055	4000	4000	0.00	8.41	2.82	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/16/2013	1300-1310	1000	1000	0.00	8.43	5.18	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/23/2013	0835-0935	4000	4000	0.00	6.76	0.74	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/23/2013	0835-0935	4000	4000	0.00	6.76	1.26	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/23/2013	0903-0918	1000	1000	0.01	6.88	1.59	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/23/2013	0815-1025	13000	13000	0.00	7.50	0.38	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/23/2013	0835-0935	4000	4000	0.00	7.76	0.63	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/23/2013	0845-0905	2000	2000	0.00	8.03	1.10	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/23/2013	1001-1016	1000	1000	0.00	8.23	1.10	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/30/2013	1058-1112	1500	1500	0.00	6.66	1.86	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/30/2013	1035-1050	1700	1700	0.00	6.76	4.08	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/30/2013	0840-0940	4000	4000	0.00	6.81	2.32	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/30/2013	1008-1028	2300	2300	0.00	7.06	2.07	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(les)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/30/2013	0840-0940	4000	4000	0.00	7.60	0.79	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/30/2013	0840-0940	4000	4000	0.00	7.81	1.13	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/30/2013	1258-1314	1700	1700	0.00	7.86	2.49	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/30/2013	1318-1332	1600	1600	0.00	8.20	4.88	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/30/2013	1124-1136	1200	1200	0.00	8.38	2.08	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/30/2013	1145-1200	1700	1700	0.01	8.48	1.99	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/1/2013	0840-0900	1700	1700	0.00	7.55	0.44	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/1/2013	1320-1345	1000	1000	0.00	7.98	0.66	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/7/2013	1035-1045	750	750	0.00	8.05	1.99	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/7/2013	1120-1220	4000	4000	0.01	8.15	1.15	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/7/2013	1120-1220	4000	4000	0.01	8.15	0.53	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/7/2013	1120-1220	4000	4000	0.01	8.15	0.96	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/7/2013	0845-0855	1000	1000	0.00	8.17	1.96	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/7/2013	1130-1140	800	800	0.00	8.17	1.70	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/7/2013	0905-0915	1000	1000	0.00	8.23	1.11	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/7/2013	1100-1115	1500	1500	0.00	8.36	11.40	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/7/2013	0935-0945	1000	1000	0.00	8.37	1.17	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/7/2013	1350-1405	1200	1200	0.00	8.45	0.82	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/7/2013	0955-1005	1000	1000	0.00	8.48	1.24	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/15/2013	0800-1015	13500	13500	0.01	6.97	1.30	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/15/2013	0825-1255	24000	24000	0.00	7.20	0.70	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/15/2013	1035-1055	1500	1500	0.00	7.33	1.10	Dechlorination/Removed Debris or other Pollutants before flushing
1040 Humboldt	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/15/2013	1000-1015	1000	1000	0.00	7.68	1.49	Dechlorination/Removed Debris or other Pollutants before flushing
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/15/2013	0830-0930	6000	6000	0.00	7.91	1.76	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/15/2013	0805-0905	3000	3000	0.00	8.17	0.45	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/15/2013	0800-0900	3000	3000	0.00	8.35	1.36	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/15/2013	0810-0910	3000	3000	0.00	8.42	2.02	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/21/2013	0850-0950	2600	2600	0.00	6.70	1.51	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/21/2013	0825-0925	3750	3750	0.00	6.73	0.67	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/21/2013	1052-1114	2200	2200	0.00	6.80	1.93	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/21/2013	1306-1320	1600	1600	0.00	6.80	2.29	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/21/2013	1148-1203	1500	1500	0.00	6.80	1.48	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/21/2013	1330-1345	1500	1500	0.00	6.80	1.10	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/21/2013	1351-1405	1500	1500	0.00	6.80	1.64	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/21/2013	1410-1421	1500	1500	0.00	6.80	1.31	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/21/2013	1123-1137	1400	1400	0.00	6.80	3.00	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/21/2013	0850-0950	2500	2500	0.00	6.82	0.45	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/21/2013	0850-0950	3300	3300	0.00	6.95	0.90	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/21/2013	1055-1135	4000	4000	0.00	7.25	4.77	Dechlorination/Removed Debris or other Pollutants before flushing
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/25/2013	1240-1300	2000	2000	0.00	6.53	0.84	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/25/2013	0950-1050	3675	3675	0.00	6.58	0.45	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/25/2013	1100-1200	2475	2475	0.00	7.03	2.10	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/25/2013	1100-1200	3225	3225	0.00	7.05	1.02	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/25/2013	1100-1200	2775	2775	0.00	7.05	0.45	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/25/2013	1420-1440	2000	2000	0.00	7.26	0.74	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/28/2013	0945-1045	2250	2250	0.00	6.74	0.68	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/28/2013	1006-1030	2400	2400	0.00	6.80	1.37	Dechlorination/Removed Debris or other Pollutants before flushing
Main Street	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/28/2013	0940-1000	1800	1800	0.00	6.80	0.92	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/28/2013	1040-1055	1600	1600	0.00	6.80	2.48	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/28/2013	1105-1116	1300	1300	0.00	6.80	1.94	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/28/2013	1143-1156	1300	1300	0.00	6.80	1.56	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/28/2013	1123-1135	1200	1200	0.00	6.80	2.37	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/28/2013	0915-1015	3650	3650	0.00	6.86	0.47	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/28/2013	0945-1145	6525	6525	0.00	7.01	1.15	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/28/2013	0945-1045	2850	2850	0.00	7.08	0.46	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/28/2013	0815-0900	2400	2400	0.00	7.34	2.35	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/28/2013	1140-1150	750	750	0.00	7.64	3.16	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/28/2013	1140-1150	750	750	0.00	7.64	3.16	Dechlorination/Removed Debris or other Pollutants before flushing
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/28/2013	1040-1100	2000	2000	0.00	7.66	1.05	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/28/2013	1240-1255	1500	1500	0.00	7.66	5.25	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/28/2013	1240-155	1500	1500	0.00	7.66	5.25	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/31/2013	1100-1140	4500	4500	0.00	6.80	1.48	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/31/2013	1044-1144	4000	4000	0.00	6.80	2.34	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/4/2013	0916-1016	4000	4000	0.00	6.80	1.18	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/4/2013	0916-1016	4000	4000	0.00	6.80	0.65	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/4/2013	0916-1016	4000	4000	0.00	6.80	2.53	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/4/2013	1012-1027	1000	1000	0.00	6.80	1.90	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/4/2013	1310-1325	1000	1000	0.00	6.80	1.00	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/4/2013	0915-1200	16500	16500	0.00	7.59	0.54	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/4/2013	0940-1050	7000	7000	0.00	8.25	0.65	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/12/2013	0908-1038	6000	6000	0.00	6.80	0.86	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/12/2013	1215-1315	4000	4000	0.00	6.80	0.34	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/12/2013	1215-1315	4000	4000	0.00	6.80	0.39	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/12/2013	1215-1315	4000	4000	0.00	6.80	0.83	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/12/2013	1120-1135	1500	1500	0.00	6.80	0.67	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/12/2013	1040-1050	1000	1000	0.00	6.86	0.84	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/12/2013	1020-1030	1000	1000	0.00	7.40	1.53	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/12/2013	0920-0930	1000	1000	0.00	7.59	1.49	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/12/2013	1100-1110	1000	1000	0.00	7.60	0.72	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/12/2013	1000-1010	1000	1000	0.00	7.63	1.48	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/12/2013	0940-0950	1000	1000	0.00	7.66	0.81	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/12/2013	0835-0855	2000	2000	0.00	7.73	1.54	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/15/2013	0820-0840	2000	2000	0.00	6.60	1.46	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/15/2013	1315-1445	9000	9000	0.00	6.80	1.46	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/15/2013	0830-0930	2100	2100	0.00	6.80	2.07	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/15/2013	0830-0930	2100	2100	0.00	6.80	1.93	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/15/2013	0830-0930	2100	2100	0.00	6.80	0.75	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/15/2013	1330-1430	2100	2100	0.00	6.80	1.96	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/15/2013	1330-1430	2100	2100	0.00	6.80	1.90	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/15/2013	1330-1430	2100	2100	0.00	6.80	0.82	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/18/2013	0925-0935	1000	1000	0.00	6.72	0.80	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/18/2013	1015-1025	1000	1000	0.00	6.75	1.53	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/18/2013	0905-1005	4000	4000	0.00	6.80	0.84	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/18/2013	0905-1005	4000	4000	0.00	6.80	0.96	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/18/2013	0905-1005	4000	4000	0.00	6.80	2.01	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/18/2013	1408-1431	1800	1800	0.00	6.80	0.30	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/18/2013	0918-0938	1500	1500	0.00	6.80	0.97	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/18/2013	1326-1338	1200	1200	0.00	6.80	2.47	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/18/2013	1308-1320	800	800	0.00	6.80	1.84	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/18/2013	0840-0900	2000	2000	0.00	7.00	1.52	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Main Street	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/18/2013	1000-1120	2000	2000	0.00	7.25	1.33	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/18/2013	0950-1000	1000	1000	0.00	7.45	0.82	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/18/2013	1035-1045	1000	1000	0.00	7.86	1.00	Dechlorination/Removed Debris or other Pollutants before flushing
Bayshore & San Bruno	Water Main Shutdown	Brisbane Lagoon/SF Bay	11/21/2013	0830-1000	7000	7000	0.01	6.75	3.85	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/25/2013	0855-1045	25500	25000	0.00	6.55	0.51	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/25/2013	0915-1055	10000	10000	0.00	6.70	0.83	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/25/2013	1017-1217	8000	8000	0.00	6.80	0.54	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/25/2013	1017-1217	8000	8000	0.00	6.80	0.52	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/25/2013	1017-1117	4000	4000	0.00	6.80	0.93	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/25/2013	1320-1355	2800	2800	0.00	6.80	0.99	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/25/2013	1130-1150	1500	1500	0.00	6.80	0.46	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/27/2013	0800-1000	18250	18250	0.00	6.60	0.72	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/28/2013	0700-1100	36500	36500	0.00	6.60	0.74	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/2/2013	1335-1350	1500	1500	0.00	6.60	0.87	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/2/2013	1425-1435	1000	1000	0.00	6.60	0.90	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/2/2013	1320-1330	1000	1000	0.00	6.70	0.64	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/2/2013	1405-1415	1000	1000	0.00	6.75	1.03	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/2/2013	0805-1015	25000	25000	0.00	7.00	0.72	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/2/2013	1030-1200	9000	9000	0.00	7.00	1.45	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/2/2013	1300-1310	1000	1000	0.00	7.00	1.44	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(les)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/2/2013	1445-1455	1000	1000	0.00	7.00	0.43	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/3/2013	1050-1430	40000	40000	0.00	6.75	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/4/2013	1145-1400	34000	34000	0.00	6.75	0.79	Dechlorination/Removed Debris or other Pollutants before flushing
Crocker Tank	Tank Flushing	Brisbane Lagoon/SF Bay	12/4/2013	1125-1345	30000	30000	0.00	7.00	0.86	Dechlorination/Removed Debris or other Pollutants before flushing
Crocker Tank	Tank Flushing	Brisbane Lagoon/SF Bay	12/5/2013	0830-1330	100000	100000	0.00	6.60	0.43	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/5/2013	0900-1400	70500	70500	0.00	6.70	0.83	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/6/2013	0945-1430	36000	36000	0.00	6.80	32.30	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/9/2013	0905-1305	60000	60000	0.00	6.60	0.65	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/9/2013	1330-1430	2700	2700	0.00	7.80	2.35	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/9/2013	1100-1110	1000	1000	0.00	7.80	5.73	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/9/2013	1330-1430	2700	2700	0.00	7.90	2.01	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/9/2013	1330-1430	2700	2700	0.01	8.00	1.76	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/9/2013	1130-1140	750	750	0.00	8.20	0.97	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/9/2013	1300-1400	2700	2700	0.00	8.40	0.79	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/9/2013	1315-1415	2700	2700	0.01	8.48	1.07	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/10/2013	0915-1130	29000	29000	0.00	6.60	0.56	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/10/2013	1302-1332	3000	3000	0.00	6.60	0.59	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/10/2013	1340-1400	2000	2000	0.00	6.60	2.20	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/10/2013	1430-1450	2000	2000	0.00	6.60	1.29	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/10/2013	1410-1420	1000	1000	0.00	6.70	0.86	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/11/2013	0825-1225	52000	52000	0.00	6.60	0.51	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/12/2013	0845-1445	77000	77000	0.00	6.60	1.25	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/13/2013	0820-1420	85000	85000	0.00	6.60	0.44	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/16/2013	0830-1400	75900	75900	0.00	6.60	0.59	Dechlorination/Removed Debris or other Pollutants before flushing
460 Mendocino	Unplanned/Main Break	Brisbane Lagoon/SF Bay	12/16/2013	1230-1630	7000	7000	0.01	7.00	44.30	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/16/2013	0955-1155	14500	14500	0.00	7.00	0.61	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/17/2013	0920-1420	62500	62500	0.00	6.60	0.62	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/18/2013	0905-1435	76200	76200	0.00	6.60	0.63	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/19/2013	0800-1400	85000	85000	0.00	8.20	0.66	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/20/2013	0810-1440	84800	84800	0.00	7.00	0.57	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/23/2013	1035-1405	47600	47600	0.00	6.75	0.65	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/27/2013	1000-1030	3000	3000	0.00	6.60	1.07	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/27/2013	1040-1050	1000	1000	0.00	6.60	1.15	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/27/2013	1100-1110	1000	1000	0.00	6.60	0.38	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/27/2013	1040-1050	1000	1000	0.00	7.50	1.16	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/27/2013	1000-1010	1000	1000	0.00	7.80	1.84	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/27/2013	1015-1025	1000	1000	0.00	7.80	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/27/2013	0945-0955	1000	1000	0.00	8.10	2.09	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/30/2013	1245-1255	1000	1000	0.00	6.60	4.76	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/30/2013	1325-1335	1000	1000	0.00	6.60	1.37	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/30/2013	1345-1355	1000	1000	0.00	6.60	1.53	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/30/2013	1405-1415	1000	1000	0.00	6.60	0.52	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/30/2013	1220-1230	750	750	0.00	6.60	0.87	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/30/2013	1025-1100	2000	2000	0.00	6.60	1.61	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/30/2013	1310-1320	1000	1000	0.00	6.70	0.89	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/30/2013	0830-0930	4000	4000	0.00	7.00	0.41	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/30/2013	0830-0930	4000	4000	0.00	7.00	0.55	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/30/2013	1000-1100	4000	4000	0.00	7.00	0.75	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/30/2013	0830-0930	4000	4000	0.00	7.30	0.33	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/6/2014	0949-1049	9800	9800	0.00	6.60	0.34	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/6/2014	0830-0930	4000	4000	0.00	6.60	0.42	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/6/2014	1105-1205	3300	3300	0.00	6.60	0.78	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/6/2014	1025-1110	2550	2550	0.00	6.60	0.35	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/6/2014	1105-1205	2550	2550	0.00	6.60	0.33	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/6/2014	1105-1205	2700	2700	0.00	6.60	0.29	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/6/2014	1130-1250	9700	9700	0.00	6.75	1.02	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/13/2014	1105-1205	4000	4000	0.00	6.60	0.87	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/13/2014	0825-0845	2000	2000	0.00	6.60	0.74	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/13/2014	0920-0930	1000	1000	0.00	6.60	0.64	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/13/2014	0940-0950	1000	1000	0.00	6.60	0.61	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/13/2014	1000-1010	1000	1000	0.00	6.60	0.52	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/13/2014	1040-1050	1000	1000	0.00	6.60	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/13/2014	1100-1110	1000	1000	0.00	6.60	0.46	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/13/2014	1020-1030	1000	1000	0.00	6.60	0.72	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/13/2014	1105-1205	4000	4000	0.00	6.75	0.29	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/13/2014	1010-1030	2000	2000	0.00	6.80	0.92	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/13/2014	1105-1205	4000	4000	0.00	7.00	0.51	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/13/2014	0955-1045	3800	3800	0.00	7.00	0.18	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/21/2014	1320-1335	1500	1500	0.00	6.60	3.38	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/21/2014	0950-1000	1000	1000	0.00	6.60	0.89	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/21/2014	1010-1020	1000	1000	0.00	6.60	0.74	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/21/2014	1030-1040	1000	1000	0.00	6.60	0.40	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/21/2014	1050-1100	1000	1000	0.00	6.60	0.39	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/21/2014	1250-1300	750	750	0.00	6.60	0.45	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/21/2014	0956-1036	2500	2500	0.00	6.75	0.23	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/21/2014	1055-1155	3200	3200	0.00	7.00	1.26	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/21/2014	1055-1155	2700	2700	0.00	7.00	0.18	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/21/2014	1007-1025	825	825	0.00	7.00	0.23	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/21/2014	1055-1105	450	450	0.00	7.00	0.23	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/27/2014	1022-1122	3216	3216	0.00	6.60	1.17	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/27/2014	1022-1122	2768	2768	0.00	6.60	1.66	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/27/2014	0935-1005	2000	2000	0.00	6.60	1.02	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/27/2014	0920-1120	8000	8000	0.00	6.60	0.40	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/27/2014	0900-0940	2458	2458	0.00	6.75	0.84	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/27/2014	1022-1102	1720	1720	0.00	7.00	2.17	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/27/2014	0909-0929	897	897	0.00	7.00	0.48	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/3/2014	1100-1120	4700	4700	0.00	6.60	1.78	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/3/2014	1305-1309	800	800	0.00	6.60	0.91	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/3/2014	1435-1440	300	300	0.00	6.60	0.89	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/3/2014	1320-1325	800	800	0.00	6.75	1.48	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/3/2014	1336-1338	200	200	0.00	6.75	0.92	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/3/2014	1414-1418	200	200	0.00	6.75	1.89	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/3/2014	1400-1402	100	100	0.00	6.75	2.87	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/3/2014	1140-1155	3000	3000	0.00	7.00	1.09	Dechlorination/Removed Debris or other Pollutants before flushing
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/3/2014	1050-1130	3500	3500	0.00	7.10	1.29	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/3/2014	0840-0910	3500	3500	0.00	7.60	0.99	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/3/2014	1040-1120	4000	4000	0.00	7.80	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/3/2014	0920-1000	4000	4000	0.00	7.90	0.56	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/3/2014	1040-1120	4000	4000	0.00	8.12	1.25	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/3/2014	1040-1120	4000	4000	0.00	8.30	1.03	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/4/2014	0850-0930	5000	5000	0.00	6.60	2.97	Dechlorination/Removed Debris or other Pollutants before flushing
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/4/2014	0950-1000	1000	1000	0.00	7.52	0.62	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/10/2014	0900-0930	4300	4300	0.00	6.60	2.40	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/10/2014	1130-1135	500	500	0.00	6.60	0.68	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/10/2014	0820-0920	2500	2500	0.00	6.55	0.24	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/10/2014	0840-0940	2400	2400	0.00	6.60	0.42	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/10/2014	1020-1030	1000	1000	0.00	6.64	1.11	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/10/2014	0820-0920	2500	2500	0.00	6.84	0.57	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/10/2014	0955-1005	750	750	0.00	6.96	0.66	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/10/2014	1000-1006	1100	1100	0.00	7.00	1.68	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/10/2014	1035-1045	1000	1000	0.00	7.00	1.54	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/10/2014	1105-1110	500	500	0.00	7.00	1.36	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/10/2014	0820-0920	2500	2500	0.00	7.04	0.41	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/10/2014	0810-0855	3700	3700	0.00	7.22	0.66	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/11/2014	0900-0930	4300	4300	0.00	7.00	0.73	Dechlorination/Removed Debris or other Pollutants before flushing
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/11/2014	0825-0925	6000	6000	0.00	7.38	1.06	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/18/2014	1230-1330	3600	3600	0.00	6.60	0.48	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/18/2014	1115-1215	3200	3200	0.00	6.60	0.24	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/18/2014	1030-1100	3000	3000	0.00	6.60	0.48	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/18/2014	1115-1215	2500	2500	0.00	6.60	0.26	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/18/2014	1240-1325	2400	2400	0.00	6.60	0.47	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/18/2014	1115-1215	2200	2200	0.00	6.60	0.57	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/18/2014	1015-1200	10000	10000	0.00	6.75	0.21	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/24/2014	1330-1340	600	600	0.00	6.60	1.71	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/24/2014	1315-1320	400	400	0.00	6.60	2.10	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/24/2014	1355-1400	400	400	0.00	6.75	3.48	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/24/2014	1405-1410	400	400	0.00	6.75	0.69	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/24/2014	1425-1430	400	400	0.00	6.75	2.74	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/24/2014	1110-12210	2900	2900	0.00	6.78	0.88	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/24/2014	1110-1210	3150	3150	0.00	6.94	0.99	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/24/2014	1115-1155	3500	3500	0.00	7.00	2.36	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/24/2014	1245-1250	300	300	0.00	7.00	1.46	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/24/2014	1120-1220	3650	3650	0.00	7.31	0.65	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/24/2014	1130-1215	2400	2400	0.00	7.33	0.42	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/24/2014	1110-1210	2550	2550	0.00	7.36	0.78	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/3/2014	1050-1100	800	800	0.00	6.60	0.86	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/3/2014	1030-1035	500	500	0.00	6.60	1.43	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/3/2014	0915-0925	750	750	0.00	6.60	1.95	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/3/2014	1145-1155	500	500	0.00	6.75	3.78	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/3/2014	1120-1125	300	300	0.00	6.75	1.93	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/3/2014	0825-0845	2000	2000	0.00	6.80	5.93	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/3/2014	0820-0920	2400	2400	0.00	7.40	0.75	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/3/2014	0820-0920	2775	2775	0.00	7.50	1.14	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/3/2014	0820-0920	2775	2775	0.00	7.60	0.30	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/3/2014	0800-0845	2400	2400	0.00	7.60	0.63	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/3/2014	0810-0910	3675	3675	0.00	7.70	1.30	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/10/2014	0900-1030	14500	14500	0.00	6.60	0.69	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/10/2014	0900-1000	3075	3075	0.00	6.60	0.65	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/10/2014	1010-1110	4936	4936	0.00	7.00	1.02	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/10/2014	0900-1000	2775	2775	0.00	7.00	0.33	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/10/2014	0840-0925	2400	2400	0.00	7.40	0.58	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/10/2014	0850-0950	3750	3750	0.00	7.50	0.56	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/10/2014	0900-1000	3300	3300	0.00	7.50	0.71	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/17/2014	0845-0905	2000	2000	0.00	6.60	2.01	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/17/2014	1120-1130	700	700	0.00	6.60	2.82	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/17/2014	0945-0950	400	400	0.00	6.60	1.95	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/17/2014	0925-0930	350	350	0.00	6.60	1.77	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/17/2014	1030-1035	350	350	0.00	6.60	0.86	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/17/2014	1105-1110	350	350	0.00	6.60	0.94	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/17/2014	0810-0910	3200	3200	0.00	6.70	0.87	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(les)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/17/2014	0810-0910	2800	2800	0.00	6.70	0.61	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/17/2014	0810-0910	2400	2400	0.00	6.70	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/17/2014	1045-1055	380	380	0.00	6.80	1.09	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/17/2014	0800-0900	3600	3600	0.00	7.00	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/17/2014	0750-0835	2400	2400	0.00	7.10	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/24/2014	0845-0900	900	900	0.00	6.60	1.28	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/24/2014	0930-0945	600	600	0.00	6.60	1.82	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/24/2014	1000-1010	300	300	0.00	6.60	1.19	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/24/2014	1045-1055	1000	1000	0.00	6.70	1.36	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/24/2014	1020-1030	300	300	0.00	6.90	1.95	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/24/2014	0805-0905	3500	3500	0.00	7.20	0.65	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/24/2014	0805-0905	2700	2700	0.00	7.20	0.34	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/24/2014	0805-0905	2450	2450	0.00	7.20	0.53	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/24/2014	0755-0855	3750	3750	0.00	7.50	0.44	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/24/2014	0745-0830	2400	2400	0.00	7.70	0.42	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/24/2014	1025-1035	1000	1000	0.00	7.70	2.36	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/31/2014	0905-1105	17100	17100	0.00	6.60	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/31/2014	1120-1145	5000	5000	0.00	6.60	1.28	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/31/2014	0755-0840	2100	2100	0.00	6.80	0.39	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/31/2014	0815-0915	3100	3100	0.00	7.50	0.59	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(les)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/31/2014	0815-0915	2750	2750	0.00	7.50	0.23	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/31/2014	0815-0915	2550	2550	0.00	7.50	0.35	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/31/2014	0805-0905	3600	3600	0.00	7.70	0.43	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/7/2014	0900-1000	4900	4900	0.00	6.60	0.90	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/7/2014	1035-1120	3300	3300	0.00	6.60	1.18	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/7/2014	1035-1115	2500	2500	0.00	6.60	0.91	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/7/2014	0920-0945	1700	1700	0.00	6.60	1.10	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/7/2014	1035-1115	1200	1200	0.00	6.60	0.74	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/7/2014	0850-0900	1000	1000	0.00	7.00	1.22	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/7/2014	0950-1000	1000	1000	0.00	7.28	1.90	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/7/2014	1010-1020	1000	1000	0.00	7.40	1.91	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/7/2014	1030-1040	1000	1000	0.00	7.50	1.10	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/7/2014	0830-0840	1000	1000	0.00	7.67	0.79	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/7/2014	0910-0920	1000	1000	0.00	7.80	1.30	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/7/2014	0930-0940	1000	1000	0.00	8.00	1.72	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/15/2014	1310-1410	4400	400	0.00	6.87	0.96	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/15/2014	1310-1410	2800	2800	0.00	6.87	0.82	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/15/2014	1310-1410	2500	2500	0.00	6.87	0.45	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/15/2014	0955-1005	1000	1000	0.00	7.00	1.73	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/15/2014	1220-1230	750	750	0.00	7.00	0.88	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/15/2014	1015-1025	1000	1000	0.00	7.40	1.71	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/15/2014	1055-1110	1500	1500	0.00	7.45	0.80	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/15/2014	1035-1045	1000	1000	0.00	7.50	0.57	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/15/2014	0845-0855	1000	1000	0.00	7.70	1.96	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/15/2014	1300-1400	3700	3700	0.00	7.87	0.74	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/15/2014	1250-1335	2400	2400	0.00	8.00	1.00	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/21/2014	0917-1017	4900	4900	0.00	6.60	1.82	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/21/2014	1012-1112	4200	4200	0.00	6.60	1.55	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/21/2014	1012-1112	3200	3200	0.00	6.60	1.18	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/21/2014	1012-1052	2800	2800	0.00	6.60	0.81	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/21/2014	0925-1005	2300	2300	0.00	6.60	0.91	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/21/2014	0830-0850	2000	2000	0.00	7.32	1.65	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/21/2014	0755-0925	9000	9000	0.00	7.60	0.41	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0930-1030	3300	3300	0.00	6.80	1.00	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0930-1030	2800	2800	0.00	6.80	0.41	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0930-1030	2500	2500	0.00	6.80	0.59	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0912-1012	4900	4900	0.00	7.00	0.94	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0945-1045	4100	4100	0.00	7.00	1.44	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0945-1045	3700	3700	0.00	7.00	1.29	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0945-1045	3300	3300	0.00	7.00	1.24	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0930-1015	3200	3200	0.00	7.00	2.06	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/28/2014	1020-1030	1000	1000	0.00	7.00	0.84	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0920-1030	4400	4400	0.00	7.50	0.78	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0840-0925	2400	2400	0.00	7.50	0.62	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0900-0910	1000	1000	0.00	7.50	0.77	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/28/2014	1040-1050	1000	1000	0.00	7.50	0.77	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0840-0850	1000	1000	0.00	7.70	0.78	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/28/2014	1000-1010	1000	1000	0.00	7.70	1.64	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0920-0930	1000	1000	0.00	7.80	1.19	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/28/2014	0940-0950	1000	1000	0.00	7.80	1.70	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/5/2014	0935-1010	4500	4500	0.00	6.60	0.95	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/5/2014	1245-1255	750	750	0.00	6.60	2.76	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/5/2014	1030-1035	500	500	0.00	6.60	0.79	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/5/2014	1045-1055	400	400	0.00	6.60	5.38	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/5/2014	1110-1120	400	400	0.00	6.60	3.81	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/5/2014	1310-1320	400	400	0.00	6.60	1.49	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/5/2014	1130-1140	350	350	0.00	6.60	2.51	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/12/2014	1110-1210	3000	3000	0.00	6.60	0.51	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/12/2014	1110-1210	2800	2800	0.00	6.60	0.94	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/12/2014	1110-1210	2800	2800	0.00	6.60	1.04	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/12/2014	1100-1110	1000	1000	0.00	6.60	1.24	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/12/2014	0835-0905	3000	3000	0.00	6.70	1.59	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/12/2014	0800-1030	7500	7500	0.00	7.60	0.54	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/19/2014	0905-0930	2700	2700	0.00	6.60	0.85	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/19/2014	1020-1035	1100	1100	0.00	6.60	0.95	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/19/2014	1000-1015	1000	1000	0.00	6.60	0.92	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/19/2014	1045-1100	1000	1000	0.00	6.60	1.89	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/19/2014	1105-1115	500	500	0.00	6.60	1.33	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/19/2014	1120-1130	500	500	0.00	6.60	1.26	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/19/2014	1135-1145	500	500	0.00	6.60	1.21	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/19/2014	1150-1200	500	500	0.00	6.60	1.56	Dechlorination/Removed Debris or other Pollutants before flushing
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/19/2014	0900-0910	1000	1000	0.00	7.30	0.71	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/19/2014	0840-0940	3600	3600	0.00	7.50	1.02	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/19/2014	0820-0905	2400	2400	0.00	7.80	0.66	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/19/2014	0850-0950	3200	3200	0.00	8.00	1.08	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/19/2014	0850-0950	2800	2800	0.00	8.00	0.77	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/19/2014	0850-0950	2400	2400	0.00	8.00	1.14	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/20/2014	0845-0905	2000	2000	0.00	7.00	1.74	Dechlorination/Removed Debris or other Pollutants before flushing
230 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/20/2014	1150-1200	1000	1000	0.00	7.50	2.30	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/27/2014	0930-0940	750	750	0.00	6.80	1.19	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/27/2014	0950-1030	2000	2000	0.00	7.00	17.00	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/27/2014	1050-1100	1000	1000	0.00	7.20	1.48	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/27/2014	1330-1430	2500	2500	0.00	7.50	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/27/2014	1320-1405	2500	2500	0.00	7.80	0.56	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/27/2014	1110-1120	1000	1000	0.00	8.00	5.29	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/27/2014	1130-1140	1000	1000	0.00	8.00	2.88	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/27/2014	1340-1440	3150	3150	0.00	8.10	0.31	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/27/2014	1340-1440	2800	2800	0.00	8.10	0.44	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/27/2014	1340-1440	2800	2800	0.00	8.10	0.73	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/27/2014	1150-1200	1000	1000	0.00	8.20	0.74	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/2/2014	1335-1345	1900	1900	0.00	6.60	0.58	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/2/2014	0917-0931	1200	1200	0.00	6.60	0.71	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/2/2014	1008-1024	1100	1100	0.00	6.60	0.47	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/2/2014	1335-1345	1000	1000	0.00	6.60	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/2/2014	1335-1345	800	800	0.00	6.60	0.71	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/2/2014	0945-1100	7500	7500	0.00	7.20	0.46	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/2/2014	0900-0920	2000	2000	0.00	7.20	2.01	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lilly Ct.	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/10/2014	1015-1020	350	350	0.00	6.60	0.63	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/10/2014	1300-1305	275	275	0.00	6.60	4.12	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/10/2014	1040-1045	250	250	0.00	6.60	0.65	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/10/2014	1145-1200	240	240	0.00	6.60	2.17	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/10/2014	1120-1130	200	200	0.00	6.60	0.78	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/10/2014	1108-1110	100	100	0.00	6.60	0.79	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/16/2014	1105-1110	300	300	0.00	7.30	0.89	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/16/2014	1020-1025	300	300	0.00	7.40	1.13	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/16/2014	1035-1040	300	300	0.00	7.50	1.76	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/16/2014	1320-1325	250	250	0.00	7.50	2.03	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/16/2014	1320-1325	250	250	0.00	7.50	0.47	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/16/2014	1010-1015	300	300	0.00	7.60	0.98	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/16/2014	1320-1325	250	250	0.00	7.60	0.98	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/16/2014	1245-1250	200	200	0.00	7.80	2.17	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/16/2014	1050-1055	300	300	0.00	7.90	0.97	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/16/2014	0955-1000	250	250	0.00	7.90	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/16/2014	1120-1125	250	250	0.00	7.90	1.07	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/16/2014	1305-1310	200	200	0.00	8.10	1.78	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/23/2014	0820-0935	7500	7500	0.00	6.60	0.59	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/23/2014	0840-0900	2000	2000	0.00	6.60	1.67	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/23/2014	0917-0927	900	900	0.00	6.60	2.42	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/23/2014	1025-1040	800	800	0.00	6.60	0.99	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/23/2014	1025-1055	2000	2000	0.00	6.75	0.40	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/23/2014	0945-1000	1000	1000	0.00	6.75	1.26	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/23/2014	1025-1035	400	400	0.00	6.75	1.29	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/30/2014	1030-1130	3000	3000	0.00	7.25	1.10	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/30/2014	1030-1130	2900	2900	0.00	7.25	1.02	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/30/2014	1030-1130	2400	2400	0.00	7.25	0.47	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/30/2014	1105-1115	600	600	0.00	7.50	1.60	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/30/2014	1045-1055	500	500	0.00	7.50	0.81	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/30/2014	1120-1125	250	250	0.00	7.70	2.18	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/30/2014	0945-0955	500	500	0.00	7.80	0.95	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/30/2014	1025-1030	350	350	0.00	7.90	1.58	Dechlorination/Removed Debris or other Pollutants before flushing

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

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[62] (NTU)	Implemented BMPs & Corrective Actions
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/30/2014	1100-1105	250	250	0.00	8.00	1.42	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/30/2014	0915-0925	500	500	0.00	8.10	1.39	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/30/2014	1045-1050	350	350	0.00	8.10	1.66	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/30/2014	0845-0855	600	600	0.00	8.30	0.60	Dechlorination/Removed Debris or other Pollutants before flushing

C.15.b.iii.(2) ▶Unplanned Discharges of the Potable Water System[63]

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)[64]	pH (standard units) [52]	Discharge Turbidity (Visual) [52],	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time[65]	Inspector arrival time	Responding crew arrival time
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[63] This table contains all of the unplanned discharges that occurred in this FY.
[64] 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.
[65]. 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.

Appendix

Table of Contents

Stormwater Treatment BMP O&M Verification Inspection Report Form

Date: 2/28/14

Facility has closed or Facility Information has changed: ☐ yes ☑ no

Reason for Inspection: X First Inspection (required within 45 days of installation) ☐ Routine Inspection ☐ Response to Complaint ☐ Follow-up		Follow-up Inspection Due:
NAME OF FACILITY **Integrated Stone Resources**	SITE ADDRESS or APN **275 Valley Drive**	
CONTACT NAME / PHONE	PROJECT TYPE/ACTIVITY **C.3 Flow-through Planter**	
Is the property owner different than the facility owner? ☐ yes ☐ no	If yes, complete the following:	
NAME / MAILING ADDRESS	CONTACT: / TITLE:	PHONE
Is the BMP Operator different than the facility owner? ☐ yes ☐ no	If yes, complete the following:	
NAME / MAILING ADDRESS	CONTACT: / TITLE:	PHONE

Needed maintenance noted for the Treatment and/or HM BMPs below shall be completed within 30 days and notification of correction faxed, emailed or mailed to the over sight agency.

Treatment BMP Type (Numbers in parentheses correspond to fact sheets in CASQA's New Development Handbook)	No visible problems	**Needed Maintenance**																				
		Trash or Debris	Pollutants	Rodent Holes	Hazardous Trees/Brush	Erosion or Scouring	Excessive Sediment	Liner Condition (if visible)	Spillway/Berm Damaged, Settled	Damaged Trash Rack or Screen	Inlet/Outlet	Security (fence, gates)	Coating/Paint	Standing Water	Mosquitoes/ Other Insects	Flow Spreader/ Equalizer	Invasive Weeds or Vegetation	Poor Vegetation Cover < 90%	Pedestrian Path Devegetation/ Compaction	Vegetation Too Tall	Odors		
Vegetated Swale (TC-30)																						
Extended Detention Basin (TC-22)																						
Bioretention Facility (TC-32)/ Flow-Through Planter	✓	No	No	No	No	No	No	N/A	No	No	OK	N/A	N/A	No Active	No	OK	None	OK	N/A	No	No		
Vortex Separator (MP-51)																						
Infiltration Basin (TC-11)																						
Water Quality Inlets –Oil/ grit/water Separator (TC-50)																						
Media Filters - Sand Filters (TC-40)																						
Drain Inserts (MP-52)																						
HM Tank or Vault																						
Other																						

COMMENTS Date Treatment BMP Installed (for first inspection only) 1/22/14 Maintenance Documentation Reviewed? ☐ yes ☑ no Maintenance required in storm drain system? ☐ yes ☑ no

Currently raining and the system is functioning as intended. Flow was observed at the inlet and and outflow without standing water.

BMP brochures distributed? ☐ Describe: Follow-up Required? ☐ Yes ☑ No ☐ Comments:

PRIORITY FOR RE-INSPECTION: ☐ 1. First ☐ 2. Second ☐ 3. Third REQUIRED COMPLIANCE DATE DATE CORRECTED

ENFORCEMENT: ☑ None ☐ Verbal Notice ☐ Warning Notice ☐ Administrative Action ☐ Administrative Action w/ Penalty &/or Cost Recovery ☐ Legal Action

O&M Repres

nspector:

ATTACHMENT 3-1

SAN MATEO COUNTYWIDE
Water Pollution Prevention Program
Clean Water. Healthy Community.

INDUSTRIAL AND COMMERCIAL BUSINESS INSPECTION PLAN
CITY OF BRISBANE

Date Originally Prepared: **August 30, 2010**

Date Last Updated: **February 10, 2014**

BACKGROUND

This Industrial and Commercial Business Inspection Plan (Inspection Plan) serves as the city's prioritized inspection work plan to comply with the municipal regional stormwater permit's (MRP) Provision C.4.b requirements. This MRP provision requires that an Inspection Plan be developed. The final result of implementing the Inspection Plan is a Prioritized Inspection List of Businesses (Inspection List). The original Inspection List was required to be submitted with the 2010 Annual Report, and an annually updated Inspection List is to be submitted with subsequent annual reports.

Municipal staff used the following steps to create this Inspection Plan and comply with the MRP. Step 1 addresses compliance with MRP requirements for creating an Inspection List pursuant to the Inspection Plan. Steps 2 and 3 address MRP requirements for the Inspection Plan.

Steps

1. Develop an Inspection List that includes:
    a. A list of all of the industrial and commercial businesses located within the municipality's jurisdiction that require inspection;
    b. A determination of the priority for inspection of each business on the Inspection List using the identified method of establishing inspection priorities;
    c. Identification of businesses on the Inspection List that are scheduled for inspection during the current fiscal year; and
    d. An annual update or revision of the Inspection List starting in 2011.
2. Identify a method of establishing priorities for inspections and the frequency of inspections for each category of priority.
3. Describe the method that will be used to identify newly opened businesses that may need inspection.

Each of these steps was followed to develop this Inspection Plan as described in the following sections.

STEP 1: DEVELOP AN INSPECTION LIST

This step includes the following four sub-steps associated with the development and maintenance of the Inspection List:

a. Develop a list of all of the industrial and commercial businesses that require inspection;
b. Determine the priority for inspection of each business on the Inspection List;
c. Identify businesses on the Inspection List that are scheduled for inspection during the current fiscal year; and
d. Prepare an annual update or revision of the Inspection List starting in 2011.

ATTACHMENT 4-1

What the MRP Requires

Develop a List of All Businesses Requiring Inspection

The MRP requires that the Inspection Plan be used to maintain an Inspection List of industrial and commercial businesses "that could reasonably be considered to cause or contribute to pollution of stormwater runoff" (Provision C.4.b.ii).

In particular, the MRP lists the following types of businesses as needing to be inspected if they "have a reasonable likelihood to be sources of pollutants to stormwater and non-stormwater discharges:" (Provision C.4.b.ii(2))

1) Industrial facilities[1], as defined in 40 CFR 122.26(b)(14), including those subject to the State General NPDES Permit for Stormwater Discharges Associated with Industrial Activity;
2) Vehicle salvage yards;
3) Metal and other recycled material collection facilities, waste transfer facilities;
4) Vehicle mechanical repair, maintenance, fueling, or cleaning;
5) Building trades central facilities or yards, corporation yards, nurseries, and greenhouses;
6) Building material retailers and storage;
7) Plastic manufacturers; and
8) Other facilities designated by the city or Water Board as having a reasonable potential to contribute to pollution of stormwater runoff. The Water Board staff places a priority on inspecting retail food facilities, and these businesses should be included in the Inspection List if they "have a reasonable likelihood to be sources of pollutants to stormwater and non-stormwater discharges."

In addition, the MRP lists the following functional aspects of businesses that may produce pollutants when exposed to stormwater as part of the criteria for developing the Inspection List:

1) Outdoor process and manufacturing areas;
2) Outdoor material storage areas;
3) Outdoor waste storage and disposal areas;
4) Outdoor vehicle and equipment storage and maintenance areas;
5) Outdoor wash areas;
6) Outdoor drainage from indoor areas;
7) Rooftop equipment; and
8) Other sources determined by the city or Water Board to have a reasonable potential to contribute to pollution of stormwater runoff.

Establish Inspection Priority for Businesses on the Inspection List

The MRP requires that businesses that have a reasonable potential to pollute stormwater runoff be prioritized using factors listed in the MRP (Provision C.4.b.ii.(3)).

Identify Businesses Scheduled for Inspection During the Current Fiscal Year

The MRP requires that the annual report include "the list of facilities scheduled for inspection during the current fiscal year" (Provision C.4.b.iii.(2)).

[1] The MRP appears to use the terms "facilities" and "businesses" interchangeably. This template generally uses the term business since that is used in the title of Provision C.4.b., and it is the term most familiar to inspectors.

Annual Updates

The MRP requires that the Inspection List be annually updated and maintained (Provision C.4.b.ii). The annual updates should include new businesses; any needed modifications to inspection priorities based on recent inspections, illicit discharge notifications, or other relevant factors; and removal of businesses that are no longer operating. In addition, updates or revisions to the Inspection List need to be included in annual reports starting in 2011 (Provision C.4.b.iii.(1)).

Sub-step 1a: Develop Inspection List

➔ In addition to regularly requiring all businesses operating within the city limits to obtain a valid City business license, in late December of each year the city's Finance staff sends a renewal notice to each business that is currently on the business license roster. Along with that reminder notice, the city includes the San Mateo County Environmental Health (SMCEH) Hazardous Material Notification Form (Attachment A), and the City's Industrial & Commercial Business Stormwater Pollution Prevention questionnaire (Attachment B). (These forms are also provided to any business license applicants during the regular year.) The completed forms are forwarded by Finance to the city's Stormwater Coordinator. The Coordinator forwards the SMCEH forms to the SMCEH Coordinator.

Approximately mid-February of each year, the city's Finance staff produces a business license holder list. This list forms the basis of businesses that may require inspection, and is the DRAFT Inspection List. The City Stormwater Coordinator then obtains the most current list of active facilities requiring inspection by SMCEH, and begins the decision matrix shown on Figure 1.

If a business is listed on the DRAFT Inspection List and the SMCEH list of potential facilities, then that business will be prioritized for inspection and inspection by SMCEH per their established operating procedures and plans. The City Stormwater Coordinator has reviewed SMCEH's current Business Inspection Plan and will review subsequent revisions when available.

If a business is on the SMCEH potential facilities list but not in the city's DRAFT Inspection List, then that business' contact information is forwarded to City Finance for follow-up regarding the requirements for a city business license. This business will be prioritized and inspected by SMCEH.

Using the procedure shown in Attachment C, City staff will next obtain the list of local businesses that have an active industrial permit. A local business that has an active industrial permit is referred to SMCEH for prioritization and inspection.

The next "check" city staff will perform is to see if the business answered "yes" to any of the questions on Attachment B (city stormwater questionnaire). If yes, then the business description will be reviewed to determine if SMCEH is a more appropriate inspecting authority. If that is the case, the business will be referred to SMCEH. If SMCEH accepts inspection responsibility, then they will prioritize/inspect that business.

If the business description does not indicate that SMCEH is the appropriate inspector, of if SMCEH makes that determination, then the city will schedule a preliminary inspection to determine if the business has characteristics that create the possibility for the pollution of stormwater runoff. If that possibility exists, the business is retained on the DRAFT Inspection

List. If the possibility does not exist, then the business is removed from the DRAFT Inspection List.

The next "check" city staff will perform is to see if the business is scheduled for inspection by the North County Fire Authority Fire Prevention Bureau (which typically handles the more complex inspections, as opposed to the inspections assigned to the fire companies for routine verification of fire extinguishers, exit route signage, etc.) If yes, then the business description will be reviewed to determine if SMCEH is a more appropriate inspecting authority. If that is the case, the business will be referred to SMCEH. If SMCEH accepts inspection responsibility, then they will prioritize/inspect that business.

If the business description does not indicate that SMCEH is the appropriate inspector, of if SMCEH makes that determination, then the city will schedule a preliminary inspection to determine if the business has characteristics that create the possibility for the pollution of stormwater runoff. If that possibility exists, the business is retained on the DRAFT Inspection List. If the possibility does not exist, then the business is removed from the DRAFT Inspection List.

Staff will check to see if the business returned the required stormwater questionnaires (Attachments A and B). If no, then the business description will be reviewed to determine if SMCEH is a more appropriate inspecting authority. If that is the case, the business will be referred to SMCEH. If SMCEH accepts inspection responsibility, then they will prioritize/inspect that business.

If the business description does not indicate that SMCEH is the appropriate inspector, of if SMCEH makes that determination, then the city will schedule a preliminary inspection to determine if the business has characteristics that create the possibility for the pollution of stormwater runoff. If that possibility exists, the business is retained on the DRAFT Inspection List. If the possibility does not exist, then the business is removed from the DRAFT Inspection List.

Finally, city staff will review the business description to see if that is inconsistent with the answers provided to any of the questions on Attachment B (city stormwater questionnaire). If yes, then the business description will be reviewed to determine if SMCEH is a more appropriate inspecting authority. If that is the case, the business will be referred to SMCEH. If SMCEH accepts inspection responsibility, then they will prioritize/inspect that business.

If the business description does not indicate that SMCEH is the appropriate inspector, of if SMCEH makes that determination, then the city will schedule a preliminary inspection to determine if the business has characteristics that create the possibility for the pollution of stormwater runoff. If that possibility exists, the business is retained on the DRAFT Inspection List. If the possibility does not exist, then the business is removed from the DRAFT Inspection List.

If the business description is consistent with the answers provided on the questionnaire, and the business has not previously been assigned for prioritization/inspection by SMCEH or the City, the business is removed from the DRAFT Inspection List.

(continued after Figure 1)

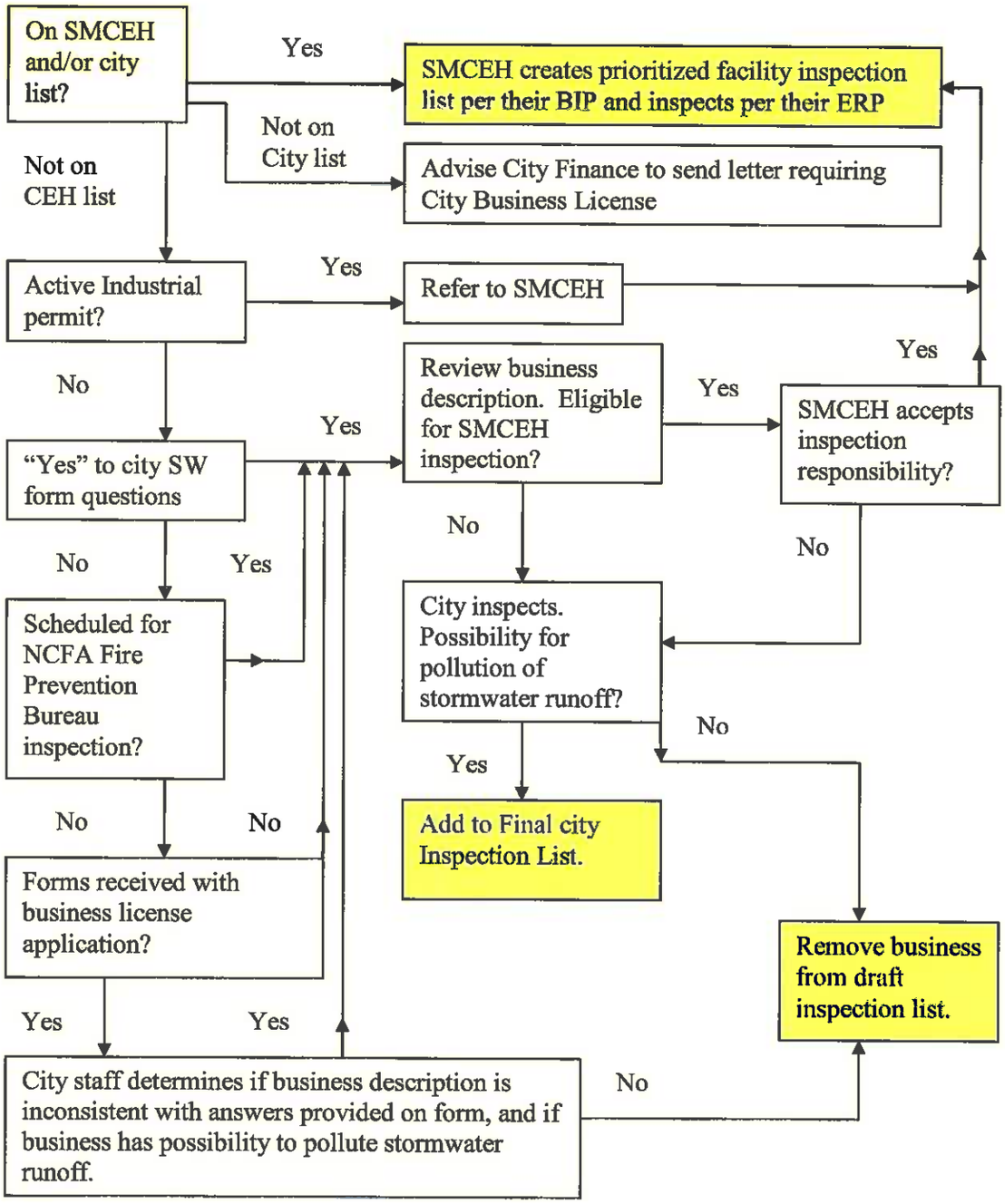
On SMCEH and/or city list?
Yes
SMCEH creates prioritized facility inspection list per their BIP and inspects per their ERP
Not on City list
Advise City Finance to send letter requiring City Business License
Not on CEH list
Active Industrial permit?
Yes
Refer to SMCEH
No
Review business description. Eligible for SMCEH inspection?
Yes
SMCEH accepts inspection responsibility?
Yes
"Yes" to city SW form questions
Yes
No
Yes
Scheduled for NCFA Fire Prevention Bureau inspection?
No
City inspects. Possibility for pollution of stormwater runoff?
No
No
Yes
Add to Final city Inspection List.
No
No
Forms received with business license application?
Remove business from draft inspection list.
Yes
Yes
City staff determines if business description is inconsistent with answers provided on form, and if business has possibility to pollute stormwater runoff.
No

FIGURE 1

Sub-step 1b: Determine Priority for Businesses

Businesses on the city's Inspection List will be assigned a priority for inspection of High or Low. A high priority indicates that business will be inspected this year. A low priority indicates the business will inspected every 3-5 years (typically, within a current MRP period).

Those businesses scheduled on SMCEH's Inspection List will be prioritized according to SMCEH's standard procedures and plans.

Sub-step 1c: Identify Businesses Scheduled for Inspection in the Current Fiscal Year

This Inspection List is scheduled for update every year. All businesses identified with a high priority for inspection will be inspected within the then current FY, or prior to the beginning of the rainy season in the next FY

Those businesses scheduled on SMCEH's Inspection List will be prioritized according to SMCEH's standard procedures and plans.

Sub-step 1d: Annual Update

This annual process effectively creates a new Inspection List every year, which is intended to accurately reflect those businesses operating within the City of Brisbane's jurisdictional area. One final check that staff will make is to review the previous year's list of businesses assigned a High priority inspection and see if they have dropped off the current list. If they are not on the current list, an effort will be made to confirm that this business no longer operates within Brisbane.

STEP 2: IDENTIFY A METHOD OF ESTABLISHING INSPECTIONS' PRIORITIES AND FREQUENCY

What the MRP Requires

The MRP requires that each of the businesses to be inspected be assigned a priority for inspection based on "the potential for water quality impact using criteria such as pollutant sources on site, pollutants of concern, proximity to a waterbody, violation history of the facility, and other relevant factors" (Provision C.4.b.ii.(3)). In addition, the MRP requires that appropriate inspection frequencies be established based on the priority for inspection, "potential for contributing pollution to stormwater runoff' and be "commensurate with the threat to water quality" (Provision C.4.b.ii.(5)).

Further, the MRP requires: "A description of the process for prioritizing inspections and frequency of inspections" (Provision C.4.b.i.(2)).

Description of Prioritization Process and Assignment of Inspection Frequencies to Different Priorities

➔ Businesses meeting the following criteria will generally be assigned as a high priority for inspection:

1. Businesses that are subject to the State General NPDES Permit for Stormwater Discharges Associated with Industrial Activity.
2. Retail food facilities, hazardous materials users, automotive service facilities, and hazardous waste generators that have a history of using inadequate best management practices.

3. Businesses that have had a non-stormwater discharge disallowed by the MRP during the previous fiscal year.
4. Businesses receiving some form of stormwater or pollution prevention-related public complaints.

All other businesses have generally been assigned as having a low priority for inspection.

High priority for inspection means that the business will typically be inspected annually. Low priority for inspection means that the business will be inspected less frequently than annually, such as every other year or every third year, depending on staff resources.

STEP 3: DESCRIBE METHOD THAT WILL BE USED TO IDENTIFY NEW BUSINESSES

What the MRP Requires

The MRP requires that the Inspection Plan have a "mechanism to include newly opened businesses that warrant inspection ..." (Provision C.4.b.i.(2)).

Description of Method for Identifying New Businesses

➔ The following describes how new businesses that may warrant an inspection are identified so that they will be included on the Inspection List. The annual utilization of the updated business license database from the Finance Department will serve as the primary mechanism of identifying new businesses. As discussed in sub-step 1a and Figure 1, other means to identify new businesses will include review of the businesses captured for inspection by SMCEH, review of the state's Active Industrial permit database, and review of businesses scheduled for inspection by the North County Fire Authority Fire Prevention Bureau.

Additionally, throughout the normal course of inspecting assigned businesses and performing other duties, both the City's and SMCEH's inspectors will be alert to the possibility of identifying new facilities not captured by the methods listed above.

C.4.b.iii(1)
Potential Facilties List
Facilities Inspected by San Mateo County

FACILITY NAME		STREET NAME	CITY
BRISBANE MARINA	400	SIERRA POINT	BRISBANE
SEVEN MILE HOUSE SPORTS BAR & GRILL	2800	BAYSHORE	BRISBANE
BRISBANE INN	50	VISITACION	BRISBANE
MIDTOWN MARKET	249	VISITACION	BRISBANE
JULIES BRISBANE LIQUOR & DELI	45	VISITACION	BRISBANE
TIGERS AUTO BODY & PAINT	23	INDUSTRIAL	BRISBANE
2000 SIERRA POINT PARKWAY LLC	2000	SIERRA POINT	BRISBANE
LUCKY HOUSE	148	VISITACION	BRISBANE
FRATERNAL ORDER OF EAGLES	185	VISITACION	BRISBANE
VAN ARSDALE HARRIS LUMBER CO	595	TUNNEL	BRISBANE
ALLIED ROPES COMPANY	171	INDUSTRIAL	BRISBANE
MACHINERY & EQUIPMENT CO	3401	BAYSHORE	BRISBANE
MELISSAS TAQUERIA	160	VISITACION	BRISBANE
FONG BROS PRINTING INC	320	VALLEY	BRISBANE
BRISBANE RECYCLING CO INC	5	BEATTY	BRISBANE
STAR BOX FOOD	33	VISITACION	BRISBANE
BAYPORTER EXPRESS INC	27	INDUSTRIAL	BRISBANE
DOLBY LABORATORIES	175	Hill	BRISBANE
V & A AUTO REPAIR STATION	2800	BAYSHORE	BRISBANE
RECOLOGY SUNSET SCAVENGER		Tunnel & Beatty	BRISBANE
FRITO LAY INC	151	Hill	BRISBANE
VWR INTERNATIONAL, INC.	3745	BAYSHORE	BRISBANE
LAZZARI FUEL COMPANY	11	INDUSTRIAL	BRISBANE
SFPP, LP	950	TUNNEL	BRISBANE
L & D TRUCK REPAIR	374	INDUSTRIAL	BRISBANE
BRISBANE SCHOOL DIST	500	SAN BRUNO	BRISBANE
BAYSHORE SANITARY DISTRICT	36	INDUSTRIAL	BRISBANE
TERIYAKI HOUSE	114	OLD COUNTY	BRISBANE
LE GOURMET	150	HILL	BRISBANE
STATUE FACTORY, LLC	10	INDUSTRIAL	BRISBANE
AXEL ISACKSON FLOOR CO	100	HILL	BRISBANE
BRISBANE COMMUNITY CENTER	250	VISITACION	BRISBANE
P & F DISTRIBUTORS	511	Tunnel	BRISBANE
F W SPENCER MECHANICAL CONTRACTORS	99	HILL	BRISBANE
GOLDEN STATE LUMBER	601	TUNNEL	BRISBANE
Recology San Francisco	501	Tunnel	BRISBANE
ACME SCENERY CO	100	INDUSTRIAL	BRISBANE
UNIPART LOGISTICS	422	VALLEY	BRISBANE
BRISBANE COMMUNITY POOL	2	SOLANO	BRISBANE
BRISBANE CORPORATION YARD	1020	TUNNEL	BRISBANE
MADHOUSE COFFEE	400	VISITACION	BRISBANE
BIRITE FOODSERVICE	123	HILL	BRISBANE
SUPERTECH AUTOBODY	370	INDUSTRIAL	BRISBANE
INTERMUNE, INC	3260-80	BAYSHORE	BRISBANE
LINCOLN BROADCASTING / KTSF	100	VALLEY	BRISBANE
DAVEY TREE EXPERT CO	131	INDUSTRIAL	BRISBANE
FAMCO INDUSTRIES	100	HILL	BRISBANE
A R GROTH CO., INC	200	VALLEY	BRISBANE
AIRCRAFT TECHNICAL PUBLISHERS	101-111	HILL	BRISBANE
KNTV TELEVISION INC	900	RADIO	BRISBANE
AMERICAN TOWERS - SAN BRUNO T8, T9, CA - SITE #8249, #8250	600-700	Radio	BRISBANE

ATTACHMENT 4–2

C.4.b.iii(1)
Potential Facilties List
Facilities Inspected by San Mateo County

FACILITY NAME		STREET NAME	CITY
AMERICAN TOWERS - SAN BRUNO T6, CA - SITE #8247	500	Radio	BRISBANE
AMERICAN TOWERS - SAN BRUNO T4, T5, CA - SITE #8245, #8246	375	Radio	BRISBANE
AMERICAN TOWERS - SAN BRUNO T1, T2, CA - SITE #8242, 8243	300	Radio	BRISBANE
AMERICAN TOWERS - SAN BRUNO T3, CA - SITE #8244	350	Radio	BRISBANE
SUNSET GARAGE, INC	150	INDUSTRIAL	BRISBANE
CUTERA	3240	BAYSHORE	BRISBANE
CAL RITE SERVICES	3785	Bayshore	BRISBANE
BEBE STORES, INC	400	VALLEY	BRISBANE
EXPEDITORS INTERNATIONAL	425	VALLEY	BRISBANE
LIPMAN MIDDLE SCHOOL	1	SOLANO	BRISBANE
FRITO LAY INC	499	Valley	BRISBANE
CAREDX INC	3260	BAYSHORE	BRISBANE
PITNEY BOWES / PSI	125	VALLEY	BRISBANE
Sprint Brisbane Switch	1	Hill	BRISBANE
J & B DELIVERY SERVICE	250	INDUSTRIAL	BRISBANE
EVANS BROTHERS	1	OLD QUARRY	BRISBANE
DOCUMENT SECURITY SYSTEMS	151	PARK	BRISBANE
KJ WOODS CONSTRUCTION	88	HILL	BRISBANE
GENERATORS UNLIMITED	285	INDUSTRIAL	BRISBANE
PREFERRED MEAL SYSTEMS, INC	211	HILL	BRISBANE
SAIGON BBQ	140	OLD COUNTY	BRISBANE
8000 MARINA BLVD	8000	MARINA	BRISBANE
GENERAL BIOSCIENCE	100	HILL	BRISBANE
BRISBANE POLICE DEPARTMENT	50	PARK	BRISBANE
DHL GLOBAL FORWARDING	99	HILL	BRISBANE
FORWARD AIR, INC	427	VALLEY	BRISBANE
HOMEWOOD SUITES BY HILTON-BRISBANE	2000	SHORELINE	BRISBANE
MV PUBLIC TRANSPORTATION	290	INDUSTRIAL	BRISBANE
MECHANO GARAGE	130	INDUSTRIAL	BRISBANE
SMART PRINTING	200	VALLEY	BRISBANE
COOL SOLUTIONS MANUFACTURING INC	178	HILL	BRISBANE
MANGIARE	8000	MARINA	BRISBANE
MANGIARE	1000	MARINA	BRISBANE
ZARC RECYCLING	115	PARK	BRISBANE
NANA KITCHEN	301	VISITACION	BRISBANE
DAISY TAQUERIA	142	OLD COUNTY	BRISBANE
MAMA MIA PIZZA	35	VISITACION	BRISBANE
J STYLE AT HOME	3890	BAYSHORE	BRISBANE
MK PIPELINES INC	3708	BAYSHORE	BRISBANE
PIT STOP AUTOMOTIVE	340	INDUSTRIAL	BRISBANE
N O D AUTO SERVICE	130	INDUSTRIAL	BRISBANE
LAKE ST BOOSTER PUMP STATION	75	GLEN	BRISBANE
NORTH HILL BOOSTER PUMP STATION	80	NORTH HILL	BRISBANE
GLEN PARK BOOSTER PUMP STATION	940	HUMBOLDT	BRISBANE
GOLDEN ASTER BOOSTER PUMP STATION	50	GOLDEN ASTER	BRISBANE
CHRISTYS DONUT	138	OLD COUNTY	BRISBANE
DOUBLETREE HOTEL SAN FRANCISCO AIRPORT NORTH	5000	SIERRA POINT	BRISBANE
SUBWAY	150	OLD COUNTY	BRISBANE

C.4.b.iii.(2)
Facilities Scheduled for Inspeciton in FY14-15

FACILITY NAME	SITE ADDRESS	Inspection Due Date	Inspection Frequency
EVANS BROTHERS	1 OLD QUARRY RD		3090
ZARC RECYCLING	115 PARK LN		3090
MECHANO GARAGE	130 INDUSTRIAL		3090
N O D AUTO SERVICE	130 INDUSTRIAL WY UNIT B		3090
LE GOURMET	150 N HILL DR STE 11A		3090
COOL SOLUTIONS MANUFACTURING INC	178 W HILL PL		3090
SMART PRINTING	200 VALLEY DR 16		3090
BRISBANE COMMUNITY CENTER	250 VISITACION AVE		3090
PIT STOP AUTOMOTIVE	340 INDUSTRIAL WY		3090
MK PIPELINES INC	3708 BAYSHORE AVE		3090
VWR INTERNATIONAL, INC.	3745 BAYSHORE BLVD		3090
J STYLE AT HOME	3890 BAYSHORE BLVD		3090
P & F DISTRIBUTORS	511 TUNNEL AVE		3090
VAN ARSDALE HARRIS LUMBER CO	595 TUNNEL AVE		3090
GOLDEN STATE LUMBER	601 TUNNEL AVE		3090
DHL GLOBAL FORWARDING	99 S HILL STE B		3090
SFPP, LP	950 TUNNEL RD	6/28/2013	3090
GENERATORS UNLIMITED	285 INDUSTRIAL WY	9/6/2013	3090
Sprint Brisbane Switch	1 W HILL DR	9/13/2013	3090
BAYSHORE SANITARY DISTRICT	36 INDUSTRIAL	9/14/2013	3090
TIGERS AUTO BODY & PAINT	23 INDUSTRIAL WY	9/15/2013	3090
BAYPORTER EXPRESS INC	27 INDUSTRIAL WY	9/20/2013	3090
DAVEY TREE EXPERT CO		9/20/2013	3090
LAZZARI FUEL COMPANY	11 INDUSTRIAL WY	9/27/2013	3090
J & B DELIVERY SERVICE	250 INDUSTRIAL WY	9/27/2013	3090
2000 SIERRA POINT PARKWAY LLC	2000 SIERRA POINT	10/4/2013	3090
8000 MARINA BLVD	8000 MARINA BLVD	10/4/2013	3090
RECOLOGY SUNSET SCAVENGER	TUNNEL & BEATTY RD	10/14/2013	3090
EXPEDITORS INTERNATIONAL	425 VALLEY DR	10/18/2013	3090
FORWARD AIR, INC	427 VALLEY DR	10/18/2013	3090
LINCOLN BROADCASTING / KTSF	100 VALLEY DR	10/26/2013	3090
PREFERRED MEAL SYSTEMS, INC	211 S HILL DR	10/31/2013	3090
PITNEY BOWES / PSI	125 VALLEY DR	11/1/2013	3090
UNIPART LOGISTICS	422 VALLEY	11/8/2013	3090
SUPERTECH AUTOBODY	370 INDUSTRIAL WY	11/15/2013	3090
CAL RITE SERVICES	3785 BAYSHORE BLVD	11/16/2013	3090
F W SPENCER MECHANICAL CONTRACTORS	99 S HILL DR	11/17/2013	3090
BIRITE FOODSERVICE	123 S HILL DR	11/22/2013	3090
STATUE FACTORY, LLC	10 INDUSTRIAL WY	12/15/2013	3090
L & D TRUCK REPAIR	374 INDUSTRIAL WY	12/19/2013	3090
DOCUMENT SECURITY SYSTEMS	151 PARK LN	1/31/2014	3090
ACME SCENERY CO	100 INDUSTRIAL WY	2/28/2014	3090
ALLIED ROPES COMPANY	171 INDUSTRIAL WY	2/28/2014	3090
V & A AUTO REPAIR STATION	2800 BAYSHORE BLVD	3/12/2014	3090
A R GROTH CO., INC	200 VALLEY DR 53	3/15/2014	3090
FONG BROS PRINTING INC	320 VALLEY DR	3/22/2014	3090
KNTV TELEVISION INC	900 RADIO RD	3/29/2014	3090
GENERAL BIOSCIENCE	100 N HILL DR 14	4/19/2014	3090
AIRCRAFT TECHNICAL PUBLISHERS	101-111 S HILL DR	4/20/2014	3090
FAMCO INDUSTRIES	100 N HILL 6	4/24/2014	3090
AXEL ISACKSON FLOOR CO	100 N HILL DR #36	5/3/2014	3090

ATTACHMENT 4–3

C.4.b.iii.(2)
Facilities Scheduled for Inspeciton in FY14-15

FACILITY NAME	SITE ADDRESS	Inspection Due Date	Inspection Frequency
MV PUBLIC TRANSPORTATION	290 INDUSTRIAL WY	6/25/2014	3090
MANGIARE	1000 MARINA BLVD STE 108	7/18/2014	3090
SEVEN MILE HOUSE SPORTS BAR & GRILL	2800 BAYSHORE BLVD	7/18/2014	3090
MANGIARE	8000 MARINA BLVD FLR 1ST	7/18/2014	3090
LUCKY HOUSE	148 VISITACION AVE	7/24/2014	3090
MELISSAS TAQUERIA	160 VISITACION AVE	7/24/2014	3090
FRATERNAL ORDER OF EAGLES	185 VISITACION AVE	7/24/2014	3090
DAISY TAQUERIA	142 OLD COUNTY RD	9/13/2014	3090
LIPMAN MIDDLE SCHOOL	1 SOLANO ST	9/26/2014	3090
STAR BOX FOOD	33 VISITACION AVE	9/26/2014	3090
JULIES BRISBANE LIQUOR & DELI	45 VISITACION AVE	9/26/2014	3090
BRISBANE SCHOOL DIST	500 SAN BRUNO AVE	9/26/2014	3090
TERIYAKI HOUSE	114 OLD COUNTY RD	10/31/2014	3090
MADHOUSE COFFEE	400 VISITACION	11/6/2014	3090
BRISBANE MARINA	400 SIERRA POINT PKWY	11/8/2014	3090
CAREDX INC	3260 BAYSHORE BLVD	11/13/2014	3090
BRISBANE CORPORATION YARD	1020 TUNNEL AVE	11/16/2014	3090
BRISBANE COMMUNITY POOL	2 SOLANO	11/16/2014	3090
MACHINERY & EQUIPMENT CO	3401 BAYSHORE BLVD	11/19/2014	3090
CUTERA	3240 BAYSHORE BLVD	12/6/2014	3090
NANA KITCHEN	301 VISITACION AVE	12/10/2014	3090
DOLBY LABORATORIES	175 S HILL DR	12/12/2014	3090
BRISBANE RECYCLING CO INC	5 BEATTY RD	12/13/2014	3090
INTERMUNE, INC	3260-80 BAYSHORE BLVD	12/20/2014	3090
BRISBANE POLICE DEPARTMENT	50 PARK PL	1/18/2015	3090
SUNSET GARAGE, INC	150 INDUSTRIAL WY	2/14/2015	3090
SAIGON BBQ	140 OLD COUNTY RD	2/26/2015	3090
AMERICAN TOWERS - SAN BRUNO T1, T2, CA - SITE #8242, 8243	300 RADIO RD	2/26/2015	3090
AMERICAN TOWERS - SAN BRUNO T3, CA - SITE #8244	350 RADIO RD	2/26/2015	3090
AMERICAN TOWERS - SAN BRUNO T4, T5, CA - SITE #8245, #8246	375 RADIO RD	2/26/2015	3090
AMERICAN TOWERS - SAN BRUNO T6, CA - SITE #8247	500 RADIO RD	2/26/2015	3090
AMERICAN TOWERS - SAN BRUNO T8, T9, CA - SITE #8249, #8250	600-700 RADIO RD	2/26/2015	3090
MIDTOWN MARKET	249 VISITACION AVE	3/6/2015	3090
BRISBANE INN	50 VISITACION AVE	3/11/2015	3090
FRITO LAY INC	151 W HILL PL	3/19/2015	3090
FRITO LAY INC	499 VALLEY DR	3/19/2015	3090
BEBE STORES, INC	400 VALLEY DR	3/22/2015	3090
MAMA MIA PIZZA	35 VISITACION AVE	4/23/2015	3090

Inspection Frequency: 3091 = annual; 3090 = every two years; 3095 = every 5 years (shared property with other regulated facilities)

BUSINESS NAME	ST #	ST NAME
ABC MANUFACTURERS	200	VALLEY DR #47
AC CALDERONI & COMPANY INC	99	NORTH HILL DR
ALBERT CHAPARRO	665	SAN BRUNO AVE
ALBERT MAHER	675	SAN BRUNO AVE
ALI H ESEIFAN	71	THOMAS AVE
ALL STAR JANITORIAL SERVICES	35	SAN BRUNO AVE #8
ALPINE VENDING CO	200	VALLEY DR #52
ALYCE N CARDINALE	100	SAN BRUNO AVE
AMEN CLINC INC	1000	MARINA BLVD SUITE 100
AMES FINE FOODS INC	300	INDUSTRIAL WAY
AM/PM Logistics		
ARCADIA WOODCRAFT	219	SAN BENITO RD
ARTHUR COURT DESIGNS INC	25	PARK PL/60 PARK PL
ARTHUR MCCAUGHEY ELECTRIC	637	SAN BRUNO AVENUE
ARTHUR'S PLUMBING	350	ALVARADO ST
ATARA THERAPEUTICS INC	3260	BAYSHORE BLVD
Atlantis Auto		
a t & t Mobility		
BAKE EXPRESS INC	95	PARK LN
BAKERS OF PARIS INC	99	PARK LN
BAKERY VENTURE GROUP INC	200	VALLEY DR #23
Baylands Soil Processing		
Big Apple		
Brisbane Elementary School		
BRISBANE HARDWARE & SUPPLY INC	1	VISITACION AVE
BUILDING MAINTENANCE	44	VISITACION AVE #103
Cantera Construction		
Carmel Kabash		
CHRISTOPHER WELLS CONSTR INC	100	NORTH HILL DR #20
CITY HOUSE CLEANING	71	THOMAS AVENUE #1
D&A Builders		
DALE CONWAY & SONS CONSTR	255	ALVARADO ST
Datalok		
DETTMER CONSTRUCTION	77	PLUMAS ST
DRY CLEANERS &SUPER LAUNDROMAT	0	160-174 OLD COUNTY ROAD
EAGLE REFRIG & HEATING INC	200	VALLEY DR #42
El Ranchito		
FEDEX TRADE NTWKS TRANS BROKRG	50	CYPRESS LN
FRESCA ITALIA	107	PARK LANE
G. Pucci & Sons		
Golden West Specialty Foods		
GUISEPPE RUGGIERO	31	THOMAS AVE
HECNY TRANSPORTATION INC	150	NORTH HILL #1
HERRING & ROBINSON	100	NORTH HILL DR #5
ISABEL S ARROSPIDE BLDG MAINT	0	PO BOX 74
JOHN LA DUCA	41	THOMAS AVE
K&P JOAN SUEN INC	200	VALLEY DR #25
KAM LEE YUEN TRADING CO INC	3775	BAYSHORE BLVD
KAMAL TAJ-ELDIN	733	SAN BRUNO AVE
KANG'S HOME CORPORATION	100	OLD COUNTY RD STE D
KEITH MCELROY	49	JOY AVE #C
Kizan International/Louis Rapahel		
KUEHNE + NAGEL INC	150	WEST HILL PL
LANA FLOOR COVERING	100	NORTH HILL DR #7
LEEMAH ELECTRONICS INC	155	SOUTH HILL DR
LETTIERI & CO LTD	120	PARK LN
LLOYD'S	146	OLD COUNTY RD
Lyon Medical Construction		
M&S CENTRAL WAREHOUSE	170	WEST HILL PL
MAINTAINED BOATS	0	PO BOX 613
MGC INC DBA MISSION GLASS CO	200	VALLEY DR #17
Mission Glass Company		
MONSTER INC	455	VALLEY DR
MY CAR GUY INC	200	VALLEY DR #13
NANCY COLMAN	224	MONTEREY STREET
NEW CENTURY ROOFING/SHEET MTL	21	INDUSTRIAL WAY
NEW TIME GARMENT MFG INC	165	VALLEY DR
Next Style LLC		
NINA BIOTHERAPEUTICS INC	3260	BAYSHORE BLVD
NISHIMOTO TRADING CO LTD	340	VALLEY DR
NORMAN WRIGHT MECHANICAL EQUIP	99A	SOUTH HILL DR
ORES PROPERTIES	398	KLAMATH STREET
PACIFIC COAST MAT & MATTING CO	44	VISITACION AVE #202
PACIFIC GOURMET INC	380	VALLEY DR
PAGE ONE AUTOMOTIVE	211	SOUTH HILL DR SUITES D E F
PARKVIEW DENTAL LABORATORY	200	VALLEY DR #29
PENINSULA REAL ESTATE & MGT CO	200	VALLEY DR #27
PINTA THERAPEUTICS INC	3260	BAYSHORE BLVD
PITCO FOODS	385	VALLEY DR
PG&E - 105 Park Lane		
PREPPY PUPPY	49	MARGARET RD
PRO NAILS	102-B	OLD COUNTY RD
Purcell Murray		
R&A PROPERTIES	433	VISITACION AVE/433-439 VISITACION AVE
R&H REPAIRS	161	INDUSTRIAL WAY
RAINBOW WINDOW & GLASS	3868	BAYSHORE BLVD
REALTY ASSOCIATES FUND VIII LP	1000	MARINA BLVD

ATTACHMENT 4–4

BUSINESS NAME	ST #	ST NAME
Room & Board, Inc.		
ROSEMARY HENSON	34	VISITACION AVE
RS RANDALL & CO	100	NORTH HILL DR #49
RUDOLF'S HAIRDRESSING	102	OLD COUNTY ROAD
San Bruno Apts.		
SAN FRANCISCO DIESEL ELECTRIC	374	INDUSTRIAL WAY
San Francisco Trains, Inc.		
SANTA MARIA THERAPEUTICS INC	3260	BAYSHORE BLVD
SEE'S CANDIES INC	430	VALLEY DR
SERVPRO OF THE SUNSET	200	VALLEY DR #50
SF Chronicle Brisbane Distribution Center		
SFO APPAREL	41	PARK PL/185 VALLEY DR
SHENG KEE OF CALIFORNIA INC	201	SOUTH HILL DR
SHOKER PROPERTIES LLC	21	THOMAS
SIERRA PT MOBILE HOME PARK LLC	3800	BAYSHORE BLVD
SIGHTLIFE	150	NORTH HILL DR #23
Silk Botanica/True Life Botanica		
SL CONSTRUCTION INC	100	NORTH HILL DR #22
SPRINT SPECTRUM LP	1	WEST HILL DR
STAGE II DESIGN & PRODUCTION	60	INDUSTRIAL WAY
STAR CITY MOTORS	100	NORTH HILL DR #48
STAR CITY SALON	349	VISITACION AVE
STELLAR PLUMBING	23	SAN BRUNO AVENUE
STEVE GOTELLI PLUMBING INC	100	NORTH HILL DR #44
SUE COCHRAN CONSTRUCTION	75	SIERRA POINT RD
Thomas View Apts.		
THOMAS WILLIAMS	420	VISITACION AVENUE
THUNDERBIRD CARPET & TILE	249	KLAMATH STREET
TOM STUCKY PLUMBING	209	TRINITY RD
TOWNE AIR FREIGHT LLC	499	VALLEY DR
TRIGONIS CONSTRUCTION	1142	HUMBOLDT RD
TRILLIUM GRAPHICS	91	PARK LN
TRM 4TH AVE C/O COLLANTES RLTY	180	WEST HILL PL
Type One Motors		
UBM		
VILLA VISITATION APARTMENTS	141	SAN FRANCISCO AVE
WAH-I HONG CORPORATION	200	VALLEY DR #32
WILLIAMS-SONOMA INC	435	VALLEY DR
X PEST INC	100	NORTH HILL DR #40
YM & Ambition		

Complaint/Spill/Discharge Tracking Spreadsheet

City of Brisbane

MRP Requirements *The MRP's Provision C.5.f requires the following: "All incidents or discharges reported to the complaint/spill system that might pose a threat to water quality shall be logged to track follow-up and response through problem resolution. The data collected shall be sufficient to demonstrate escalating responses for repeat problems, and inter/intra-agency coordination, where appropriate."*

Purpose: The purpose of this spreadsheet is to provide an example "water quality spill and discharge complaint and follow up" tracking method for the San Mateo Countywide Clean Water Program's agencies to use.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
Complaint Information																			**Investigation Information**															**Follow Up Information**								
Date and Time of Complaint Receipt		**Source of Complaint** Enter "1" for source of complaint			**Location**	**Problem Status**		**Type of Pollutant(s)** Enter "1" for each type reported													**Type of Pollutant(s)** Enter "1" for each type found															**Type of Enforcement** Enter "1" for each type issued					**Response Times** Enter number of days				
Date of Complaint	Time of Complaint	Public	Another Public Agency	Own Agency Staff	Address of Spill/Discharge or Physical Description of Incident's Location	Enter "1" if reported as actual discharge	Enter "1" if reported as potential discharge	Construction Materials	Food Wastes	Industrial Wastes	Litter and/or Debris	Paint	Sediment and/or Silt	Sewage	Vehicle Fluids	Washwaters	Yard Wastes	Other	Date Investigation Started	Time Investigation Started	Construction Materials (debris, concrete, slurry)	Food Wastes	Industrial Wastes	Litter and/or Debris	Paint	Sediment and/or Silt	Sewage	Vehicle Fluids (antifreeze, fuel, oil)	Washwaters (vehicle, building, sidewalk cleaning)	Yard Wastes	Other	Enter "1" if Discharge Entered Storm Drain and/or receiving water	Evidence of discharge but did not reach storm drain and/or Receiving Water	Nothing Found to Abate Enter "1" if there is nothing needing abatement	None	Level 1: Verbal Notice/Verbal Warning	Level 2: Written Warning/ Notice of Violation	Level 3: Notice to Comply	Level 4: Legal Action	Call to Investigate	Investigate to Abate	Call to Abate	Enter "1" if Resolved in Timely Manner	NOTES
07/23/13	1430			1	147 Lake St	1						1							7/23/13	1551					1						1							1					1		1	Discharge observed by PW city crews, paint collected from catch basin, cleanup costs paid by discharger.
12/24/13	1100	1			Lake Street		1								1				12/24/13	1130							1					1						1					1		1	Neighbor reports leaking oil from parked vehicle. Cease and Desist Order placed on windshield. BPD engaged within 3 days. Owner finally sells vehicle.

ATTACHMENT 5-1

Summary Discharge Information

Number of discharges reported	2
Number of discharges reaching storm drains and/or receiving waters	1
Number of discharges resolved in a timely manner	2
Percentage of discharges resolved in a timely manner	100%

Summary of Types of Pollutants Discharged

	Const. Mat.	Food Wastes	Ind. Wastes	Litter/Debris	Paint	Sed./Silt	Sewage	Vehicle Fluids	Washwaters	Yard Wastes	Other	Total
Number	0	0	0	0	1	0	0	1	0	0	0	2
Percentage	0%	0%	0%	0%	50%	0%	0%	50%	0%	0%	0%	

Summary of Sources of Complaints

	Public	Another Public Agency	Own Public Agency	Total
Number	1	0	1	2
Percentage	50%	0%	50%	

ATTACHMENT 9-1

www.ecowisecertified.org

Integrated Pest Management

CERTIFICATE OF COMPLETION

Pestec

San Francisco, CA

has successfully completed the requirements for

EcoWise Certified Service Provider

on

May 15, 2012

Certification expires on ***May 14, 2015***

Certificate No. C-1
(verify at www.ecowisecertified.org)

Cell Scandone
Senior Regional Planner
Association of Bay Area Governments

Administered by
Association of Bay Area Governments
www.abag.ca.gov

William Quarles
Program Manager
EcoWise Certified

www.ecowisecertified.org

Integrated Pest Management

CERTIFICATE OF COMPLETION

Alejandro Silva

has successfully completed the requirements for

EcoWise Certified Practitioner

on

August 23, 2013

Certificate Expires on August 23, 2016

Certificate No. C-16
(verify at www.ecowisecertified.org)

Ceil Scandone
Senior Regional Planner
Association of Bay Area Governments

Administered by
Association of Bay Area Governments
www.abag.ca.gov

William Quarles
Program Manager
EcoWise Certified

About EcoWise

Who We Are

EcoWise Standards

Guiding Principles download as pdf (1 p.)

Steps to be Certified (21 pp. pdf)

Quick Summary of Steps download as pdf (2 pp.)

Application Forms

Sample Practice Exam (2 pp.)

Exam Study Guide (28 pp.)

IPM Service Forms

Materials Criteria/Examples (download pdf - 8 pp.)

Home

EcoWise Certified IPM Service Providers

Ecowise Certified Service Providers employ at least one certified practitioner on staff and have demonstrated through field audits and service record reviews that they are offering IPM services that meet EcoWise Certified standards.

EcoWise Certified Service Providers can manage ants, roaches, flies, spiders, rodents, stinging insects, bed bugs and many other pests

Note: EcoWise Certification does not cover termites or other wood destroying organisms.

NORTHERN CALIFORNIA

Applied Pest Management
2425 Sonoma Blvd.
Vallejo, CA 94590
(800) 244-1176
www.appliedpestmgt.com

Ashford Pest Control
181 Yachtsman Drive
Vallejo, CA 94591
(707) 643-6507
www.ashfordpestcontrol.com

ATCO Pest Control
P.O. Box 2531
Novato, CA 94958
(415) 898-2282
atcopestcontrol.com

Orkin Commercial Services Branch
San Francisco Bay Area
3095 Independence Drive, #C
Livermore, CA, 94551
(925)373-2555
www.orkin.com

Pestec- Antioch
PO Box 2393
Antioch, CA 94112
(925) 757-2945
www.pestec.com

Pestec- San Francisco
1555 Yosemite Avenue, Suite 46
San Francisco, CA 94124
(415) 671-0300
www.pestec.com

Western Exterminator
1611 Terminal Avenue
San Jose, CA 95712
(408) 436-6555
www.west-ext.com

SOUTHERN CALIFORNIA

Hearts Pest Management, Inc.
11315 Rancho Bernardo Rd. Ste. 149

Team Too Termite & Pest Control
1804 Evergreen St.

Team Too Termite & Pest Control
1848 Capital Street
Corona, CA 92880
(800) 818-8326
www.teamtoo.com

Team Too Termite & Pest Control
9360 Activity Road
San Diego, CA 92126
(800) 818-8326
www.teamtoo.com

Western Exterminator
311 N Crescent Way
Anaheim, CA 92801
(714) 239-2800
www.west-ext.com

EcoWise Certified IPM Practitioners

Congratulations! Listed below are PCOs that have passed the EcoWise Certified exam demonstrating their IPM knowledge and training.

Carlos Agurto
Luis Agurto, Jr.
Pierre Alcutt
Jesse Andrade
Jay Arey
Eugene H. Bassett
Jeffery Baerwald
Gabriel Bedell
Robert Bergman
Craig Bethune
Brent Bonner
Mark Bradley
Ryan Brehm
Michael Brownell
Harold Burrow

Zachary Burrows
Ray Cabug III
Bruce Calhoun
Ingrid Carmean
John Chi
Aaron Carpenter
Brittany Clark
Spence Clingan
David Cole
Noel A. Columna
Scott Conner
Juan Cornelio
Bob Corrado
Anthony Cortez
Chris Cowen
Bill Cress
Loran Davis

William Denison
Brock Dewey
Gavin Dillon
Greg Dorman
Phan Duc
Greg D. Dunn
Josh Esposito
Richard Estrada
Josh Fleenor
Nick Fowler
Gregory Fox
Robin Fragosa
Jason Fritz

Tim Garcia
Keenan Gibson
Steven Golisch
Jeff Goss
Ron Hall
Dale Hamilton
Raymond Harvey
Jodie E. Hembree
Floyd Henderson
Bryan Houtchens
Dave Howard
Dale R. Ingold
Andrew W. Jackson
Gerald Jewell
Joseph M. Jurancich

Chris Kalsbeek
Robert Keaton, Jr.
Kevin Kellough
Mike Kobus
Steve Kristick
Denis LeBreton
Robert Livingston
Derek Lobo
Herminio Lopez
Sam Makhani
Angelito Marquez
Bill Mashek
Daniel Mathat
Richard Mayer
Donald McComb
Scott McDonough
Dave Meacham

Richard Mercado
Shaun Miller
Fred Mobley III
Dan Mulhern
Chris Musser
Arym Nicdao
Angela O'Brien
Mike Olander
Alfred Olson
Pari Pachamuthu
Joel Pangilinan
Tony Papagna
Paul Parish

Sam Pavone
Chuck Payton
Antonio Perez, Jr.
Patrick Powers
Justin Quiroz
Patrick Ray
Stephanie Rodriguez
David Roe
Brian Romani
Kamal (Ken) Sahney
Daniel Salazar
Andrew Sanchez
George Santiago
Eric Schmitt
Debbie Scott

William Seniff
Joseph Shiloh
David Shouger
Armando Silva
Chris Smith
Joseph Spencer
Michael Swetnam
Jim Tassano
George Tomelloso
Raymond Troberg
Tim Turnbull
Anthony Ugalde
Sing Gine Wang
Michael A. Ware
Gerry Weitz
Eric Werner
Donald Wicks

Randal Williams
Tom Wisely
Tom Wisely Jr.
Ryan Wheeler
Keith Willingham
Phil Witten
Richard Zerbini
Randy Zopf

Benjamin Garcia	Sid Parrish
Christopher Garcia	Jeremiah Patin

The businesses they represent are on their way to becoming EcoWise Certified Service Providers and will be listed above as their businesses complete their certification process.

Certificate of Recycling

Issued To:

City of Brisbane Public Works Dept

50 Park Lane

Brisbane, CA 94005

Attn: Diane Cannon

Hg

This document certifies that the attached list of Universal Waste was received on August 7, 2014 for recycling by Quick Light Recycling.

All referenced material has been recycled or will be recycled in accordance with all applicable Federal, State, and Local Laws and Regulations.

Issued By:

Quick Light Recycling, LLC
P.O. Box 34
Brisbane, CA 94005

Quick Light Recycling
www.quicklightrecycling.com

Material Type	Material	Quantity
WT-1	1' to 4' Straight Fluorescent	1 + 35 EA
WT-2	5' to 8' Straight Fluorescent	77 EA
Bulb	Metal halide, HID, U-bent, Halogen, Incandescent, CFL	~121 EA
Battery	Mixed Battery	318 LBS
Lbs	Broken glass	
Electronics	Mixed Electronic Waste	
Ballast	Non-PCB Ballasts	

This is to certify that the above referenced material has been accepted by Quick Light Recycling, LLC. Quick Light Recycling acknowledges receipt of all referenced material and certifies that all materials have been recycled or will be recycled in accordance with all applicable Federal, State, and Local Laws and Regulations.

WT-1	Holds either 410 T8s or 190 T12s
WT-2	Holds either 190 T8s or 90 T12s
WT-6	Holds either 190 T8 or 90 T12s

Quick Light Recycling
www.quicklightrecycling.com