



September 15, 2015

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 2014/15 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 2014/15 and related accomplishments.

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

Sincerely,

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

Encl: Certification Statement  
FY 2014/2015 Annual Report  
Appendix

**CITY OF BRISBANE  
FY 2014/15 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.  
Director of Public Works/City Engineer

September 15, 2015

**FY 2014-2015 Annual Report**  
**Permittee Name: CITY OF BRISBANE**

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Section 1 – Permittee Information

Background Information				
<b>Permittee Name:</b>	City of Brisbane			
<b>Population:</b>	4,282 (2010 Census)			
<b>NPDES Permit No.:</b>	CAS612008			
<b>Order Number:</b>	R2-2009-0074R			
<b>Reporting Time Period (month/year):</b>	July 2014 through June 2015			
<b>Name of the Responsible Authority:</b>	Randy Breault	<b>Title:</b>	Director of Public Works/City Engineer	
<b>Mailing Address:</b>	50 Park Place			
<b>City:</b>	Brisbane	<b>Zip Code:</b>	94005	<b>County:</b> San Mateo
<b>Telephone Number:</b>	415.508.2131	<b>Fax Number:</b>	415.467.5547	
<b>E-mail Address:</b>	rbreault@ci.brisbane.ca.us			
<b>Name of the Designated Stormwater Management Program Contact (if different from above):</b>	Shelley Romriell	<b>Title:</b>	Administrative Assistant	
<b>Department:</b>	Public Works			
<b>Mailing Address:</b>	50 Park Place			
<b>City:</b>	Brisbane	<b>Zip Code:</b>	94005	<b>County:</b> San Mateo
<b>Telephone Number:</b>	415.508.2128	<b>Fax Number:</b>	415.467.5547	
<b>E-mail Address:</b>	sromriell@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 14-15 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.

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

Comments:

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.

<b>Y</b>	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
<b>Y</b>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

**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.

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

Comments:

**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.

**C.2.d. ► Stormwater Pump Stations**

Does your municipality own stormwater pump stations:  Yes  No

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

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

Pump Station Name and Location	First Inspection Dry Weather DO Data		Second Inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
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

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

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

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

C.2.f. ► Corporation Yard BMP Implementation			
Place an <b>X</b> in the boxes below that apply to your corporations yard(s):			
<b>N/A</b>	We do not have a corporation yard		
<b>N/A</b>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit		
<b>X</b>	We have a <b>Stormwater Pollution Prevention Plan (SWPPP)</b> for the Corporation Yard(s)		
Place an <b>X</b> in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type <b>NA</b> 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:			
<b>X</b>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment		
<b>X</b>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system		
<b>X</b>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method		
<b>X</b>	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		
<b>X</b>	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments: <b>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.</b>			
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)	6/15/15	Good Housekeeping - 2 storm drain inlets need new labels. Fuel Dispensing - new "no smoking" placard needed Con-ex box needs labels on all sides to identify contents.	Con-ex box used for New and waste oil needs placards on all sides to identify contents, new "flows to bay" badges needed on 2 storm drain inlets, new "no smoking within 50 feet" sticker on fuel enclosure.
Brisbane Corporation Yard	6/26/15	Follow up inspection from 6/18/15. New "drains to bay"	No follow up action required

(City Staff Inspection)		labels have been installed on storm drain inlets, new "no smoking within 50 feet" sign was posted on fuel enclosure, and con-ex box has new labels on all sides. Overall, the corporation yard is well maintained and organized.	
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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:

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

**The C.3 New Development and Redevelopment section of the SMCWPPP FY 14-15 Annual Report includes a description of activities conducted at the countywide or regional level.**

**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, 246 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
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Comments (optional): **N/A**

**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, 2015 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
<p>If you answered "Yes" to either question,                  1) Complete Table C.3.e.vi .below.                  2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.</p> <p><b>No applications were received or granted for potential special projects.</b></p>				

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

<p>(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information.</p> <p><b>This jurisdiction conducted inspections on two sites with stormwater treatment systems during this reporting period, 246 and 275 Valley Drive. The four treatment units at 246 Valley Drive were newly installed during this 2014-2015 reporting period. The treatment unit at 275 Valley Drive was installed and reporting during the 2013-2014 reporting period. These are the only C.3 regulated treatment systems located within this jurisdiction.</b></p> <p><b>See Appendix Attachment 3.1 C.3.h.iv "Stormwater treatment BMP O&amp;M Verification Inspection Report Forms"</b></p>
<p>(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.</p> <p>Summary:  <b>There were no problems encountered to compare to the previous year.</b></p> <p><b>The new treatment units at 246 Valley Drive were properly installed the previously installed unit at 275 Valley Drive was inspected and was found to be operating as intended. Staff will continue inspections as required for future comparison.</b></p>

**(3)** On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:  
**The O&M program is sufficient. Given only two sites, with 5 regulated treatment units in Brisbane, and a limited number of projected sites, there are no changes to the prioritization anticipated. Staff will continue to 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? <sup>3</sup>	X	Yes		No		Not applicable. No treatment measures
• Inspect at least 20 percent of the total number of installed vault-based systems?		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:  
 Brisbane is using the BASMAA prepared standard specifications in fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. Brisbane has instituted local procedures and forms/checklists to require all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i. We are using the following BASMAA products for C.3.i implementation:

- BASMAA's site design fact sheets
- The SMCWPPP Stormwater Checklist for Small Projects ([www.flowstobay.org/newdevelopment#forms](http://www.flowstobay.org/newdevelopment#forms))
- C.3.i guidance provided by the countywide program

<sup>3</sup>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 <sup>10</sup> , Street Address	Name of Developer	Project Phase No. <sup>11</sup>	Project Type & Description <sup>12</sup>	Project Watershed <sup>13</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>14</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>15</sup>	Total Pre- Project Impervious Surface Area <sup>16</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>17</sup> (ft <sup>2</sup> )
<b>Private Projects</b>											
246 Valley Drive – B.P. 13-1029-28	246 Valley	DCT Valley Drive CA LP	NA	<b>Redevelopment:</b> Interior tenant improvement of an existing warehouse, plus repaving rear yard parking area and widening entry driveways.	Southern	5.8	0.81	1,350	31,791	216,167	217,517
<b>Public Projects</b>											
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments: <b>None</b>											

<sup>10</sup>Include cross streets

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

<sup>12</sup>Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

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

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

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

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

<sup>17</sup>For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Application Deemed Complete Date <sup>18</sup>	Application Final Approval Date <sup>19</sup>	Source Control Measures <sup>20</sup>	Site Design Measures <sup>21</sup>	Treatment Systems Approved <sup>22</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>23</sup>	Hydraulic Sizing Criteria <sup>24</sup>	Alternative Compliance Measures <sup>25/26</sup>	Alternative Certification <sup>27</sup>	HM Controls <sup>28/29</sup>
<b>Private Projects</b>										
246 Valley Drive – B.P. 13-1029-28	10/29/13	10/29/13	Marked on Inlets, "No Dumping! Flows to Bay".	Minimize land disturbance and impervious surface. Direct runoff to vegetated areas.	Four (4) Flow- through Planters	Maintenance Agreement with Private Landowner	Combination Flow and Volume Design Basis	NA	NA	NA – (Exempt Area, per HM Control Area Map and less than one acre.)
Comments: <b>None</b>										

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

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

<sup>20</sup>List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

<sup>21</sup>List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

<sup>22</sup>List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

<sup>23</sup>List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

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

<sup>25</sup>For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

<sup>26</sup>For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

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

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

<sup>29</sup>If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)										
Project Name Project No.	Approval Date <sup>30</sup>	Date Construction Scheduled to Begin	Source Control Measures <sup>31</sup>	Site Design Measures <sup>32</sup>	Treatment Systems Approved <sup>33</sup>	Operation & Maintenance Responsibility Mechanism <sup>34</sup>	Hydraulic Sizing Criteria <sup>35</sup>	Alternative Compliance Measures <sup>36/37</sup>	Alternative Certification <sup>38</sup>	HM Controls <sup>39/40</sup>
<b>Public Projects</b>										
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments: <b>There were no C.3 regulated public projects within this jurisdiction for this reporting period.</b>										

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

<sup>31</sup>List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

<sup>32</sup>List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

<sup>33</sup>List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

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

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

<sup>36</sup>For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

<sup>37</sup>For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

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

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

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

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

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) <sup>41</sup>	Party Responsible <sup>42</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>43</sup>	Type of Treatment/HM Control(s) Inspected <sup>44</sup>	Inspection Findings or Results <sup>45</sup>	Enforcement Action Taken <sup>46</sup>	Comments/Follow-up
Flow-through planters/246 Valley Drive	246 Valley Drive	Yes	DCT	8/7/2014	45-day	Flow Through Planters (4 units)	Proper installation and O&M. No action needed.	N/A	To be included in future the annual inspections schedule.
Flow-through planter/ 275 Valley Drive	275 Valley Drive	Yes	Integrated Stone Resources	4/8/2015	Annual	Flow-through planter (1 unit)	Proper O&M. No action needed.	N/A	None

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

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

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

<sup>44</sup>State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

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

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

C.3.e.vi. Special Projects Reporting Table												
Reporting Period – January 1 – June 30, 2015												
Project Name & No.	Permittee	Address	Application Submittal Date <sup>47</sup>	Status <sup>48</sup>	Description <sup>49</sup>	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category <sup>50</sup>	LID Treatment Reduction Credit Available <sup>51</sup>	List of LID Stormwater Treatment Systems <sup>52</sup>	List of Non-LID Stormwater Treatment Systems <sup>53</sup>
None	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

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

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

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

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

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

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

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

<b>Program Highlights</b>
Provide background information, highlights, trends, etc.
<b>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. A significant review and revision of our Business Inspection Plan was completed in February 2014 to ensure that we are capturing all non-SMCEH inspected businesses that have the potential to cause or contribute to non-stormwater discharges.</b>
<b>Public Works staff participates in the Commercial, Industrial and Illicit Discharge (CII) Subcommittee.</b>
<b>Refer to the C.4. Industrial and Commercial Site Controls section of the SMCWPPP FY 14-15 Annual Report for a description of activities of SMCWPPP and/or the BASMAA Municipal Operations Committee.</b>
<b>2 city staff members reviewed the April 2015 "How to Conduct Stormwater Inspections" SOP of Commercial/Industrial Stormwater Inspectors.</b>

<b>C.4.b.i. ► Business Inspection Plan</b>
Do you have a Business Inspection Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>The city's Business Inspection Plan underwent an extensive update; the current version is now dated February 10, 2014.</b> <b>See Appendix Attachment 4-1 "Industrial and Commercial Business Inspection Plan"</b>

<b>C.4.b.iii.(1) ► Potential Facilities List</b>
List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.
<b>See Appendix Attachment 4-2 "C.4.b.iii.(1) Potential Facilities ACTIVE-SMCEH" and Attachment 4-3 "C.4.b.iii.(1) Business Inspections-BRS" Note that Brisbane (BRS) staff inspected all facilities on its "potential" list.</b>

<b>C.4.b.iii.(2) ► Facilities Scheduled for Inspection</b>
List below or attach your list of facilities scheduled for inspection during the current fiscal year.
<b>See Attachment 4-3 "C.4.b.iii.(1) Business Inspections-BRS" and Attachment 4-4 "C.4.b.iii.(2) Business Inspection-SMCEH".</b>

<b>C.4.c.iii.(1) ► Facility Inspections</b>		
Fill out the following table or attach a summary of the following information. Indicate your violation reporting methodology below.		
<input checked="" type="checkbox"/>	Permittee reports multiple discrete violations on a site as one violation.	
<input type="checkbox"/>	Permittee reports the total number of discrete violations on each site.	
	<b>Number</b>	<b>Percent</b>
Number of businesses inspected	189	
Total number of inspections conducted	200	
Number of violations (excluding verbal warnings)	7	
Sites inspected in violation	7	
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	7	
Comments: <b>County Environmental Health (CEH): Food and Haz Mat program inspectors and Brisbane 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 follow-up visit is conducted. For the purposes of this section of the Annual Report, Verbal Warnings are not counted as violations. Brisbane Inspectors issued 9 verbal warnings during this period.</b>  <b>SMCEH inspected 70 facilities. Brisbane Inspectors inspected 119 facilities.</b>  <b>Note that even though all violations were resolved within 10 working days, the Brisbane Inspector made multiple follow-up visits to 2 sites to ensure they remained in compliance; thus the total number of inspections is greater than the sum of businesses inspected plus sites inspected in violation.</b>		

<b>C.4.c.iii.(2) ► Frequency and Types/Categories of Violations Observed</b>	
Fill out the following table or attach a summary of the following information.	
<b>Type/Category of Violations Observed</b>	<b>Number of Violations</b>
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	0
Potential discharge and other	7
Comments: <b>Violations are counted as one per site, regardless of the actual number of discrete violations observed/recorded.</b>	

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**C.4.c.iii.(2) ▶ Frequency and Type of Enforcement Conducted**

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

	Enforcement Action (as listed in ERP) <sup>48</sup>	Number of Enforcement Actions Taken	% of Enforcement Actions Taken <sup>49</sup>
Level 1	Verbal Warning	9	56%
Level 2	Written Warning/Notice of Violation	7	44%
Level 3	Notice to Comply	0	
Level 4	Legal Action/Referral	0	
<b>Total</b>		16	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 <sup>50</sup>	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Non-hazmat, non-food	0	7

**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.**

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

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
How to Conduct Stormwater Inspections	April 2015	Independent study and review of SOP of Commercial/Industrial Stormwater Inspector SOP as updated by SMCWPPP	2	100%

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

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

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

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

<b>Program Highlights</b>
Provide background information, highlights, trends, etc.
<b>The City 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.</b>
<b>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.</b>
<b>Participated in the BASMAA Municipal Operations Committee through SMCWPPP.</b>
<b>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).</b>
<b>Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 14-15 Annual Report for description of activities at the countywide or regional level.</b>

**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: <b>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 <a href="http://www.flowstobay.org/files/mobilecleaners/2012-10mobilecleanertrifold.pdf">http://www.flowstobay.org/files/mobilecleaners/2012-10mobilecleanertrifold.pdf</a>. Staff will also respond to any public complaints regarding any</b>

**Illicit discharges.**

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.

Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 14-15 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.

**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 March 23, 2015; 8 manholes, 3 mixing basins, the Guadalupe Channel, Tunnel Avenue Channel, and Sierra Point Channel were screened. No illicit discharges were detected. City staff did locate approx. 20 yards of asphalt dumped on the shoulder of the Guadalupe Channel however it was high enough on the shore that it did not impact the channel.

**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))	6	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	1	17%
Discharges resolved in a timely manner (C.5.f.iii.(3))	6	100%

**Comments:**

City staff located a milky substance in the Guadalupe Channel which appeared to be some sort of cleaning fluid. Staff followed The City's Enforcement Response Plan (ERP) procedures to detect the source of the discharge but were unable to locate any discharge substances in the storm drains, and therefore were not able to identify the discharger. This is an ongoing investigation.

**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 C.5.f.iii.(4) Complaint/Spill/Discharge Tracking Spreadsheet

Section 6 – Provision C.6 Construction Site Controls

<b>C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals</b>		
<b>Number of High Priority Sites (sites disturbing &lt; 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)</b>	<b>Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)</b>	<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)</b>
0	4	83
<p>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.</p>		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations <sup>51</sup> excluding Verbal Warnings	% of Total Violations <sup>52</sup>
Erosion Control	0	0%
Run-on and Run-off Control	0	0%
Sediment Control	0	0%
Active Treatment Systems	0	0%
Good Site Management	0	0%
Non Stormwater Management	0	0%
<b>Total<sup>53</sup></b>	<b>0</b>	<b>100%</b>

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.

\*Excludes verbal warnings

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

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

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

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

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. Enforcement did not need to be activated beyond Level 1.

	Enforcement Action (as listed in ERP) <sup>54</sup>	Number Enforcement Actions Issued	% Enforcement Actions Issued <sup>55</sup>
Level 1 <sup>56</sup>	Verbal Warning	7	100%
Level 2	Written Warning/Notice of Violation	0	0%
Level 3	Notice to Comply (may include Administrative Citation or Stop Work)	0	0%
Level 4	Legal Action	0	0%
<b>Total</b>		<b>7</b>	<b>100%</b>

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

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

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

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

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

<b>C.6.e.iii.1.h, i ► Violation Correction Times</b>		
	<b>Number</b>	<b>Percent</b>
<b>Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)</b>	0	0% <sup>57</sup>
<b>Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)</b>	0	0% <sup>58</sup>
<b>Total number of violations (excluding verbal warnings) for the reporting year<sup>59</sup></b>	0	100%
<b>Comments:</b> NONE		

<b>C.6.e.iii.(2) ► Evaluation of Inspection Data</b>
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
<b>The single family home development on steep terrain that provided many challenges during the last two reporting periods for the developer and inspection staff was finally completed to a point prior to this rainy season that erosion and sediment control was no longer problematic.</b>

<b>C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness</b>
Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.
Description: <b>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).</b>
<b>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 3 staff members participated in the Construction Site Stormwater Inspector Training Workshop on May 5, 2015</b>

<sup>57</sup>Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

<sup>58</sup>Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

<sup>59</sup>The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions. I.e., this assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

**C.6.f ▶ Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Inspectors In Attendance	Percent of Inspectors in Attendance
Construction Site Stormwater Inspector Training Workshop	May 5, 2015	Stormwater Regulatory Landscape at Construction sites and Inspecting Construction Site BMPs,	1	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:

**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. The City also advertises and participates in Spring Clean Up events known as ‘Habitat Restoration Day’ on June 27, 2015 and “Earth Day’ on April 25, 2015 as well as Coastal Cleanup day on September 20, 2014. All events are advertised on the City’s website, Facebook page, and the SMCWPPP website www.flowstobay.org. The City also participates in the Responsible Car Wash campaign to save water and prevent pollution by advertising ½ off coupons for participating car wash companies. This was also posted on the City’s website.**

**See Section 7, Public Information and Outreach, of the SMCWPPP FY 14-15 Annual Report. In addition, the following separate report developed by BASMAA summarizes the activities of the Regional Youth Litter Campaign**

- **BASMAA Be the Street Campaign Report**

**C.7.b.iii.1 ► Pre-Campaign Survey**

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

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

Place an X in the appropriate box below:

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

**C.7.b.iii.2 ► Post-Campaign Survey**

(For the Annual Report following the post-campaign survey) Discuss the campaigns and the measurable 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:

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

**C.7.c ► Media Relations**

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

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

Summary:

**The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 14-15:**

- **BASMAA Media Relations Final Report FY 14-15**

**Media relations efforts conducted countywide are described in the C.7 Public Information and Outreach section of SMCWPPP's FY 14-15 Annual Report.**

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

Summary of any changes made during FY 14-15:

**The website for stormwater pollution is:** [http://www.flowstobay.org/bs\\_illicit\\_discharge.php](http://www.flowstobay.org/bs_illicit_discharge.php)

**The email points of contact and phone numbers provided for the City are:**

Keegan Black	<a href="mailto:kblack@ci.brisbane.ca.us">kblack@ci.brisbane.ca.us</a>	(415) 728-7986
Shelley Romriell	<a href="mailto:sromriell@ci.brisbane.ca.us">sromriell@ci.brisbane.ca.us</a>	(415) 508-2128
After hours	Department of Public Works	(415) 286-0164

**Refer to the C.7 Public Information and Outreach section of SMCWPPP's FY 14-15 Annual Report for efforts conducted by the SMCWPPP to publicize stormwater points of contact.**

<b>C.7.e ► Public Outreach Events</b>		
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		
<b>Event Details</b>	<b>Description (messages, audience)</b>	<b>Evaluation of Effectiveness</b>
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> <li>• Estimated overall attendance at the event.</li> <li>• Number of people that visited the booth, comparison with previous years</li> <li>• Number of brochures and giveaways distributed</li> <li>• Results of any spot surveys conducted</li> </ul>
<b>Brisbane Coastal Cleanup Day (Lagoon Cleanup) – September 20, 2014</b> (see Public Information and Outreach section of the SMCWPPP FY 14-15 Annual Report for details)	<b>Stormwater awareness and clean up</b>	<b>Approximately 25 people volunteered and one debris box was filled with trash (bottles, cans, paper, tissue paper)</b>
<b>San Mateo County Fair June 6-14, 2015</b> (see Public Information and Outreach section of the SMCWPPP FY 13-14 Annual Report for details)	<b>County Fair; stormwater awareness, lead and oil, toxic disposal</b>	<b>The City posted flyers at several businesses in town, on our sign board, and webpage to encourage residents to attend the fair and visit the SMCWPPP booth. Approximately 1,500 people visited the booth while it was staffed.</b>
<b>Earth Day: Habitat Restoration Day – April 25, 2015</b>	<b>Stormwater awareness and clean up. Drought tolerant and native plant educational event</b>	<b>Approximately 60 people volunteered to help fill 1 debris box of invasive plants and trash (bottles, paper). Educational materials were distributed about drought tolerant native plants.</b>
<b>Brisbane Day in the Park – October 4, 2015</b>	<b>Community Festival</b>	<b>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 &amp; storm drain awareness.</b>

Firth Canyon Clean up Day – June 27, 2015	Litter Cleanup in Firth Canyon	Approximately 25 people volunteered and filled 2/3 of a debris box with trash (bottles, cans, tissue paper) and invasive plants.
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**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 14-15 Annual Report.**

**C.7.g. ► Citizen Involvement Events**

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

Event Details	Description	Evaluation of effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> <li>• Number of participants. Any change in participation from previous years.</li> <li>• Distance of creek or water body cleaned</li> <li>• Quantity of trash/recyclables collected (weight or volume).</li> <li>• Number of inlets marked.</li> <li>• Data trends</li> </ul>
<b>Brisbane Coastal Cleanup Day (Lagoon Cleanup) – September 20, 2014</b>	<b>Stormwater awareness and clean up</b>	<b>25 volunteers and 72 square feet of garbage plcked up.</b>

(see Public Information and Outreach section of the SMCWPPP FY 14-15 Annual Report for details)		
Earth Day: Habitat Restoration Day – April 25, 2015	Stormwater awareness and clean up. Drought tolerant and native plant educational event.	Approximately 60 people volunteered to help fill 1 debris box of invasive plants and trash (bottles, paper). Educational materials were distributed about drought tolerant native plants.
Firth Canyon Cleanup Day – June 27, 2015	Litter Cleanup in Firth Canyon	Approximately 25 people volunteered and filled 2/3 of a debris box with trash (bottles, cans, tissue paper) and invasive plants.

**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) <b>A description of School-age Children Outreach efforts conducted at the countywide level by SMCWPPP is included within the Public Information and Outreach section of the SMCWPPP FY 14-15 Annual Report</b>	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.
<b>March 24, 2015: Banana Slug String Band School Assembly – Brisbane Elementary School</b>	<b>See Countywide program's Annual Report C.7 Public Information and Outreach for a description of the Banana Slug String Band outreach program.</b>	<b>225 – Brisbane Elementary School</b>	<b>N/A</b>

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 14-15, we participated through SMCWPPP in 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 through SMCWPPP and BASMAA. For additional information on monitoring activities conducted by SMCWPPP, BASMAA RMC and the RMP, see SMCWPPP's Urban Creeks Monitoring Report, which will be submitted by March 15, 2016 per MRP Provision C.8.**

Section 9 – Provision C.9 Pesticides Toxicity Controls

<b>C.9.b ► Implement IPM Policy or Ordinance</b>						
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.						
<b>Trends in Quantities and Types of Pesticides Used<sup>60</sup></b>						
<b>Pesticide Category and Specific Pesticide Used</b>	<b>Amount<sup>61</sup></b>					
	<b>FY 09-10</b>	<b>FY 10-11</b>	<b>FY 11-12</b>	<b>FY 12-13</b>	<b>FY 13-14</b>	<b>FY 14-15</b>
<b>Organophosphates</b>	0	0	0	0	0	0
<b>Product or Pesticide Type A</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Product or Pesticide Type B</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Pyrethroids</b>	0	0	0	0	0	0
<b>Product or Pesticide Type X</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Product or Pesticide Type Y</b>	n/a	n/a	n/a	n/a	n/a	n/a
<b>Carbaryl</b>	0	0	0	0	0	0
<b>Fipronil</b>	0	0	0	0	0	0

<b>C.9.c ► Train Municipal Employees</b>	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	0
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	2
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100%

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

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

<b>C.9.d ▶ Require Contractors to Implement IPM</b>			
Did your municipality contract with any pesticide service provider in the reporting year?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, attach one of the following:			
<input type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR		
<input checked="" type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR		
<input type="checkbox"/>	Equivalent documentation.		
If <b>Not attached</b> , explain:			
<p><b>The City of Brisbane verifies IPM contractor performance by hiring professionals that certify they are properly trained and use IPM.</b></p> <p><b>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 certifications.</b></p> <p><b>City staff routinely inspects/observes applicators to ensure they are complying with our IPM policy.</b></p> <p><b>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.</b></p> <p><b>Pestec was recognized as an IPM Innovator by the Department of Pesticide Regulation in 2008.</b></p> <p><b>See Appendix Attachment 9-1 "IPM Certification Provider List"</b></p>			

<b>C.9.e ▶ Track and Participate in Relevant Regulatory Processes</b>	
Summarize participation efforts, information submitted, and how regulatory actions were affected <b>OR</b> reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.	
Summary:	
<p><b>During FY 14-15, 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.</b></p>	

**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
If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary. <b>N/A</b>				

**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); <b>OR</b> reference a report of a regional effort for public outreach in which your agency participates.
Summary: <b>See the C.9 Pesticides Toxicity Control section of the SMCWPPP FY 14-15 Annual Report for information on point of purchase public outreach conducted countywide and regionally.</b>

**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); <b>OR</b> reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.
Summary: <b>See the C.9 Pesticides Toxicity Control section of the SMCWPPP FY 14-15 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.</b>

Section 10 - Provision C.10 Trash Load Reduction

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

Provide the following:

- 1) Total number and types of full capture devices (publicly and privately-owned) installed to-date;
- 2) 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); and, compare with the total required in the permit.
- 3) 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. Describe, in particular, any devices that have trash or debris overflowed, bypassed or are not functioning properly in any other manner. Describe corrective actions.

Type of Device	# of Devices	Acres Treated in FY 14-15 by Trash Generation Category				
		Low	Moderate	High	Very High	Total
Connector Pipe Screens/Filters	50	145	39	33	0	217
Low Impact Development (LID) Facilities	1 (Private)	28	0	0	3	31
Drains to Sanitary Sewer	-	1	0	0	0	1
<b>Total for all Types</b>	<b>51</b>	<b>174</b>	<b>39</b>	<b>33</b>	<b>3</b>	<b>249</b>
<b>Required by Permit</b>						<b>5</b>

**Maintenance Summary** (Describe, in particular, any devices that have trash or debris overflowed, bypassed or are not functioning properly in any other manner. Describe corrective actions).

Of our 12 TMAs, the only three that will not have FCTDs are TMA 2 (where all of the surface flow is diverted to City and County of San Francisco's combined sewer system), TMA 5 (which is a roadway without any storm drain inlets) and TMA 11 whose flows are captured by devices in adjoining TMAs. Because the conditions in TMA 2 predate the MRP, we are not claiming credit for what is effectively full trash capture.

Utilizing funding from the franchise fee increase in the new solid waste franchise agreements, over a 5-year period the city will install approximately 160 more FCTDs in TMAs 3, 4, 6, 7, 9 and 10. The same fee increase will also provide a stable, long-term revenue source for the ongoing maintenance of the FCTDs.

For FY 15-16, the City has already started installing the above mentioned 160 FCTDs. As of the date of this report, we have installed 80 of the approximately 160, for a current total of 131 FCTDs installed in the City. Starting July 8, 2015 street sweeping in commercial areas has been increased to weekly.

**FY 2014-2015 Annual Report**

**C.10 – Trash Load Reduction**

**Permittee Name: City of Brisbane**

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 14-15, 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 FY15-16 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 2014-15 to the extent possible. Also, provide additional information on creek cleanups conducted beyond those required that are used to demonstrate trash load reductions in C.10.d- Part C.

Trash Hot Spot	FY 14-15 Cleanup Date(s)	Volume of Trash Removed (cubic yards)					Dominant Type(s) of Trash in FY 2014-15	Trash Sources in FY 2014-15 (where possible)
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15		
BRI01	3/17/2015	0.2	0.3	0.02	0.03	0.02	Plastic Bags, Bottles (plastic or glass), Aluminum cans, Styrofoam, Sports balls	Litter, Trash accumulation, 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	Associated TMA
Rather than transfer the responsibility for scheduled emptying of public trash receptacles to the solid waste franchisee, the city has imposed a franchise fee increase to provide the additional funding needed for the city to maintain and appropriately deal with this responsibility.	1, 6, 7, 10, 11, 12
TMA 4 – added additional FCTDs (started FY 13/14)	4
TMA 9 – added additional FCTDs (started FY 15/16)	9
TMA 12 – after further review, the condition of this TMA does not warrant increased street sweeping.	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
<p>Single-use Plastic Bag Ordinance or Policy</p>	<p>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.</p> <p>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.</p>	<p>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.</p> <p>The City developed its % trash reduced estimate using the following assumptions:</p> <ol style="list-style-type: none"> <li>1.) Single use plastic bags comprise 8% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA;</li> <li>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</li> <li>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.</li> </ol>	<p>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.</p>	<p>A 7% reduction in the trash from stormwater discharges as a result of ordinance implementation has been assumed.</p>

Permittee Name: City of Brisbane

**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
Expanded Polystyrene Food Service Ware Ordinance or Policy	On October 2, 2014, the Brisbane City Council adopted a Polystyrene ordinance (No. 590 chapter 8.18 (Reusable Food Service Ware) prohibiting the use of Polystyrene based disposable food service ware by all food vendors.	Although the City has adopted and implemented an ordinance prohibiting the distribution of EPS food ware by food vendors, evaluations of the effectiveness of the ordinance have not yet been conducted. For the purpose of estimating trash reductions in stormwater discharges associated with the ordinance, the results of assessments conducted by the cities of Los Altos and Palo Alto were used to represent the reduction of trash associated with the City's ordinance. Assessments conducted by these cities were conducted prior to and following the effective date of their ordinances, and include audits of businesses and/or assessments of EPS food ware observed on streets, storm drains and local creeks. The results of assessments conducted by these cities are assumed to be representative of the effectiveness of the City's ordinance because the implementation (including enforcement) of the City's ordinance is similar to the City of Los Altos's and Palo Alto's.	<p>Results of assessments that are representative of the City, but were conducted by the cities of Los Altos and Palo Alto, indicate that City's ordinance is effective in reducing EPS food ware in stormwater discharges. This conclusion is based on the following assessment results:</p> <p>An average of 95% of businesses affected by the ordinance are no longer distributing/selling EPS food ware. Based on these results, the estimated average reduction of EPS food ware in stormwater discharges is 90%. Assuming EPS food ware is 6% of the trash observed in stormwater discharges, the City concludes that there has been a 5% (i.e., 6% x 90%) reduction in trash in stormwater discharges as a result of the ordinance.</p>	A 5% reduction in the trash from stormwater discharges as a result of ordinance implementation has been 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 each 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 generated very high (VH), high (H), moderate (M), or low (L) levels of trash in 2009, as depicted on trash generation maps;
- Identify the dominant trash source(s) and dominant type(s) of trash addressed or to-be addressed in the TMA;
- Provide the area currently treated by full capture devices, the quantity and type of devices installed to-date, and the % and acres of jurisdictional area in very high (VH), high (H), moderate (M), and low (L) generation categories that are currently treated by full capture devices in the TMA;
- 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 acres of jurisdictional area in very high (VH), high (H), moderate (M), and low (L) generation categories in areas associated with actions other than full capture devices in the TMA;
- 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.
- Provide the acres in VH, H, M or L generation categories after accounting for reduction associated with control measures other than full capture devices;
- Provide the acres in VH, H, M or L generation categories after accounting for reductions associated with ALL control measures (i.e., full capture and other actions) implemented to-date in the TMA
- Provide an estimate of the % of trash reduced in the TMA as a result of ALL control measures implemented to-date in the TMA. using the following formula:

$$\% \text{ Reduction} = 100 \left[ \frac{(12A_{VH(2009)} + 4A_{H(2009)} + A_{M(2009)}) - (12A_{VH} + 4A_H + A_M)}{(12A_{VH2009} + 4A_{H2009} + A_{M2009})} \right]$$

where:

- $A_{VH(2009)}$  = total amount of the 2009 very high trash generation category in jurisdictional area
- $A_{H(2009)}$  = total amount of the 2009 high trash generation category in jurisdictional area
- $A_{M(2009)}$  = total amount of the 2009 moderate trash generation category in jurisdictional area
- $A_{VH}$  = total amount of very high trash generation category in jurisdictional area in the reporting year
- $A_H$  = total amount of high trash generation category in jurisdictional area in the reporting year
- $A_M$  = total amount of moderate trash generation category in jurisdictional area in the reporting year
- 12 = Very High to Moderate weighing ratio
- 4 = High to Moderate weighing ratio
- 100 = fraction to percentage conversion factor

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) 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 off ramp) and illegal dumping.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam, Construction debris, household garbage, tires, green waste and Hazmat		<b>Baseline Generation Areas (2009)</b>	3	14	0	0
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	11	0	0	
	11	This TMA has: 11 Connector Pipe Screens/Filters.							
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	3	4	0	0	
	<ul style="list-style-type: none"> <li>Current Measures – on-land trash clean ups, illegal dumping enforcement, semi-monthly street sweeping</li> <li>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</li> </ul>			Area after Accounting for Other Actions (based on assessment results)	3	4	0	0	
	Assessment Methods for Control Measures Other than Full Capture Devices								
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal year 2014-15, the City of Brisbane conducted 11 visual assessments at 7 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 7,200 linear feet of streets and sidewalks were assessed.								
	Summary of Assessment Results								
No assessments were conducted in this TMA									
Area After Taking into Account Full Capture Devices AND Other Actions					3	4	0	11	
Estimated % Trash Reduction in this TMA					46%				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
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	Baseline Generation Areas (2009)	0	0	0	0
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	0	0	0
	0	There are no full capture devices installed in this TMA.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	0	0	0	0
	<ul style="list-style-type: none"> <li>Current Measures – semi-monthly street sweeping, code enforcement of trash bins</li> <li>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</li> </ul> NOTE: 100% of this TMA drains to the City & County of San Francisco's combined sewer system.			Area after Accounting for Other Actions (based on assessment results)	0	0	0	0
	Assessment Methods for Control Measures Other than Full Capture Devices							
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal year 2014-15, the City of Brisbane conducted 11 visual assessments at 7 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 7,200 linear feet of streets and sidewalks were assessed.							
	Summary of Assessment Results							
	No assessments were conducted in this TMA							
Area After Taking into Account Full Capture Devices AND Other Actions					0	0	0	0
Estimated % Trash Reduction in this TMA					NA (Drains to Sanitary Sewer System)			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) 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		2	2	24	0
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	0	1	0
	1	This TMA has: 3 Connector Pipe Screens/Filters.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area <u>Not</u> Treated by Full Capture Devices	2	2	23	0
	<ul style="list-style-type: none"> <li>Current Measures – semi-monthly street sweeping, reactive on-land trash clean up</li> <li>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, install additional full trash capture devices</li> </ul>			Area after Accounting for Other Actions (based on assessment results)	2	2	23	0
	Assessment Methods for Control Measures Other than Full Capture Devices							
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal year 2014-15, the City of Brisbane conducted 11 visual assessments at 7 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 7,200 linear feet of streets and sidewalks were assessed.							
	Summary of Assessment Results							
A total of 2 assessments were performed at 1 site in this TMA using the on-land visual assessment protocol in order to verify and confirm baseline generation rate along Industrial Way.								
Area After Taking into Account Full Capture Devices AND Other Actions					2	2	23	1
Estimated % Trash Reduction in this TMA					2%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) 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 Areas (2009)	3	32	0	0
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	3	22	0	0
	25	This TMA has: 9 Connector Pipe Screens/Filters.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	0	10	0	0
	<ul style="list-style-type: none"> <li>Current Measures – semi-monthly street sweeping, monthly on-land trash clean up</li> <li>Planned Measures believed to result in "full" trash reduction – weekly street sweeping, continued monthly on-land trash clean up, anti-litter enforcement by police, install additional full trash capture devices</li> </ul>			Area after Accounting for Other Actions (based on assessment results)	0	6	5	0
	Assessment Methods for Control Measures Other than Full Capture Devices							
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal year 2014-15, the City of Brisbane conducted 11 visual assessments at 7 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 7,200 linear feet of streets and sidewalks were assessed.							
	Summary of Assessment Results							
A total of 2 assessments were performed at 1 site in this TMA using the on-land visual assessment protocol. Approximately 1,000 linear feet (8%) of streets and sidewalks were assessed in this TMA. Only areas with M, H, or VH generation rates were assessed. For those areas assessed, 0% were L, 45% were M, 55% were H, and 0% were VH.								
Area After Taking into Account Full Capture Devices AND Other Actions					0	6	5	25
Estimated % Trash Reduction in this TMA					84%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) 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 Areas (2009)	0	8	0	0
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	0	0	0
	0	There are no full capture devices installed in this TMA, primarily because there are no storm drain inlets.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	0	8	0	0
	<ul style="list-style-type: none"> <li>Current Measures – reactive on-land cleanup, illegal dumping enforcement, semi-monthly street sweeping</li> <li>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</li> </ul>							
	Assessment Methods for Control Measures Other than Full Capture Devices			Area after Accounting for Other Actions (based on assessment results)	0	3	4	1
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal year 2014-15, the City of Brisbane conducted 11 visual assessments at 7 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 7,200 linear feet of streets and sidewalks were assessed.							
	Summary of Assessment Results							
A total of 7 assessments were performed at 4 sites in this TMA using the on-land visual assessment protocol. Approximately 4,100 linear feet (13%) of streets and sidewalks were assessed in this TMA. Only areas with M, H, or VH generation rates were assessed. For those areas assessed, 13% were L, 50% were M, 37% were H, and 0% were VH.								
Area After Taking into Account Full Capture Devices AND Other Actions					0	3	4	1
Estimated % Trash Reduction in this TMA					50%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types	Area (Acres) in Each Trash Generation Category				
				VH	H	M	L	
6	257	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, Construction debris, household garbage, tires, green waste and Hazmat	Baseline Generation Areas (2009)	0	3	254	0
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	0	18	0
	18	This TMA has: 6 Connector Pipe Screens/Filters.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	0	3	236	0
	<ul style="list-style-type: none"> <li>Current Measures –reactive on-land clean up, semi-monthly street sweeping</li> <li>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, install additional full trash capture devices</li> </ul>			Area after Accounting for Other Actions (based on assessment results)	0	3	236	0
	Assessment Methods for Control Measures Other than Full Capture Devices							
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal year 2014-15, the City of Brisbane conducted 11 visual assessments at 7 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 7,200 linear feet of streets and sidewalks were assessed.							
	Summary of Assessment Results							
No assessments were conducted in this TMA.								
Area After Taking into Account Full Capture Devices AND Other Actions					0	3	236	18
Estimated % Trash Reduction in this TMA					7%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types	Area (Acres) 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	0	0	64	39	
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	0	10	13
	23	This TMA has: 10 Connector Pipe Screens/Filters.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	0	0	54	27
	<ul style="list-style-type: none"> <li>Current Measures – semi-monthly street sweeping</li> <li>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, install additional full trash capture devices</li> </ul>			Area after Accounting for Other Actions (based on assessment results)	0	0	7	73
	Assessment Methods for Control Measures Other than Full Capture Devices							
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal year 2014-15, the City of Brisbane conducted 11 visual assessments at 7 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 7,200 linear feet of streets and sidewalks were assessed.							
	Summary of Assessment Results							
There are no roads available for assessment in this TMA.								
Area After Taking into Account Full Capture Devices AND Other Actions				0	0	7	96	
Estimated % Trash Reduction in this TMA				89%				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)									
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) 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 Areas (2009)	0	0	46	1
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	0	3	0	
	3	This TMA has: 3 Connector Pipe Screens/Filters.							
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	0	0	43	1	
	<ul style="list-style-type: none"> <li>• Current Measures – code enforcement management, illegal dumping enforcement</li> <li>• 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</li> </ul>			Area after Accounting for Other Actions (based on assessment results)	0	0	43	1	
	Assessment Methods for Control Measures Other than Full Capture Devices								
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal year 2014-15, the City of Brisbane conducted 11 visual assessments at 7 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 7,200 linear feet of streets and sidewalks were assessed.								
	Summary of Assessment Results								
No assessments were conducted in this TMA									
Area After Taking into Account Full Capture Devices AND Other Actions					0	0	43	4	
Estimated % Trash Reduction in this TMA					7%				

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
9	23	The dominant source of trash in this TMA is container management.	Plastic bottles, cans, food wrappers, plastic, cigarette butts, some Styrofoam	Baseline Generation Areas (2009)	0	0	21	2
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	0	2	0
	2	This TMA has: 3 Connector Pipe Screens/Filters.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	0	0	19	2
	<ul style="list-style-type: none"> <li>Current Measures – code enforcement management, semi-monthly street sweeping</li> <li>Planned Measures believed to result in "full" trash reduction – container management (and citations) transferred to solid waste franchisee, weekly street sweeping, install additional full trash capture devices</li> </ul>			Area after Accounting for Other Actions (based on assessment results)	0	0	19	2
	Assessment Methods for Control Measures Other than Full Capture Devices							
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal year 2014-15, the City of Brisbane conducted 11 visual assessments at 7 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 7,200 linear feet of streets and sidewalks were assessed.							
	Summary of Assessment Results							
	No assessments were conducted in this TMA			Area After Taking into Account Full Capture Devices AND Other Actions	0	0	19	4
			Estimated % Trash Reduction in this TMA					
					12%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) 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 Areas (2009)	0	0	15	0
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	0	1	0
	1	This TMA has: 3 Connector Pipe Screens/Filters.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	0	0	13	0
	<ul style="list-style-type: none"> <li>Current Measures – PCTD, semi-monthly street sweeping</li> <li>Planned Measures believed to result in "full" trash reduction – weekly street sweeping, install additional full trash capture devices</li> </ul>			Area after Accounting for Other Actions (based on assessment results)	0	0	13	0
	Assessment Methods for Control Measures Other than Full Capture Devices							
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal year 2014-15, the City of Brisbane conducted 11 visual assessments at 7 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 7,200 linear feet of streets and sidewalks were assessed.							
	Summary of Assessment Results							
	No assessments were conducted in this TMA							
Area After Taking into Account Full Capture Devices AND Other Actions					0	0	13	1
Estimated % Trash Reduction in this TMA					8%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) 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 Areas (2009)	0	0	4	0
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	0	1	0
	1	This TMA is partially treated by devices within neighboring TMAs. No FCTDs physically located in this TMA.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	0	0	2	0
	<ul style="list-style-type: none"> <li>Current Measures –on-land trash clean up</li> <li>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</li> </ul>			Area after Accounting for Other Actions (based on assessment results)	0	0	2	0
	Assessment Methods for Control Measures Other than Full Capture Devices							
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal year 2014-15, the City of Brisbane conducted 11 visual assessments at 7 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 7,200 linear feet of streets and sidewalks were assessed.							
	Summary of Assessment Results							
	No assessments were conducted in this TMA							
Area After Taking into Account Full Capture Devices AND Other Actions					0	0	2	1
Estimated % Trash Reduction in this TMA					39%			

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)								
TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		Area (Acres) in Each Trash Generation Category			
					VH	H	M	L
12	1,155	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, fires, green waste and Hazmat	Baseline Generation Areas (2009)	0	0	1	1155
Full Capture Devices	Area Treated by Full Trash Capture Devices (Acres)	Quantity and Type of Full Trash Capture Devices		Area Treated by Full Capture Devices	0	0	1	162
	162	This TMA has: 2 Connector Pipe Screens/Filters; 1 LID Facility.						
Actions other than Full Capture Devices	Summary Description of Other Actions Implemented in the TMA Since MRP Adoption			Area Not Treated by Full Capture Devices	0	0	0	993
	<ul style="list-style-type: none"> <li>Current Measures – monthly street sweeping</li> <li>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)</li> </ul>			Area after Accounting for Other Actions (based on assessment results)	0	0	0	993
	Assessment Methods for Control Measures Other than Full Capture Devices							
	To assess environmental outcomes associated with control measures other than full capture devices, visual on-land trash assessments were conducted using a standard on-land visual assessment protocol developed by BASMAA member agencies. For each TMA assessed, sites were selected using a probabilistic sample draw that allows for extrapolation within the applicable TMA. Sites that have been assessed more than once in this fiscal year have had their assessment results averaged. In fiscal year 2014-15, the City of Brisbane conducted 11 visual assessments at 7 sites to assess the level of trash observed on-land in priority TMAs. Through this effort, approximately 7,200 linear feet of streets and sidewalks were assessed.							
	Summary of Assessment Results							
No assessments were conducted in this TMA								
Area After Taking into Account Full Capture Devices AND Other Actions					0	0	0	1155
Estimated % Trash Reduction in this TMA					33%			

**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 receiving water cleanups not reported in C.10.b.iii.

**Discussion of Trash Reduction Estimate (Including Receiving Water Cleanups):**

The trash load reduction estimates presented in this section provide the best available estimate of trash reduction from the Town'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 and are subject to revision by the Town 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 continued through FY 14-15. 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 Town. 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 reduction 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 14-15, in comparison to baseline trash generation in the City. For creek and shoreline cleanups, the load reduction accounting formula included in the MRP 2.0 Tentative Order was modified and used. The modified formula used in the calculation includes a 3:1 offset, as opposed to the 10:1 offset proposed in the Tentative Order. Additionally, no maximum credit was incorporated into the formula used to report the percent reduction associated with "additional creek and shoreline cleanups" reported below.

Estimated % Trash Reduction due to Jurisdictional-wide Actions (as Reported in C.10.d – Part A)	12%
Estimated % Trash Reduction in All TMAs due to Trash Full Capture Devices (as Reported in C.10.d. – Part B)	27%
Estimated % Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Devices in All TMAs) (as Reported in C.10.d. – Part B)	10%
<b>SubTotal for Above Actions</b>	<b>49%</b>
Estimated % Trash Reduction due to Receiving Water Cleanups (All TMAs)	N/A
<b>Total Estimated % Trash Reduction FY 14-15</b>	<b>49%</b>

Section 11 - Provision C.11 Mercury Controls

**C.11.a.i ► Mercury Recycling Efforts**

List below or attach lists of efforts to promote, facilitate, and/or participate in collection and recycling of mercury containing devices and equipment at the consumer level (e.g., thermometers, thermostats, switches, bulbs).

Please refer to SMCWPPP's FY 2014/15 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 14-15 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.

The City collected 689 4' Fluorescent Lamps, 234 8' Fluorescent lamps, and 334 mixed bulbs with 240 of those being CFLs.

See Appendix Attachment 11-1 "Certificate of Recycling" provided by Quick Light conducting city's mercury-containing devices recycling.

Mercury Containing Device/Equipment	Total Amount of Devices Collected	Estimated Mass of Mercury Collected
Fluorescent Lamps <sup>62</sup> (linear feet)	4628 linear feet / 923 devices	4258
CFLs <sup>63</sup> (each)	240	1485
Thermostats <sup>64</sup> (each)	N/A	N/A
Thermostats (lbs)	N/A	N/A
Thermometers (each)	N/A	N/A
Switches (lbs)	N/A	N/A
<b>Total Mass of Mercury Collected During FY 2014-2015:</b>		<b>5743</b>

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

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

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

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

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

Summary

**A summary of SMCWPPP and regional accomplishments for these sub-provisions is included within the C.11 Mercury Controls section of SMCWPPP's FY 14-15 Annual Report.**

Section 12 - Provision C.12 PCBs Controls

**C.12.a.ii,iii ▶ Ongoing Training**

(For FY 10-11 Annual Report and Each Annual Report Thereafter) List below or attach description of ongoing training development and inspections for PCB identification, including documentation and referral to appropriate regulatory agencies (e.g. county health departments, Department of Toxic Substances Control, California Department of Public Health, and the Water Board) as necessary.

Description:

**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 is included within the C.12 PCBs Controls section of SMCWPPP's FY 14-15 Annual Report.**

Section 13 - Provision C.13 Copper Controls

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

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

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

Three staff members attended the SMCWPPP Construction Workshop on May 5, 2015.

See Appendix Attachment 13-1 "SMCWPPP Construction Workshop Attendance"

**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 14-15 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?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If <b>No</b> , skip to C.15.b.vi.(2):				
If <b>Yes</b> , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.				
Comments: <b>Staff participated in the State Board Implementation Workshop on the State Drinking Water System General Permit held March 6, 2015.</b>  <b>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. Please see attached reporting table for Planned and Unplanned Discharges.</b>				

**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: <ul style="list-style-type: none"> <li>• Promote conservation programs</li> <li>• Promote outreach for less toxic pest control and landscape management</li> <li>• Promote use of drought tolerant and native vegetation</li> <li>• Promote outreach messages to encourage appropriate watering/irrigation practices</li> <li>• Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.</li> </ul>
Summary: <b>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:</b> <ul style="list-style-type: none"> <li>• Tiered residential, commercial, and landscape water rates.</li> <li>• Aggressive water conservation practices for the public fields and facilities including the use of mulch, matched precipitation (MP) Rotators, and drip emitters.</li> </ul>

- 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.(2) ▶ Unplanned Discharges of the Potable Water System <sup>66</sup>														
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) <sup>67</sup>	pH (standard units) <sup>52</sup>	Discharge Turbidity (Visual) <sup>52</sup> ,	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time <sup>68</sup>	Inspector arrival time	Responding crew arrival time
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

<sup>66</sup>This table contains all of the unplanned discharges that occurred in this FY.  
<sup>67</sup>Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.  
<sup>68</sup> Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

## **Appendix**

### **Table of Contents**

<u>Section 3 - Provision C.3.h.iv. Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Reporting</u>	Attachment 3-1: Stormwater Treatment BMP O&M Verification Inspection Report Form
<u>Section 4 – Provision C.4 Industrial and Commercial Site Controls</u>	Attachment 4-1: Industrial and Commercial Business Inspection Plan Attachment 4-2: C.4.b.iii.(1) Potential Facilities Active - SMCEH Attachment 4-3: C.4.b.iii.(1) Business Inspections-BRS Attachment 4-4: C.4.b.iii.(2)-Business Inspections - SMCEH
<u>Section 5 - Provision C.5.f.iii.(4) Summary of major types of discharges and complaints</u>	Attachment 5-1: Complaint/Spill/Discharge Tracking Sheet
<u>Section 9 – Provision C.9 Require Contractors to Implement IPM</u>	Attachment 9-1: C.9.d.(1) Certification Provider List
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<u>Section 15 – Provision C.15.b.iii.(1) Planned Discharges of the Potable Water System</u>	Attachment 15-1 Planned Discharges of the Potable Water System Spreadsheet



Date: 8/7/14

Reason for Inspection:  First Inspection (required within 45 days of installation)  Routine Inspection  Response to Complaint  Follow-up  Facility has closed or Facility Information has changed:  yes  no

NAME OF FACILITY 246 Valley Drive SITE ADDRESS or APN 246 Valley Drive

CONTACT NAME \_\_\_\_\_ PHONE \_\_\_\_\_ PROJECT TYPE/ACTIVITY C.3 Flow-through Planters (4)

Is the property owner different than the facility owner?  yes  no If yes, complete the following:

NAME \_\_\_\_\_ CONTACT: \_\_\_\_\_ PHONE \_\_\_\_\_  
MAILING ADDRESS \_\_\_\_\_ TITLE: \_\_\_\_\_

Is the BMP Operator different than the facility owner?  yes  no If yes, complete the following:

NAME \_\_\_\_\_ CONTACT: \_\_\_\_\_ PHONE \_\_\_\_\_  
MAILING ADDRESS \_\_\_\_\_ TITLE: \_\_\_\_\_

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	✓																					
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) \_\_\_\_\_ Maintenance Documentation Reviewed?  yes  no Maintenance required in storm drain system?  yes  no

Inspection of four new flow-through planters to close out building permit. There were no correction items.

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 Representative: \_\_\_\_\_

Inspector: [Signature] Ken Johnson Senior Planner



Stormwater Treatment BMP O&M Verification Inspection Report Form

Date: 4/8/15

Facility has closed or Facility Information has changed:  yes  no

Reason for Inspection: First Inspection (required within 45 days of installation)  Routine Inspection  Response to Complaint  Follow-up  Follow-up Inspection Due: NA

NAME OF FACILITY: Integrated Stone 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: CONTACT: PHONE: MAILING ADDRESS: TITLE:

Is the BMP Operator different than the facility owner?  yes  no If yes, complete the following:

NAME: CONTACT: PHONE: MAILING ADDRESS: TITLE:

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 oversight 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	✓																					
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): Maintenance Documentation Reviewed?  yes  no Maintenance required in storm drain system?  yes  no  
 Inspection was following a rainfall event. The treatment unit was operating as intended.

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

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

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

O&M Representative: Inspector: Ken Johnson Senior Planner



## INDUSTRIAL AND COMMERCIAL BUSINESS INSPECTION PLAN CITY OF BRISBANE

Date Originally Prepared: August 30, 2010

Date Last Updated: February 10, 2014

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### 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.

### 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<sup>1</sup>, 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)).

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<sup>1</sup> 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, or 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)

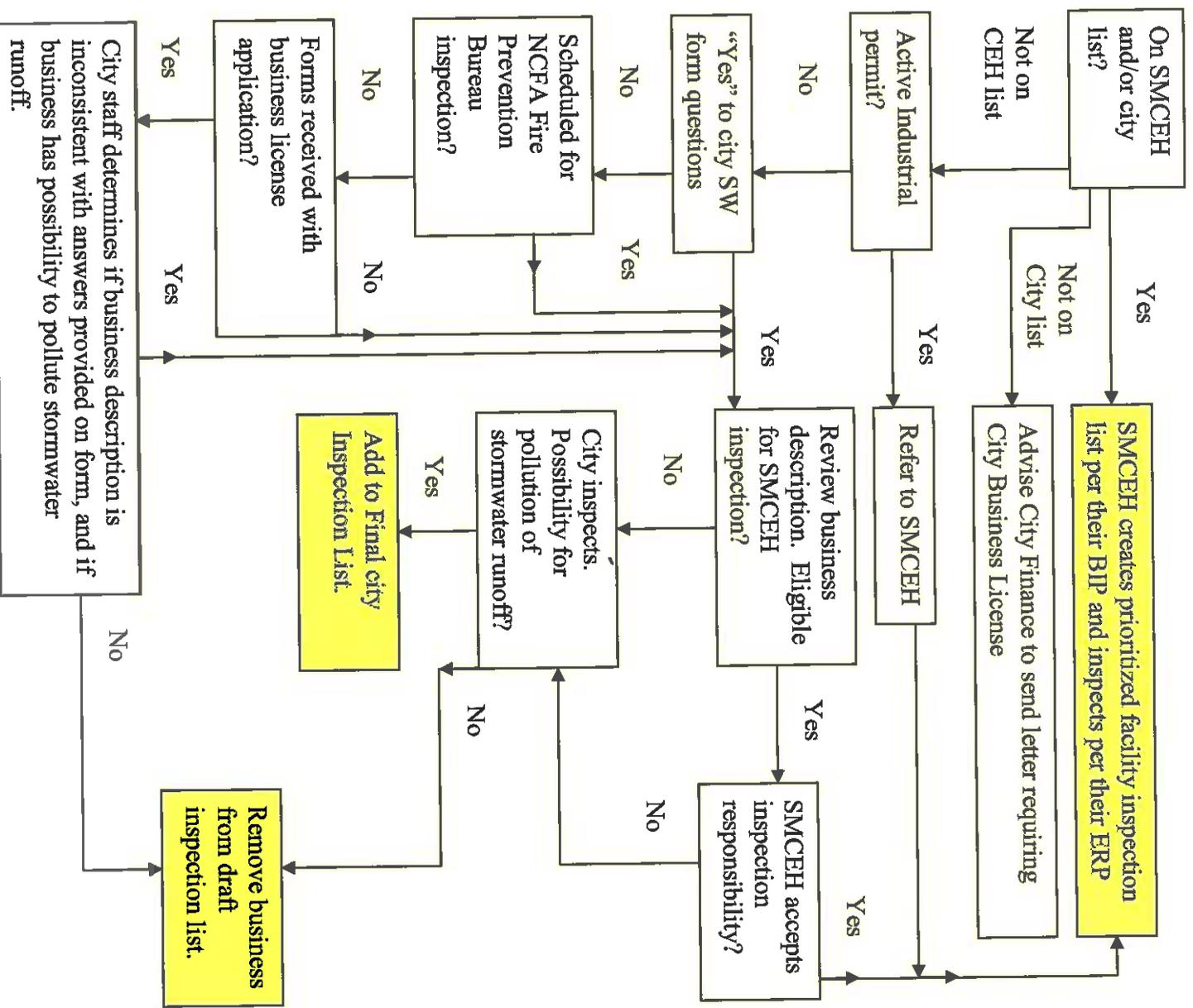


FIGURE 1

**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 be 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.

Name	Street Number	Street Name	City
MK PIPELINES INC	3708	BAYSHORE	BRISBANE
J STYLE AT HOME	3890	BAYSHORE	BRISBANE
SEVEN MILE HOUSE SPORTS BAR & GRILL	2800	BAYSHORE	BRISBANE
CAREDX INC	3260	BAYSHORE	BRISBANE
MACHINERY & EQUIPMENT CO	3401	BAYSHORE	BRISBANE
V & A AUTO REPAIR STATION	2800	BAYSHORE	BRISBANE
INTERMUNE, INC	3260-80	BAYSHORE	BRISBANE
CUTERA	3240	BAYSHORE	BRISBANE
CAL RITE SERVICES	3785	Bayshore	Brisbane
BRISBANE RECYCLING CO INC	5	BEATTY	BRISBANE
BAY AREA LINENS AND VALET SERVICES INC	100	CYPRESS	BRISBANE
LAKE ST BOOSTER PUMP STATION	75	GLEN	BRISBANE
GOLDEN ASTER BOOSTER PUMP STATION	50	GOLDEN ASTER	BRISBANE
COOL SOLUTIONS MANUFACTURING INC	178	HILL	BRISBANE
DHL GLOBAL FORWARDING	99	HILL	BRISBANE
GENERAL BIOSCIENCE	100	HILL	BRISBANE
PREFERRED MEAL SYSTEMS, INC	211	HILL	BRISBANE
KJ WOODS CONSTRUCTION	88	HILL	BRISBANE
Sprint Brisbane Switch	1	HILL	BRISBANE
LE GOURMET	150	HILL	BRISBANE
DOLBY LABORATORIES	175	HILL	BRISBANE
FRITTO LAY INC	151	HILL	BRISBANE
AXEL ISACKSON FLOOR CO	100	HILL	BRISBANE
F W SPENCER MECHANICAL CONTRACTORS	99	HILL	BRISBANE
BIRLITE FOODSERVICE	123	HILL	BRISBANE
FAMCO INDUSTRIES	100	HILL	BRISBANE
GLEN PARK BOOSTER PUMP STATION	940	HUMBOLDT	BRISBANE
TRANSDAV	290	INDUSTRIAL	BRISBANE
N O D AUTO SERVICE	130	INDUSTRIAL	BRISBANE
PIT STOP AUTOMOTIVE	340	INDUSTRIAL	BRISBANE
MECHANO GARAGE	130	INDUSTRIAL	BRISBANE
W2 SYSTEMS	304	INDUSTRIAL	BRISBANE
GENERATORS UNLIMITED	285	INDUSTRIAL	BRISBANE
J & B DELIVERY SERVICE	250	INDUSTRIAL	BRISBANE
TIGERS AUTO BODY & PAINT	23	INDUSTRIAL	BRISBANE
ALLIED ROPES COMPANY	171	INDUSTRIAL	BRISBANE

Attachment 4-2 C.4.b.iii(1) Potential Facilities ACTIVE-SMCEH

BAYPORTER EXPRESS INC	27	INDUSTRIAL	BRISBANE
LAZZARI FUEL COMPANY	11	INDUSTRIAL	BRISBANE
L & D TRUCK REPAIR	374	INDUSTRIAL	BRISBANE
BAYSHORE SANITARY DISTRICT	36	INDUSTRIAL	BRISBANE
STATUE FACTORY, LLC	10	INDUSTRIAL	BRISBANE
ACME SCENERY CO	100	INDUSTRIAL	BRISBANE
SUPERTECH AUTOBODY	370	INDUSTRIAL	BRISBANE
DAVEY TREE EXPERT CO	131	INDUSTRIAL	BRISBANE
SUNSET GARAGE, INC	150	INDUSTRIAL	BRISBANE
INTERNATIONAL FOOD VENTURES LLC	8000	MARINA	BRISBANE
MANGIARE	1000	MARINA	BRISBANE
8000 MARINA BLVD	8000	MARINA	BRISBANE
TREE LOVERS FLOOR INC	100	NORTH HILL	BRISBANE
NORTH HILL BOOSTER PUMP STATION	80	NORTH HILL	BRISBANE
SAIGON BBQ	140	OLD COUNTY	BRISBANE
LAVA	182	OLD COUNTY	BRISBANE
SUBWAY	150	OLD COUNTY	BRISBANE
CHRISTYS DONUT	138	OLD COUNTY	BRISBANE
DAISY TAQUERIA	142	OLD COUNTY	BRISBANE
TERYAKI HOUSE	114	OLD COUNTY	BRISBANE
EVANS BROTHERS	1	OLD QUARRY	BRISBANE
ZARC RECYCLING	115	PARK	BRISBANE
BRISBANE POLICE DEPARTMENT	50	PARK	BRISBANE
DOCUMENT SECURITY SYSTEMS	151	PARK	BRISBANE
KNTV TELEVISION INC	900	Radio	BRISBANE
AMERICAN TOWERS - SAN BRUNO T8, T9, CA - SITE #8249, #8250	600-700	Radio	BRISBANE
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
BRISBANE SCHOOL DIST	500	SAN BRUNO	BRISBANE
HOMEWOOD SUITES BY HILTON-BRISBANE	2000	SHORELINE	BRISBANE
INTERNATIONAL FOOD VENTURES LLC	2000	SIERRA POINT	BRISBANE
DOUBLETREE HOTEL SAN FRANCISCO AIRPORT NORTH	5000	SIERRA POINT	BRISBANE
BRISBANE MARINA	400	SIERRA POINT	BRISBANE
2000 SIERRA POINT PARKWAY LLC	2000	SIERRA POINT	BRISBANE
LIPMAN MIDDLE SCHOOL	1	SOLANO	BRISBANE
BRISBANE COMMUNITY POOL	2	SOLANO	BRISBANE
SFPP, LP	950	TUNNEL	BRISBANE

P & F DISTRIBUTORS	511	Tunnel	Brisbane
GOLDEN STATE LUMBER	601	TUNNEL	BRISBANE
Recology San Francisco	501	TUNNEL	BRISBANE
BRISBANE CORPORATION YARD	1020	TUNNEL	BRISBANE
RECOLOGY SUNSET SCAVENGER		TUNNEL & BEATTY RD	BRISBANE
SMART PRINTING	200	VALLEY	BRISBANE
FORWARD AIR, INC	427	VALLEY	BRISBANE
PITNEY BOWES / PSI	125	VALLEY	BRISBANE
EXPEDITORS INTERNATIONAL	425	VALLEY	BRISBANE
FONG BROS PRINTING INC	320	VALLEY	BRISBANE
UNIPART LOGISTICS	422	VALLEY	BRISBANE
LINCOLN BROADCASTING / KTSF	100	VALLEY	BRISBANE
A R GROTH CO., INC	200	VALLEY	BRISBANE
BEBE STORES, INC	400	VALLEY	BRISBANE
GARDNERS GOURMET MEATS AND DELI	249	VISTACION	BRISBANE
LUCKY HOUSE RESTAURANT	148	VISTACION	BRISBANE
MAMA MIA PIZZA	35	VISTACION	BRISBANE
NANA KITCHEN	301	VISTACION	BRISBANE
BRISBANE INN	50	VISTACION	BRISBANE
MIDTOWN MARKET	249	VISTACION	BRISBANE
JULIES BRISBANE LIQUOR & DELI	45	VISTACION	BRISBANE
FRATERNAL ORDER OF EAGLES	185	VISTACION	BRISBANE
MELISSAS TAQUERIA	160	VISTACION	BRISBANE
STAR BOX FOOD	33	VISTACION	BRISBANE
BRISBANE COMMUNITY CENTER	250	VISTACION	BRISBANE
MADHOUSE COFFEE	400	VISTACION	BRISBANE
BRISBANE CHIROPRACTIC	101	VISTACION	BRISBANE
FRTLO LAY INC			BRISBANE

Attachment 4-3 C.4.b.iii(1) Business Inspection-BRS

complete only for initial inspection

\*\*complete only for actual or potential discharge

Enter "1" per Inspection	Enter "1" per Business	Business Name	Inspection Date	Inspection Type				Violation***			Re-Inspection Priority*				Enforcement Response				Violations Corrected**		Comments Include rationale for longer but timely compliance in addition to general notes.	IGP* Enter "1" if site requires but does not have Industrial General Permit coverage
				First	Routine	Complaint Response	Follow-Up	Actual NSW Discharge	Potential NSW Discharge	None - In Compliance	High - Annually	Medium - 2 to 5 years	Low - every 5 years	No potential no re-inspection	Verbal Warning	Written Warning Notice of Violation	Notice to Comply	Legal Action	Within 10 days	Longer but timely		
1	1	ABC MANUFACTURERS	06/25/14	1							1										Mail order forms. Trash kept indoors until pickup.	
1	1	AC CALDERONI & COMPANY INC	07/17/14	1							1										Trash stored indoors until pickup.	
1	1	ALBERT CHAPARRO	07/17/14	1							1										Apartment building with no outdoor trash enclosures.	
1	1	ALBERT MAHER	07/17/14	1							1										Trash enclosures covered and stored under cover.	
1	1	ALI H ESEIFAN	07/17/14	1							1										Apartment building with covered trash enclosures.	
1	1	ALL STAR JANITORIAL SERVICES	07/17/14	1							1										Private residence used as office.	
1	1	ALPINE VENDING CO	06/25/14	1							1										Trash kept indoors until pickup.	
1	1	ALYCE N CARDINALE	07/17/14	1							1										Apartment building with covered trash enclosures.	
1	1	AMEN CLINC INC	07/07/14	1							1										Phone disconnected.	
1	1	AMES FINE FOODS INC	08/05/14	1							1										Covered trash kept indoors until pickup.	
1	1	AM/PM Logistics	04/27/15	1								1									same building and company as MTC	
1	1	ARCADIA WOODCRAFT	08/05/14	1							1										Private residence - no sign of potential impact to SD.	
1	1	ARTHUR COURT DESIGNS INC	08/05/14	1							1										Primarily office space. Has covered trash cans.	
1	1	ARTHUR MCCAUGHEY ELECTRIC	08/05/14	1							1										Private residence used as office.	
1	1	ARTHUR'S PLUMBING	08/05/14	1							1			1							Used oil collection left uncovered without secondary containment.	
1	1	ATARA THERAPEUTICS INC	08/06/14	1							1										Office use only, no control over trash enclosures.	
1	1	Atlantis Auto	05/05/15	1							1										outdoor vehicle and glass storage	
1	1	a t & t Mobility	05/06/15	1							1										minor trash pickup required	
1	1	BAKE EXPRESS INC	08/06/14	1							1			1							Covered trash cans. No outdoor storage. Minor litter pickup directed.	





C.4 City Completed Business Inspection Tracking Spreadsheet

1	1	MTC	09/26/14	1						1	1								Dumpsters need to be kept covered and enclosed.
1	1	MY CAR GUY INC	06/25/14	1						1									Classic car sales only. No onsite maintenance.
1	1	NANCY COLMAN	09/02/14	1						1									Private residence used as office.
1	1	NEW CENTURY ROOFING/SHEET MTL	09/17/14	1						1									All materials stored inside.
1	1	NEW TIME GARMENT MFG INC	09/25/14	1						1		1							Low threat to SD, re-inspect to ensure directions understood. Non ESL employees.
		Next Style LLC	CLOSED																
1	1	NINA BIOTHERAPEUTICS INC	09/02/14	1						1									Office space use only.
1	1	NISHIMOTO TRADING CO LTD	09/23/14	1						1									Containers covered and kept in enclosure.
1	1	NORMAN WRIGHT MECHANICAL EQUIP	09/23/14	1						1									Containers covered at all times.
1	1	ORES PROPERTIES	09/02/14	1						1									Private residence used as office.
1	1	PACIFIC COAST MAT & MATTING CO	09/23/14	1						1									Office space only.
1	1	PACIFIC GOURMET INC	09/24/14	1						1									Trash containers covered.
1	1	PAGE ONE AUTOMOTIVE	09/25/14	1						1									Trash containers covered. Indoor car wash plumbed to SS.
1	1	PARKVIEW DENTAL LABORATORY	09/23/14	1						1									All work/materials stored indoors.
1	1	PENINSULA REAL ESTATE & MGT CO	09/02/14	1						1									Office for real estate management.
1	1	PINTA THERAPEUTICS INC	09/02/14	1						1									Office space use only - no control over trash enclosures.
1	1	PITCO FOODS	09/24/14	1					1		1						1		See corrected issues below
1		PITCO FOODS	10/14/14							1								1	Better enclosure for cardboard, open dumpster removed, no signs of overnight dumping.
		PG&E - 105 Park Lane	TOWER SITE																
1	1	PREPPY PUPPY	09/03/14	1						1									nail salon with minimal outside covered trash
1	1	PRO NAILS	05/08/15	1						1									Containers covered and kept indoors.
1	1	Purcell Murray	09/24/14	1						1									
1	1	R&A PROPERTIES	09/02/14	1						1									Office used for residential property manager.
1	1	R&H REPAIRS	09/23/14	1						1									Interior shop for repair of small floor cleaning equipment.
1	1	RAINBOW WINDOW & GLASS	09/22/14	1						1									Covered dumpsters. Interior shop.
1	1	REALTY ASSOCIATES FUND VIII LP	09/22/14	1						1									Office in larger building.
1	1	Room & Board, Inc.	05/06/15	1						1		1							advised to cover outside dumpsters



C.4 City Completed Business Inspection Tracking Spreadsheet

1	1	TOM STUCKY PLUMBING	04/29/15	1					1			1							residence used as office, no evidence of outside storage onsite
1	1	TOWNE AIR FREIGHT LLC	09/18/14	1				1			1			1					See corrected issues below.
1		TOWNE AIR FREIGHT LLC	10/06/14			1			1								1		Dumpsters now closed, spill kits onsite.
1	1	TRIGONIS CONSTRUCTION	09/03/14	1					1			1							Private residence used as office.
1	1	TRILLIUM GRAPHICS	09/25/14	1				1			1			1					See corrected issues below.
1		TRILLIUM GRAPHICS	10/07/14			1			1									1	Dumpster replaced, now stays locked/closed until needed.
1	1	TRM 4TH AVE C/O COLLANTES RLTY	09/03/14	1					1			1							Commercial property rental.
1	1	Type One Motors	04/28/15	1					1			1							car broker, inside storage only
1	1	UBM	04/28/15	1					1			1							office not manned, no evidence of outside storage
1	1	VILLA VISITATION APARTMENTS	09/03/14	1					1			1							Private residence used as office.
1	1	WAH-I HONG CORPORATION	09/26/14	1					1			1							Trash & recycle covered. No threat to SD.
1	1	WILLIAMS-SONOMA INC	09/26/14	1				1			1			1					See corrected issues below.
1		WILLIAMS-SONOMA INC	10/07/14			1			1									1	Dumpsters now covered, litter policed.
1	1	X PEST INC	09/26/14	1					1			1							Trash & recycle kept inside until trash day.
		YM & Ambition	NOT FOUND																
130	119			118	1	0	11	0	7	123	5	11	19	84	9	7	0	0	7

SUM: 

130
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130
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119
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7
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\*\*\* NOTE: A violation is only counted once - if not completed by re-inspection, add an appropriate comment.



Brisbane: County Environmental Health Inspection Records - WORKING DRAFT FY14/15

Name	Address Number Address Street	Inspection Date	File	Page	Inspection Type/Business Type		
					Initial for FY	Followup	Food HazMat
2007 SIERRA POINT PARKWAY LLC	2000 SIERRA POINT	2014-09-23					
8001 MARINA BLVD	8000 MARINA	2014-09-23	HazMat	36	1		1
A R GROTH CO., INC	200 VALLEY	2014-12-04					
BRISBANE RECYCLING CO INC	5 BEATTY	2015-04-21	HazMat	46	1		1
BRISBANE SCHOOL DIST	500 SAN BRUNO	2014-10-28	Food	7	1	1	
BRISBANE SCHOOL DIST	500 SAN BRUNO	2015-01-14	Food	13	1	1	
CAL RITE SERVICES	3785 Bayshore	2015-04-14	HazMat	45	1		1
CAREDX INC	3260 BAYSHORE	2015-03-19	HazMat	40	1		1
CHRISTY'S DONUT	138 OLD COUNTY						
COOL SOLUTIONS	178 HILL	2014-09-30	HazMat	26	1		1
MANUFACTURING INC							
CUTERA	3240 BAYSHORE	2015-03-25	HazMat	42	1		1
DAISY TAQUERIA	142 OLD COUNTY	2014-11-19	Food	10	1		1
DAVEY TREE EXPERT CO	131 INDUSTRIAL	2014-08-27	HazMat	14	1		1
DHL GLOBAL FORWARDING	99 HILL	2014-09-09	HazMat	18	1		1
DOCUMENT SECURITY SYSTEMS	151 PARK	2015-03-12	HazMat	34	1		1
DOLBY LABORATORIES	175 HILL	2015-04-02	HazMat	37	1		1
DOUBLETREE HOTEL							
SAN FRANCISCO AIRPORT NORTH	5000 SIERRA POINT						
EVANS BROTHERS	1 OLD QUARRY	2014-11-22	HazMat	33	1		1
EXPEDITORS INTERNATIONAL	425 VALLEY	2014-08-13	HazMat	7	1		1
F W SPENCER MECHANICAL	99 HILL	2014-08-18	HazMat	1	1		1
CONTRACTORS							
FAMCO INDUSTRIES	100 HILL	2014-09-16	HazMat	17	1		1
FONG BROS PRINTING INC	320 VALLEY						

Brisbane: County Environmental Health Inspection Records - WORKING DRAFT FY1415

Name	Address Number	Address Street	Inspection Date	File	Page	Inspection Type			Business Type	
						Initial for FY	Followup	Food	HazMat	
FORWARD AIR, INC	427	VALLEY	2014-08-12	HazMat	4	1			1	
FRATERNAL ORDER OF EAGLES	185	VISITACION								
FRITO LAY INC	151 Hill		2014-12-02	Food	12	1		1		
FRITO LAY INC	499 Valley		2015-03-19	HazMat	39	1			1	
GARDNER'S GOURMET MEATS & DELI	249	VISITACION								
GENERAL BIOSCIENCE GENERATORS UNLIMITED	100	HILL	2014-07-30	HazMat	2	1			1	
GLEN PARK BOOSTER PUMP STATION	940	HUMBOLDT								
GOLDEN ASTER BOOSTER PUMP STATION	50	GOLDEN ASTER								
GOLDEN STATE LUMBER	601	TUNNEL	2014-09-30	HazMat	27	1			1	
HOMWOOD SUITES BY HILTON-BRISBANE	2000	SHORELINE	2014-07-15	Food	5	1		1		
INTERMUNE, INC	3260-80	BAYSHORE								
INTERNATIONAL FOOD VENTURES	2000	SIERRA POINT	2015-06-09	Food	26	1		1		
INTERNATIONAL FOOD VENTURES	8000	MARINA	2015-06-09	Food	25	1		1		
J & B DELIVERY SERVICE	250	INDUSTRIAL	2014-08-27	HazMat	15	1			1	
J STYLE AT HOME	3890	BAYSHORE								
JULIES BRISBANE LIQUOR & DELI	45	VISITACION	2015-02-09	Food	17	1		1		
KJ WOODS CONSTRUCTION	88	HILL								
KNITV TELEVISION INC	900	RADIO								
L & D TRUCK REPAIR	374	INDUSTRIAL								
LAKE ST BOOSTER PUMP STATION	75	GLEN								
LAVA BISTRO	182	OLD COUNTY	2014-11-19	Food	11	1		1		
LAZZARI FUEL COMPANY	11	INDUSTRIAL	2014-08-15	HazMat	9	1			1	
LE GOURMET	150	HILL	2015-02-09	Food	16	1		1		

Brisbane: County Environmental Health Inspection Records - WORKING DRAFT FY1415

Name	Address Number	Address Street	Inspection Date	File	Page	Inspection Type		Business Type	
						Initial for FY	Followup	Food	HazMat
LINGCOLN BROADCASTING / KTSF	100	VALLEY	2014-10-28	Food	8	1		1	
LIPMAN MIDDLE SCHOOL	1	SOLANO	2015-01-14	Food	14				
LUCKY HOUSE	148	VISITACION	2015-03-20	HazMat	41	1			1
MACHINERY & EQUIPMENT CO	3401	BAYSHORE	2014-08-12	Food	6	1		1	
MADHOUSE COFFEE	400	VISITACION	2015-02-09	Food	18	1		1	
MAMA MIA PIZZA	35	VISITACION	2014-07-15	Food	3	1		1	
MANGIARE	8000	MARINA	2014-07-15	Food	4	1		1	
MANGIARE	1000	MARINA	2015-03-19	HazMat	38	1			1
MECHANO GARAGE	130	INDUSTRIAL	2014-07-15	Food	2	1		1	
MEGABYTES CAFÉ	2000	SIERRA POINT	2015-01-14	Food	15	1			
MELISSAS TAQUERIA	160	VISITACION	2015-03-18	Food	23			1	
MIDTOWN MARKET	249	VISITACION							
MK PIPELINES INC	3708	BAYSHORE							
MV PUBLIC	290	INDUSTRIAL							
TRANSPORTATION	130	INDUSTRIAL							
N O D AUTO SERVICE	301	VISITACION	2015-02-23	Food	21	1		1	
NANA KITCHEN	80	NORTH HILL							
NORTH HILL BOOSTER PUMP STATION	511	Tunnel	2014-09-04	HazMat	16	1			1
P & F DISTRIBUTORS	340	INDUSTRIAL	2014-09-11	HazMat	20	1			1
PIT STOP AUTOMOTIVE	125	VALLEY	2015-02-23	Food	20	1		1	
PITNEY BOWES / PSI	211	HILL							
PREFERRED MEAL SYSTEMS, INC	501	Tunnel							
Recology San Francisco		Tunnel & Beatty							
RECOLOGY SUNSET	140	OLD COUNTY	2015-03-18	Food	22	1		1	
SCAVENGER	2800	BAYSHORE	2015-02-23	Food	19	1		1	
SAIGON BBQ	950	TUNNEL							
SEVEN MILE HOUSE	200	VALLEY	2015-04-14	HazMat	44	1			1
SPORTS BAR & GRILL	1	HILL	2014-10-09	HazMat	28	1			1
SPPP, LP	33	VISITACION							
SMART PRINTING	10	INDUSTRIAL	2014-08-21	HazMat	12	1			1
Sprint Brisbane Switch									
STAR BOX FOOD									
STATUE FACTORY, LLC									

Brisbane: County Environmental Health Inspection Records - WORKING DRAFT FY1415

Name	Address Number	Address Street	Inspection Date	File	Page	Inspection Type/Business Type		
						Initial for FY	Followup	Food HazMat
SUBWAY	150	OLD COUNTY	2014-07-15	Food	1	1		
SUNSET GARAGE, INC	150	INDUSTRIAL						
SUPERTECH AUTOBODY	370	INDUSTRIAL	2014-08-12	HazMat	5	1		1
TERIYAKI HOUSE	114	OLD COUNTRY	2015-03-24	Food	24	1	1	
TIGERS AUTO BODY & PAINT	23	INDUSTRIAL	2014-08-14	HazMat	8	1		1
TRANSDEV	290	INDUSTRIAL	2014-09-09	HazMat	19	1		1
TRELOVERS FLOORS	100	HILL	2014-09-11	HazMat	13	1		1
UNIPART LOGISTICS	422	VALLEY	2014-09-19	HazMat	23	1		1
V & A AUTO REPAIR STATION	2800	BAYSHORE	2014-11-21	HazMat	31	1		1
VAN ARSDALE HARRIS LUMBER CO	595	TUNNEL	2014-08-15	HazMat	10	1		1
WWR INTERNATIONAL, INC.	3745	BAYSHORE						
ZARC RECYCLING	115	PARK	2015-03-25	HazMat	43	1		1
						70		

C.5.f.iii(4)

Complaint/Spill/Discharge Tracking Spreadsheet

[Enter Agency Name]

MRP 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 Require- resolution. The data collected shall be sufficient to demonstrate escalating responses for repeat problems, and inter/intra-agency coordination, where appropriate." ments

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.

Complaint Information																			Investigation Information																Follow Up Information								NOTES
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												Date Investigation Started	Time Investigation Started	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			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											
07/01/14	1315			1	Guadalupe Channel	1													1	7/1/14	1330															1	1	Source of discharge into open channel isolated to 84" storm drain, but not positively identified as to discharger. Further investigation required.					
02/08/15	1030			1	27 Industrial Way	1				1																										1	1	EOA evaluating storm drains for PCB study discovered Bunker C oil migrating into public SD from private lateral. Property owner required to perform all clean-up and repair. No evidence of pollutant reachign receiving waters.					
03/18/15	1000			1	481 Mendocino		1								1																					1	1	Info on maroon truck F250 3X71964 forwarded to BPD for administrative citation. PD finds no evidence of active leak.					
03/18/15	1000			1	481 Mendocino		1								1																					1	1	Info on primer gray EI Camino 43446M1 forwarded to BPD for administrative citation. PD reports vehicle GOA UTL.					
05/08/15	1100			1	362 Industrial		1	1																												1	1	DPW Inspector observes single containment food grease container stored in parking area. Property owner contacted. Tenant advised re					

Attachment 5-1 C-5.f.iii.(4) Complaint/Spill/Discharge Tracking Spreadsheet



C.9.d



Green Shield Certified:  
Who We Are  
What Is Advanced IPM?  
GSC News

For pest-control companies:  
Our Standards  
Get Green Shield Certified  
IPM Resources

For your home or business:  
Find a Certified Provider  
Facility Certification  
Program Certification

## Find a Green Shield Certified Service Provider

Green Shield Certifies:

**Service Providers**, who offer 100% Green Shield Certified services for all their pest management services; **AND**

**Services**, offered by Pest Control Professionals that also offer conventional, uncertified services. (Be sure to request the Green Shield Certified Service by name, as listed *in italics!*)

**Click on a state to find Green Shield Certified services near you:**

Attachment 9-1 C.9.d IPM Certification Provider List

1/6



**Pestec Integrated Pest Management**

Serving the greater San Francisco area, including San Mateo, Marin, Santa Clara and Sacramento Counties.

P.O. Box 2393  
Antioch, CA 94531  
(925) 757-2945  
1555 Yosemite Ave. #46  
San Francisco, CA 94124  
(415) 671-0300

Service: residential, commercial, schools, childcare facilities, hospitals, nursing homes, churches  
For: general pest, birds, wildlife/vertebrates



**Pest Control Professionals who offer a *Green Shield Certified Service*, upon request:**

**Colby Green** (.pdf) offered by Colby Pest Control Service

In Los Angeles and Orange counties from Malibu to San Clemente, California.

Colby Pest Control Service  
1025 Crestview Dr.  
Fullerton, CA 92833  
(714) 773-5889

Service: residential, commercial, schools, hospitals, nursing homes, restaurants  
For: general pest, birds, wildlife/vertebrates

**EnviroCare Green** (.pdf) offered by Western Exterminator Company

Serving California from the Sacramento area to the Mexico border, the greater Phoenix and Tucson areas of Arizona and the greater Las Vegas and Reno areas of Nevada.

**Western Exterminator Company**  
305 N Crescent Way  
Anahelm, CA 92801  
(714) 517-9000

Service: residential, commercial, schools, childcare facilities, hospitals, nursing homes, restaurants, hotel/motel  
For: general pest, termites, carpenter ants, birds, wildlife and vertebrates, bed bugs

**CONNECTICUT**

**Pest Control Professionals who offer a *Green Shield Certified Service*, upon request:**

**Parkway Green Pest Solutions** offered by Parkway Exterminating Company

Nassau, Suffolk, Queens, Bronx, Brooklyn, Westchester, Connecticut, Staten Island and Manhattan

**Parkway Green Pest Solutions**  
100 Jericho Turnpike  
New Hyde Park, NY 11040  
(516) 328-2989

Service: residential, commercial, schools, childcare facilities, hospitals, nursing homes, restaurants  
For: general pest, termites, carpenter ants, birds, wildlife/vertebrates, bed bugs, mosquitoes, carpentry services

2/6

INTEGRATED PEST MANAGEMENT    Controlling pests with common sense

[about EcoWise](#)    [get certified](#)    [who is certified](#)    [news & resources](#)    [contact us](#)

## EcoWise Certified IPM practitioners



We also certify individual professionals, who may work for companies that have not completed EcoWise company certification.

When you call these companies, be sure to request services from a certified practitioner listed below, and ask the company to apply for EcoWise certification!

**Certified practitioners: Craig Bethune, Scott Conner, Robert Corrado, Josh Fleenor, Dave Howard, Chris Kalsbeek, Richard Mercado, Brian Romanl, Debbie Scott, David Shouger, Joseph Spencer**

Advanced Integrated Pest Management  
 205 Kenroy Lane  
 Roseville, CA 95678  
 800-655-3993, 916-441-0590  
<http://advancedipm.com>

**Certified practitioner: Randal Williams**  
 Best Indoor Plant Solutions  
 1547 Palos Verde Mall, Suite 408  
 Walnut Creek, CA 94597  
 925-933-7378

**Certified practitioner: Patrick Powers**  
 Bio-Pest  
 427 Aaron Street, Suite E  
 Cotati, CA 97431  
 888-928-4573, 707-795-2200  
<http://www.bio-pest.com/>

**Certified practitioner: Gavin Dillon**  
 Bugman Pest Control  
 10137 Folsom Blvd.  
 Rancho Cordova, CA 95670  
 916-361-1631  
<http://www.bugmanpestcontrolinc.com/>

**Certified practitioner: Loran Davis**  
 Champ Pest Control  
 11257 Coloma Road  
 Gold River, CA 95670  
 916-631-9373  
<http://www.champpestcontrol.com/>

**Certified practitioner: Jay Arey**  
 Crown And Shield Exterminators  
 PO Box 4897  
 Petaluma, CA 94955  
 707-769-4787

[About EcoWise](#)

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<http://www.leadingedgeppm.com/>

**Certified practitioner: Armando Silva**

Marina Pest Control  
150 South Spruce St.  
South San Francisco, CA 94080  
415-928-1918

**Certified practitioner: Fred Mobley III**

Mobley Pest Services  
1734 Chelsea Way  
Roseville, CA 95661  
916-781-9890

<http://www.mobleypestservices.com/>

**Certified practitioner: Joe Jurancich**

Orkin Pest Control  
3095 Independence Dr., Suite C  
Livermore, CA 94551  
925-373-2555

<http://www.orkin.com/>

**Certified practitioner: Derek Lobo**

Orkin Pest Control  
377 Oyster Point Blvd., Suite 13  
South San Francisco, CA 94080  
650-246-3680

<http://www.orkin.com/>

**Certified practitioner: Antonio Perez, Jr.**

Pestmaster Services  
751 W. 4th Avenue  
Escondido, CA 92025  
800-525-8866, 760-740-9340

**Certified practitioner: Daniel Mathat**

Pest Protection Services  
2829 Stamm Drive  
Antioch, CA 94509  
925-325-4789

<http://www.pestprotectionservice.com>

**Certified practitioners: Lauren Kersten**

Sensitive Solutions  
1175 Dell Avenue  
Campbell, CA 95008  
888-669-3460, 408-378-0441

[http://www.killroy.com/services\\_sensitive.php](http://www.killroy.com/services_sensitive.php)

**Certified practitioner: Sid Parrish**

Terminix International  
32980 Alvarado Niles Road, Suite 826  
Union City, CA 94587  
510-489-8689

<http://www.terminix.com/>

**Certified practitioner: Joseph Shlich**

Western Exterminator Company  
1320 Marsten Road, Suite D  
Burlingame, CA 94010  
866-237-2065, 650-579-6565

<http://www.westernexterminator.com/>

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## EcoWise Certified IPM Service Providers



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EcoWise Certified IPM Service Providers must demonstrate through a rigorous program of testing, service record reviews, and field audits that they are offering Integrated Pest Management (IPM) services that meet EcoWise Certified standards. EcoWise Certified standards are designed to reduce pesticide exposures to people, pets, and environment. The EcoWise Service Providers listed below can manage ants, roaches, flies, spiders, rodents, stinging insects, bed bugs, and many other pests using proven, effective IPM methods.

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

Be sure to mention EcoWise certification and ask for EcoWise Certified IPM services when you call

### San Francisco Bay Area and Northern California

#### Applied Pest Management

2425 Sonoma Blvd.  
 Vallejo, CA 94590  
 800-244-1176  
 707-554-0110

<http://appliedpestmgmt.com/>  
 Certified practitioners: Chris Cowen, Nick Fowler, Donald Wilcks

#### Ashford Pest Control

692 Antiquity Drive  
 Fairfield, CA 94534  
 415-218-3002

<http://www.ashfordpestcontrol.com/>  
 Certified practitioner: Jodie Hembre

#### ATCO Pest Control

275 Bel Marin Keys Blvd., Suite A  
 Novato, CA 94949  
 888-900-9697  
 415-898-2282

<http://atcopestcontrol.com/>

Certified practitioners: Kenny Devore, Richard Estrada, Kristopher Fox, Christopher Garcia, Craig Hoefler, Jonathan Machado, Brandin Martinez, Michael Troup

#### Pestec San Francisco

1555 Yosemite Avenue, Suite 46  
 San Francisco, CA 94124  
 415-671-0300

<http://www.pestec.com>

Certified practitioners: Luis Agurto, Jr., Valarie Agurto, Angela Bedell, Brittany Clark,

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Material Type	Material	Quantity
WT-1	1' to 4' Straight Fluorescent	1 + 279 EA
Tube	5' to 8' Straight Fluorescent	235 EA
Bulb	Metal halide, HID, U-bent, Halogen, Incandescent, CFL	334 EA
Battery	Mixed Battery	714.5 LBS
Lbs	Broken glass	
Electronics	Mixed Electronic Waste	
Ballast	Non-PCB Ballasts	

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WT-1  
WT-1  
WT-1

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C.13.a.iii(2)

SMCWPPP Construction Workshop  
Attendance May 5, 2015

	A	B	C	D	E
	Last Name	First Name	C.6 Morning	C.3.h Afternoon	Municipality
1	Tallitsch	John	X	X	City of Belmont
2	Breault	Randy	X		City of Brisbane
3	Capasso	Julia		X	City of Brisbane
4	Johnson	Ken		X	City of Brisbane
5	Boyle Rodriguez	Pam	X	X	City of Burlingame
6	Calliong	Henry	X		City of Burlingame
7	Cavalieri	Marco	X		City of Burlingame
8	Horne	Rick	X	X	City of Burlingame
9	Kinnon	Kiley	X	X	City of Burlingame
10	MacNeil	Brooks	X		City of Burlingame
11	Craig	Randolph	X	X	City of East Palo Alto
12	Middleton	Michael	X	X	City of Menlo Park
13	Morales	Rene	X	X	City of Menlo Park
14	Punsalan	Rene	X	X	City of Menlo Park
15	Sohrabi	Ebby	X	X	City of Menlo Park
16	Yambao	Mel	X	X	City of Menlo Park
17	Benedik	Tanya	X	X	City of Millbrae
18	Chow	Sydney	X	X	City of Millbrae
19	Donguines	Raymund	X	X	City of Pacifica
20	Murdock	Christian	X		City of Pacifica
21	Varela	Carlos	X	X	City of Redwood City
22	Hannigan	Jeff	X	X	City of San Bruno
23	Amoroso	Frank	X		City of San Carlos
24	Baker	Jason	X	X	City of San Carlos
25	Duran	Louis		X	City of San Carlos
26	Riddell	Anthony	X	X	City of San Carlos
27	Albert	Evan		X	City of San Mateo
28	Edlund	Sven	X		City of San Mateo
29	Kenyon	Michelle	X		City of San Mateo
30	Swenson	Mark		X	City of San Mateo
31	Tran	Trieu		X	City of San Mateo
32	Ung	Mario	X	X	City of San Mateo
33	Abdulmajeed	Zaid	X	X	County of San Mateo
34	Azzari	Zack	X	X	County of San Mateo
35	Burlison	Summer	X		County of San Mateo
36	Diana	Shu	X	X	County of San Mateo
37	Dickinson	Rebecca	X	X	County of San Mateo
38	Hernandez	Hector	X	X	County of San Mateo
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Attachement 15-1 C.15.b.iii.(1) Planned Discharges of the Potable Water System

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 (NTU)	Implemented BMP & Corrective Action
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/7/2014	0845-0850	300	300	0.00	7.30	1.53	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lupine	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/7/2014	0940-0945	50	50	0.00	6.50	1.75	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/7/2014	0920-0925	150	150	0.00	6.80	1.35	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/7/2014	0950-0955	300	300	0.00	6.80	0.67	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/7/2014	1015-1025	254	254	0.01	7.50	1.62	Dechlorination/Removed Debris or other Pollutants before flushing
Visitacion/Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/7/2014	1045-1055	150	150	0.00	8.00	4.02	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/7/2014	1105-1115	900	900	0.00	7.00	1.99	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/7/2014	1300-1305	300	300	0.00	7.00	0.92	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/7/2014	1330-1345	200	200	0.00	8.00	1.35	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/7/2014	1330-1345	100	100	0.01	8.00	0.97	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/7/2014	1330-1345	200	200	0.00	8.00	1.37	Dechlorination/Removed Debris or other Pollutants before flushing
Monarch	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/14/2014	0955-1015	500	500	0.00	6.80	2.39	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
Alvarado St	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/15/2014	1255-1305	1000	1000	0.00	8.40	3.06	Dechlorination/Removed Debris or other Pollutants before flushing
75 Sierra Point	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/14/2014	1650-1810	5000	5000	0.00	7.12	8.38	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/15/2014	1250-1300	800	800	0.00	7.00	1.07	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/15/2014	1325-1340	1100	1100	0.00	7.00	1.61	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/15/2014	1400-1410	700	700	0.00	7.50	3.37	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/15/2014	1400-1415	1000	1000	0.01	7.25	0.99	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/15/2014	1400-1430	2300	2300	0.02	7.50	0.88	Dechlorination/Removed Debris or other Pollutants before flushing
1020 Tunnel Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/15/2014	0710-1150	4400	4400	0.00	7.50	0.80	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/17/2014	0830-1000	9000	9000	0.00	7.60	1.13	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/21/2014	0835-0845	1000	1000	0.00	7.50	1.03	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/21/2014	0855-0905	1000	1000	0.00	7.50	1.69	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/21/2014	0915-0925	1000	1000	0.00	7.20	1.77	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/21/2014	0935-0945	1000	1000	0.00	7.60	1.79	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/21/2014	0955-1005	1000	1000	0.00	7.70	1.69	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/21/2014	1015-1025	1000	1000	0.00	8.00	5.74	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/21/2014	1035-1045	1000	1000	0.00	7.30	1.46	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/21/2014	0845-0855	850	850	0.00	7.00	0.59	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/21/2014	0935-0941	400	400	0.00	7.00	3.32	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/21/2014	1000-1030	1800	1800	0.00	7.00	7.37	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/21/2014	1000-1020	1250	1250	0.00	7.00	3.74	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/21/2014	1000-1030	2400	2400	0.00	7.00	1.03	Dechlorination/Removed Debris or other Pollutants before flushing
1020 Tunnel Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/21/2014	0720-0930	2000	2000	0.00	7.00	0.52	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/28/2014	0930-0940	1000	1000	0.00	7.60	1.37	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/28/2014	1245-1255	1000	1000	0.00	8.00	1.49	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/28/2014	1305-1315	1000	1000	0.00	6.50	1.71	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/28/2014	1355-1405	750	750	0.00	6.75	1.63	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
Visitacion/Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	7/28/2014	1335-1345	1000	1000	0.00	8.00	1.17	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/28/2014	1000-1030	2500	2500	0.00	7.60	1.13	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/28/2014	1045-1115	1800	1800	0.00	8.20	0.97	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/28/2014	1130-1200	2000	2000	0.00	8.10	1.21	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/28/2014	1130-1200	2000	2000	0.00	7.90	0.73	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	7/28/2014	1130-1200	2000	2000	0.00	8.30	0.99	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/4/2014	1100-1215	10100	10100	0.01	7.00	1.92	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity	Quarterly Flush	Brisbane Lagoon/SF Bay	8/4/2014	1130-1230	6500	6500	0.00	7.90	1.02	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/4/2014	1145-1245	4000	4000	0.00	8.10	0.92	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/4/2014	1145-1245	4000	4000	0.00	8.20	0.97	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/4/2014	1145-1245	4000	4000	0.00	7.90	0.91	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/4/2014	1350-1400	1000	1000	0.00	7.80	1.17	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/4/2014	1410-1430	1000	1000	0.00	7.00	0.72	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
1020 Tunnel Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/4/2014	1440-1450	1000	1000	0.00	8.30	1.23	Dechlorination/Removed Debris or other Pollutants before flushing
Margaret Tank	Drop Tank	Brisbane Lagoon/SF Bay	8/7/2014	1100-1615	47920	47920	0.00	7.50	1.45	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Drop Tank	Brisbane Lagoon/SF Bay	8/7/2014	1210-1415	19000	19000	0.00	6.50	0.69	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity	Drop Tank	Brisbane Lagoon/SF Bay	8/7/2014	1245-1530	17425	17425	0.00	6.50	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
Margaret Tank	Drop Tank	Brisbane Lagoon/SF Bay	8/8/2014	0715-0815	8925	8925	0.00	7.20	0.51	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity	Drop Tank	Brisbane Lagoon/SF Bay	8/8/2014	1030-1445	19125	19125	0.00	6.80	0.31	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/12/2014	1030-1400	9500	9500	0.00	6.50	0.38	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/12/2014	1100-1315	6900	6900	0.00	7.50	0.35	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/12/2014	1100-1415	11000	11000	0.00	8.00	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
290 Industrial	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/12/2014	1125-1245	6000	6000	0.00	6.50	4.33	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/11/2014	0930-1035	5000	5000	0.00	8.00	0.86	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/11/2014	1045-1105	2000	2000	0.00	6.75	1.87	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/11/2014	1115-1135	2000	2000	0.00	7.50	3.76	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/11/2014	1145-1200	1500	1500	0.00	7.90	1.14	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/11/2014	1340-1350	1000	1000	0.00	7.90	1.92	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/11/2014	1400-140	1000	1000	0.00	6.50	1.90	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/11/2014	1420-1430	1000	1000	0.00	6.70	0.94	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/11/2014	1305-1315	2250	2250	0.00	7.50	0.86	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/11/2014	1325-1425	2850	2850	0.00	7.50	0.34	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/11/2014	1325-1425	3150	3150	0.00	7.50	0.68	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/11/2014	1300-1315	975	975	0.00	7.50	0.48	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/11/2014	1310-1355	4500	4500	0.00	8.00	0.98	Dechlorination/Removed Debris or other Pollutants before flushing
240 Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/14/2014	1410-1420	1000	1000	0.00	8.40	3.15	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/19/2014	0925-0955	2000	2000	0.00	7.30	2.71	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/19/2014	1015-1035	2000	2000	0.00	7.50	1.92	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/19/2014	1045-1055	1000	1000	0.00	7.20	2.48	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/19/2014	1150-1200	750	750	0.00	7.50	2.65	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/19/2014	1115-1130	1500	1500	0.00	8.00	4.14	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/19/2014	1300-1400	1456	1456	0.00	7.60	0.68	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/19/2014	1300-1400	3000	3000	0.00	7.60	0.68	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/19/2014	1320-1420	4000	4000	0.00	7.50	0.99	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/19/2014	1310-1355	2250	2250	0.00	7.50	0.32	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/21/2014	0750-1510	41100	41100	0.00	7.60	3.02	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/21/2014	0810-1200	38900	38900	0.00	7.00	2.14	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/22/2014	0755-1315	24300	24300	0.00	7.60	1.04	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/22/2014	0840-1345	54000	54000	0.00	7.50	0.66	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/20/2014	1125-1325	11648	11648	0.00	7.60	2.45	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/20/2014	1155-1610	58000	58000	0.00	7.70	1.03	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/24/2014	0750-1425	32000	32000	0.00	7.00	0.48	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/25/2014	0900-1315	35000	35000	0.01	7.00	0.55	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/25/2014	0835-1325	65700	65700	0.00	7.50	0.58	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore North	Hydrant Flushing	Brisbane Lagoon/SF Bay	8/26/2014	0755-1015	20000	20000	0.01	7.50	0.89	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/26/2014	0915-1230	10000	10000	0.00	7.00	0.37	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/27/2014	1030-1040	1000	1000	0.01	7.80	1.12	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/27/2014	1050-1100	1000	1000	0.00	7.90	0.98	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/27/2014	1100-1110	1000	1000	0.00	7.90	0.73	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	8/27/2014	1120-1130	1000	1000	0.01	7.50	1.17	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/2/2014	1045-1125	2400	2400	0.00	7.65	0.89	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/2/2014	1045-1110	1800	1800	0.00	7.91	1.01	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/2/2014	1045-1110	1800	1800	0.00	7.54	1.13	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/2/2014	0840-0850	800	800	0.01	8.01	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/2/2014	0900-0920	1500	1500	0.01	7.87	0.54	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/2/2014	1300-1310	1000	1000	0.01	7.91	1.02	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/2/2014	1315-1325	1000	1000	0.00	7.85	0.98	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/2/2014	1335-1345	1000	1000	0.00	7.62	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/2/2014	1350-1400	1000	1000	0.01	7.94	0.84	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/2/2014	1410-1420	1000	1000	0.01	7.86	0.91	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/2/2014	1425-1435	1000	1000	0.00	7.81	0.77	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/2/2014	1440-1450	1000	1000	0.00	7.87	1.17	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/2/2014	1010-1035	1000	1000	0.00	7.94	2.06	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/8/2014	1400-1430	1800	1800	0.00	7.80	1.72	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/8/2014	1400-1430	1800	1800	0.00	7.80	1.01	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/8/2014	1400-1430	1800	1800	0.01	7.60	0.96	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/8/2014	1440-1450	800	800	0.00	8.10	1.17	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/8/2014	1455-1510	1100	1100	0.00	7.90	1.11	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/8/2014	1230-1250	2200	2200	0.01	7.90	0.97	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/8/2014	1300-1320	2000	2000	0.00	7.60	0.98	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/8/2014	1330-1345	1500	1500	0.01	7.60	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/8/2014	1145-1155	100	100	0.00	7.50	2.01	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/8/2014	1115-1133	1800	1800	0.00	7.00	1.52	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/16/2014	1355-1430	1500	1500	0.00	7.50	1.13	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/16/2014	1355-1430	1500	1500	0.00	7.50	0.25	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/16/2014	1355-1430	1500	1500	0.00	7.50	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/16/2014	1320-1330	1000	1000	0.00	7.00	1.29	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/16/2014	1345-1420	1500	1500	0.01	7.50	1.13	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/17/2014	0900-0945	1600	1600	0.00	7.50	0.71	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/17/2014	0830-0845	800	800	0.01	7.50	0.89	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/23/2014	1325-1345	2000	2000	0.00	7.90	0.90	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/23/2014	1325-1405	2500	2500	0.00	8.10	0.72	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/23/2014	1325-1350	2000	2000	0.00	7.50	1.11	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/23/2014	1410-1430	1500	1500	0.00	8.10	1.03	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	9/23/2014	1440-1455	1000	1000	0.00	7.50	0.91	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/23/2014	1030-1050	2000	2000	0.01	6.80	1.12	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/23/2014	1055-1105	1000	1000	0.02	7.20	1.46	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/23/2014	1110-1120	1000	1000	0.00	7.30	0.98	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/23/2014	1125-1135	1000	1000	0.02	7.50	0.42	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/23/2014	1140-1150	1000	1000	0.01	7.20	0.87	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/23/2014	1155-1205	1000	1000	0.00	7.80	0.73	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	9/23/2014	1210-1220	1000	1000	0.00	6.90	1.19	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/2/2014	1245-1255	1000	1000	0.00	7.50	1.55	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/2/2014	1305-1315	1000	1000	0.00	7.40	1.74	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/2/2014	1325-1335	1000	1000	0.00	7.80	0.81	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/2/2014	1115-1125	750	750	0.00	7.20	0.44	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/2/2014	1135-1155	2000	2000	0.00	7.30	8.20	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/2/2014	1355-1440	3375	3375	0.00	7.30	0.42	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/2/2014	1355-1440	2600	2600	0.00	7.30	0.36	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/2/2014	1355-1440	3450	3450	0.00	7.30	3.92	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/3/2014	1010-1020	850	850	0.00	7.20	1.97	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/2/2014	1410-1420	850	850	0.00	6.80	0.55	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/6/2014	1010-1050	4000	4000	0.00	7.30	0.79	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/6/2014	0950-1150	12000	12000	0.00	6.80	0.46	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/6/2014	0950-1050	4200	4200	0.00	7.50	0.97	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/6/2014	0950-1130	5000	5000	0.00	8.00	0.73	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/6/2014	0950-1050	4200	4200	0.00	7.50	0.46	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/6/2014	1000-1020	1200	1200	0.00	7.50	1.19	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/6/2014	1130-1200	2000	2000	0.00	8.00	1.86	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/20/2014	0840-0940	3000	3000	0.00	7.60	0.19	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/20/2014	0840-0940	3000	3000	0.00	7.80	0.97	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/20/2014	0840-0940	3000	3000	0.00	7.50	1.12	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/20/2014	0820-0845	1200	1200	0.00	8.10	0.56	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/20/2014	0830-0855	1200	1200	0.00	7.90	0.38	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/20/2014	1000-1025	2500	2500	0.00	7.80	1.17	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/20/2014	1030-1040	1000	1000	0.01	7.90	1.19	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/20/2014	1050-1100	1000	1000	0.01	8.00	0.91	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/20/2014	1110-1120	1000	1000	0.00	7.50	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/20/2014	1140-1150	1000	1000	0.00	7.50	0.27	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/20/2014	1240-1250	1000	1000	0.00	7.80	0.33	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/20/2014	1300-1310	1000	1000	0.01	7.60	0.63	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/21/2014	0900-0920	2000	2000	0.00	7.50	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/21/2014	0930-0945	1500	1500	0.00	7.50	0.73	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/21/2014	1000-1015	1500	1500	0.00	7.50	1.11	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/21/2014	0930-0950	850	850	0.00	7.90	1.94	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/21/2014	0850-0920	3000	3000	0.00	7.50	2.17	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/27/2014	0845-0910	2500	2500	0.00	7.20	1.08	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/27/2014	0820-1020	12000	12000	0.00	7.00	0.63	Dechlorination/Removed Debris or other Pollutants before flushing
End of Paul	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/27/2014	0840-0900	2000	2000	0.00	7.80	1.12	Dechlorination/Removed Debris or other Pollutants before flushing
Glen Park/Humboldt	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/27/2014	0920-0945	600	600	0.00	7.80	1.76	Dechlorination/Removed Debris or other Pollutants before flushing
400 Industrial	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/27/2014	0920-1030	16000	16000	0.00	7.00	1.25	Dechlorination/Removed Debris or other Pollutants before flushing
Tunnel Ave	Hydrant Flushing	Brisbane Lagoon/SF Bay	10/27/2014	1300-1320	2000	2000	0.00	7.50	0.67	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/27/2014	1130-1230	4500	4500	0.00	7.80	0.76	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/27/2014	1130-1230	4500	4500	0.01	7.60	1.13	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/27/2014	1130-1230	4500	4500	0.01	8.10	0.85	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/27/2014	1000-1030	3000	3000	0.00	7.90	1.07	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	10/27/2014	1040-1120	2500	2500	0.00	7.90	0.73	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/3/2014	0900-0930	1500	1500	0.00	7.80	1.07	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/3/2014	0900-0930	1500	1500	0.01	8.10	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/3/2014	0900-0930	1500	1500	0.01	7.80	0.89	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/3/2014	0935-1000	1500	1500	0.00	7.50	1.33	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/3/2014	1115-1135	1500	1500	0.00	7.50	1.19	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/3/2014	1025-1035	1000	1000	0.00	7.50	1.25	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/3/2014	1045-1055	1000	1000	0.00	7.50	1.69	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/3/2014	1105-1115	1000	1000	0.00	7.30	0.99	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/3/2014	0815-0830	750	750	0.00	7.30	1.06	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/3/2014	0945-1000	1500	1500	0.00	7.40	5.67	Dechlorination/Removed Debris or other Pollutants before flushing
290 Industrial	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/3/2014	0910-0930	2000	2000	0.00	8.00	0.86	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/3/2014	0845-1435	65000	65000	0.00	8.00	1.11	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Drop Tank	Brisbane Lagoon/SF Bay	11/4/2014	0830-1430	35000	35000	0.01	7.50	1.11	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Drop Tank	Brisbane Lagoon/SF Bay	11/5/2014	0830-1300	13000	13000	0.01	7.80	0.91	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Drop Tank	Brisbane Lagoon/SF Bay	11/6/2014	1000-1330	26000	26000	0.00	7.50	0.78	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Drop Tank	Brisbane Lagoon/SF Bay	11/7/2014	1000-1420	44000	44000	0.01	7.80	1.11	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/10/2014	1000-1020	2000	2000	0.00	7.80	0.67	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/10/2014	1030-1040	1000	1000	0.00	8.00	0.30	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/10/2014	1050-1100	1000	1000	0.00	7.50	0.81	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/10/2014	0850-0910	1000	1000	0.00	7.90	1.87	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/10/2014	0915-0945	3000	3000	0.00	7.80	2.35	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/10/2014	1110-1130	2000	2000	0.00	7.80	1.16	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/10/2014	1110-1130	2000	2000	0.00	7.90	1.03	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/10/2014	1110-1130	2000	2000	0.00	8.00	0.71	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/10/2014	1140-1200	1200	1200	0.00	7.50	0.91	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/10/2014	1240-1300	1200	1200	0.00	7.50	0.66	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/17/2014	0830-1120	12500	12500	0.00	7.50	0.63	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/17/2014	0845-1130	25000	25000	0.00	7.90	1.07	Dechlorination/Removed Debris or other Pollutants before flushing
End of Paul	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/17/2014	1040-1110	850	850	0.00	8.00	0.72	Dechlorination/Removed Debris or other Pollutants before flushing
Glen Park/Humboldt	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/17/2014	1010-1030	250	250	0.00	7.90	0.71	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/17/2014	1230-1310	2200	2200	0.00	7.80	0.71	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/17/2014	1235-1315	2300	2300	0.00	7.90	0.75	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/17/2014	1240-1320	2100	2100	0.00	8.10	0.87	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/17/2014	1410-1425	1500	1500	0.00	7.50	1.07	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/17/2014	1430-1425	1500	1500	0.00	7.50	1.11	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/18/2014	0730-1050	13200	13200	0.00	7.50	0.66	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/18/2014	0850-0905	1500	1500	0.00	7.70	1.01	Dechlorination/Removed Debris or other Pollutants before flushing
Harbormaster	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/18/2014	0940-0955	1000	1000	0.00	7.50	0.65	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/24/2014	1430-1450	1050	1050	0.00	7.80	1.12	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/24/2014	1430-1450	1275	1275	0.00	7.80	0.83	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	11/24/2014	1430-1450	1275	1275	0.00	7.80	1.73	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/24/2014	1055-1125	3000	3000	0.00	7.30	1.30	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/24/2014	1135-1145	1000	1000	0.00	7.40	2.28	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/24/2014	1155-1205	1000	1000	0.00	7.50	2.71	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/24/2014	1250-1300	1000	1000	0.00	7.20	1.33	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/24/2014	1310-1325	1500	1500	0.00	7.10	1.82	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/24/2014	1335-1345	1000	1000	0.00	7.00	1.13	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	11/24/2014	1355-1405	1000	1000	0.00	7.20	0.90	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/1/2014	1130-1140	1000	1000	0.00	7.80	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/1/2014	1145-1155	1000	1000	0.00	7.80	0.33	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/1/2014	1200-1210	1000	1000	0.00	8.00	0.84	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/1/2014	1110-1120	800	800	0.00	7.50	1.17	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/1/2014	1030-1000	2000	2000	0.00	7.80	1.29	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/2/2014	0940-1100	5175	5175	0.00	7.20	0.78	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/2/2014	0940-1100	5925	5925	0.00	7.20	0.52	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/2/2014	0940-1100	5775	5775	0.00	7.20	1.64	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/2/2014	1225-1240	750	750	0.00	7.40	1.23	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/2/2014	1250-1305	750	750	0.00	7.00	1.97	Dechlorination/Removed Debris or other Pollutants before flushing
Lipman PRV (winter only)	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/8/2014	1145-1155	1000	1000	0.00	7.00	1.34	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/8/2014	0920-1020	6000	6000	0.00	6.90	1.07	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/8/2014	0900-1100	12000	12000	0.00	7.20	0.86	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Paul	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/8/2014	1030-1100	1200	1200	0.00	7.80	1.11	Dechlorination/Removed Debris or other Pollutants before flushing
Glen Park/Humboldt	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/8/2014	0900-0920	800	800	0.01	7.80	0.26	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/8/2014	1305-1325	1500	1500	0.00	7.50	1.57	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/8/2014	1230-1330	2200	2200	0.00	7.80	1.03	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/8/2014	1230-1330	2200	2200	0.00	8.00	0.79	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/8/2014	1230-1330	2200	2200	0.00	7.50	0.77	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/8/2014	1305-1325	1500	1500	0.00	7.50	1.57	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/8/2014	0930-1000	1500	1500	0.00	7.50	0.93	Dechlorination/Removed Debris or other Pollutants before flushing
155 S. Hill	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/9/2014	0845-0900	1500	1500	0.00	7.90	0.39	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/19/2014	0950-1040	5000	5000	0.00	7.00	0.90	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/19/2014	1055-1125	3000	3000	0.00	7.20	1.63	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/19/2014	1315-1335	3000	3000	0.00	7.10	1.54	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/19/2014	1345-1355	1000	1000	0.00	7.40	1.09	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/19/2014	1405-1415	1000	1000	0.00	7.30	0.98	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/19/2014	1425-1435	1000	1000	0.00	7.30	0.98	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/19/2014	1445-1455	1000	1000	0.00	7.10	1.50	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/22/2014	1000-1020	2000	2000	0.00	7.80	0.87	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/22/2014	1025-1035	1000	1000	0.01	8.00	0.36	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/22/2014	1045-1055	1000	1000	0.01	7.90	0.42	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/22/2014	0930-1300	48000	48000	0.00	7.20	0.84	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/22/2014	0950-1130	10000	10000	0.00	6.90	1.68	Dechlorination/Removed Debris or other Pollutants before flushing
Monarch	Fire Department Hose Pressure Test	Brisbane Lagoon/SF Bay	12/23/2014	1420-1430	1016	1016	0.00	6.50	27.40	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/23/2014	0820-1310	66000	66000	0.00	7.30	0.68	Dechlorination/Removed Debris or other Pollutants before flushing
Crocker Tank	Drop Tank	Brisbane Lagoon/SF Bay	12/22/2014	0745-1400	130000	130000	0.00	7.20	0.72	Dechlorination/Removed Debris or other Pollutants before flushing
Crocker Tank	Drain Tank	Brisbane Lagoon/SF Bay	12/23/2014	0805-1300	100000	100000	0.00	7.60	0.95	Dechlorination/Removed Debris or other Pollutants before flushing
Lipman PRV (winter only)	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/29/2014	1030-1040	1000	1000	0.00	7.40	1.24	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Paul	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/29/2014	1110-1120	750	750	0.00	7.80	1.17	Dechlorination/Removed Debris or other Pollutants before flushing
Glen Park/Humboldt	Hydrant Flushing	Brisbane Lagoon/SF Bay	12/29/2014	0745-0750	75	75	0.00	7.50	1.49	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/29/2014	1055-1225	7500	7500	0.00	7.10	0.42	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/29/2014	1055-1400	12000	12000	0.00	7.10	0.46	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/29/2014	1055-1225	7500	7500	0.00	7.10	0.92	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/29/2014	1325-1340	750	750	0.00	7.00	0.54	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	12/29/2014	1130-1145	500	500	0.00	7.30	0.39	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/5/2015	1010-1050	4500	4500	0.00	7.10	0.70	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/5/2015	1105-1115	1000	1000	0.00	7.00	0.84	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/5/2015	1125-1135	1000	1000	0.00	7.60	1.59	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/5/2015	1145-1155	1000	1000	0.00	7.50	1.24	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/5/2015	1240-1250	1000	1000	0.00	7.70	0.75	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/5/2015	1300-1315	1500	1500	0.00	7.00	1.28	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/5/2015	1325-1335	1000	1000	0.00	7.30	1.15	Dechlorination/Removed Debris or other Pollutants before flushing
Crocker Tank	Drop Tank	Brisbane Lagoon/SF Bay	12/30/2014	0750-1325	101000	101000	0.00	7.00	1.26	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Drop Tank	Brisbane Lagoon/SF Bay	12/30/2014	0815-1315	69000	69000	0.00	7.10	0.56	Dechlorination/Removed Debris or other Pollutants before flushing
Crocker Tank	Drop Tank	Brisbane Lagoon/SF Bay	12/31/2014	0730-1050	130000	130000	0.00	7.90	1.49	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Drop Tank	Brisbane Lagoon/SF Bay	12/31/2014	0810-1113	42000	42000	0.00	7.50	0.63	Dechlorination/Removed Debris or other Pollutants before flushing
Crocker Tank	Drop Tank	Brisbane Lagoon/SF Bay	1/2/2015	0915-1430	60000	60000	0.00	8.80	0.48	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Drop Tank	Brisbane Lagoon/SF Bay	1/2/2015	0940-1440	66000	66000	0.00	8.90	0.40	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Drop Tank	Brisbane Lagoon/SF Bay	1/5/2015	0835-1350	74600	74600	0.00	7.30	0.75	Dechlorination/Removed Debris or other Pollutants before flushing
Crocker Tank	Drop Tank	Brisbane Lagoon/SF Bay	1/5/2015	0935-1445	61000	61000	0.00	7.20	0.62	Dechlorination/Removed Debris or other Pollutants before flushing
Crocker Tank	Drop Tank	Brisbane Lagoon/SF Bay	1/6/2015	0745-1430	83000	83000	0.00	7.40	0.87	Dechlorination/Removed Debris or other Pollutants before flushing
Crocker Tank	Drop Tank	Brisbane Lagoon/SF Bay	1/7/2015	0820-1205	41000	41000	0.00	7.60	0.51	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Drop Tank	Brisbane Lagoon/SF Bay	1/7/2015	0840-1220	43000	43000	0.00	7.60	0.81	Dechlorination/Removed Debris or other Pollutants before flushing
Guadalupe	Drop Tank	Brisbane Lagoon/SF Bay	1/8/2015	0815-1445	31000	31000	0.00	7.30	0.55	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
Crocker Tank	Drop Tank	Brisbane Lagoon/SF Bay	1/8/2015	0900-1430	66000	66000	0.00	7.20	0.48	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/12/2015	0945-1000	1500	1500	0.00	7.90	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/12/2015	1010-1020	1000	1000	0.00	7.90	0.56	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/12/2015	1030-1040	1000	1000	0.00	8.00	0.89	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/12/2015	0920-1150	15000	15000	0.00	8.00	1.01	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/12/2015	0900-1130	15000	15000	0.00	7.50	0.53	Dechlorination/Removed Debris or other Pollutants before flushing
Lipman PRV (winter only)	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/20/2015	1420-1430	1000	1000	0.00	6.80	0.74	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/20/2015	1440-1450	750	750	0.00	7.60	0.68	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/20/2015	1020-1030	1000	1000	0.00	7.10	1.88	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/20/2015	1045-1135	2850	2850	0.00	8.00	1.11	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/20/2015	1045-1405	12300	12300	0.00	8.00	0.59	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/20/2015	1045-1135	2550	2550	0.00	8.00	1.30	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/21/2015	1035-1045	1500	1500	0.00	7.60	0.89	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/21/2015	0940-0950	400	400	0.00	7.30	0.66	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/26/2015	0905-0930	2500	2500	0.00	7.60	0.65	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/26/2015	0945-0955	1000	1000	0.00	7.30	0.83	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/26/2015	1005-1015	1000	1000	0.00	6.90	1.19	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/26/2015	1025-1035	1000	1000	0.00	7.30	1.45	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/26/2015	1045-1055	1000	1000	0.00	7.50	0.92	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/26/2015	1105-1120	1500	1500	0.00	7.20	1.60	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	1/26/2015	1130-1140	1000	1000	0.00	7.50	0.48	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	1/26/2015	1200-1400	8775	8775	0.00	7.40	0.45	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/2/2015	0920-0940	2000	2000	0.00	7.80	0.19	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/2/2015	0950-1000	1000	1000	0.00	8.10	0.37	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/2/2015	1010-1020	1000	1000	0.00	7.90	0.41	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/2/2015	0830-1100	15000	15000	0.00	8.00	1.07	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/2/2015	0815-1115	14500	14500	0.00	7.50	0.83	Dechlorination/Removed Debris or other Pollutants before flushing
Lipman PRV (winter only)	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/9/2015	1025-1035	1000	1000	0.00	7.00	0.91	Dechlorination/Removed Debris or other Pollutants before flushing
Glen Park/Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/9/2015	1305-1315	400	400	0.00	7.10	0.42	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/9/2015	1105-1115	500	500	0.00	7.20	0.72	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/9/2015	1125-1135	700	700	0.00	7.50	0.43	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/9/2015	1335-1350	1050	1050	0.00	6.70	0.99	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/10/2015	0805-1050	17204	17204	0.00	7.50	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/10/2015	0805-1050	15708	15708	0.00	7.30	0.39	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	2/10/2015	0805-1050	11220	11220	0.00	7.30	0.51	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/17/2015	1020-1050	3000	3000	0.00	7.50	1.50	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/17/2015	1100-1110	1000	1000	0.00	7.30	1.46	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/17/2015	1120-1130	1000	1000	0.00	7.30	1.08	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/17/2015	1140-1150	1000	1000	0.00	7.00	0.83	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/17/2015	1230-1240	1000	1000	0.00	7.40	0.78	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/17/2015	1250-1300	1000	1000	0.00	7.40	1.07	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/17/2015	1310-1320	1000	1000	0.00	7.30	0.89	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/23/2015	0821-0838	2000	2000	0.00	6.50	2.47	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/23/2015	0850-0902	1100	1100	0.00	6.50	0.47	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/23/2015	0919-0926	1000	1000	0.00	6.70	1.25	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/23/2015	0835-0905	3000	3000	0.00	7.00	0.51	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	2/23/2015	0815-0945	14000	14000	0.00	7.20	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/2/2015	0755-0815	2100	2100	0.01	6.80	2.73	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/9/2015	0815-0845	2000	2000	0.00	7.00	0.50	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/9/2015	0855-0905	1000	1000	0.00	7.60	0.74	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/9/2015	0915-0925	1000	1000	0.00	7.40	0.66	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/9/2015	0935-0945	1000	1000	0.00	7.30	0.44	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/9/2015	0955-1005	1000	1000	0.00	7.30	0.35	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/9/2015	1015-1025	1000	1000	0.00	7.50	0.39	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/9/2015	1035-1045	1000	1000	0.00	7.80	0.39	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/16/2015	1100-1111	400	400	0.00	7.20	0.72	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/16/2015	1151-1201	500	500	0.00	7.20	0.72	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/16/2015	1018-1038	1900	1900	0.00	7.00	0.50	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/16/2015	0947-1135	47000	47000	0.00	7.30	0.45	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/16/2015	0845-1005	12750	12750	0.00	7.80	0.46	Dechlorination/Removed Debris or other Pollutants before flushing
Harbormaster	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/16/2015	0900-0930	1500	1500	0.00	7.00	0.44	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/23/2015	1045-1103	1300	1300	0.00	7.20	1.31	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/23/2015	1020-1030	500	500	0.00	7.20	1.42	Dechlorination/Removed Debris or other Pollutants before flushing
End of Paul	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/23/2015	1143-1153	500	500	0.00	7.30	1.26	Dechlorination/Removed Debris or other Pollutants before flushing
Glen Park/Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/23/2015	1115-1125	200	200	0.00	7.80	0.87	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/23/2015	1300-1340	2319	2319	0.00	7.00	0.54	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/23/2015	1300-1340	1795	1795	0.00	7.30	0.37	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/23/2015	1300-1340	2020	2020	0.00	7.20	1.82	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/24/2015	1015-1121	4937	4937	0.00	7.00	1.46	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	3/23/2015	1420-1435	800	800	0.00	6.80	2.25	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/30/2015	0830-0840	598	598	0.00	7.00	0.65	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/30/2015	1300-1315	898	898	0.00	7.20	0.77	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/30/2015	1333-1343	673	673	0.00	7.50	0.98	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/30/2015	1355-1430	2169	2169	0.00	7.00	0.54	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/30/2015	1405-1410	500	500	0.00	7.40	0.42	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/30/2015	1350-1355	500	500	0.00	7.20	0.56	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	3/30/2015	1335-1340	500	500	0.00	7.00	0.28	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/6/2015	0800-0810	1000	1000	0.00	7.00	0.41	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/6/2015	0820-0825	500	500	0.00	7.60	0.66	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/6/2015	0835-0840	500	500	0.00	7.40	0.37	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/6/2015	0910-0955	3300	3300	0.00	7.00	0.42	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/6/2015	0835-1015	12000	12000	0.00	7.50	0.54	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/13/2015	1315-1325	718	718	0.00	7.30	0.69	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/13/2015	1235-1255	1000	1000	0.00	7.00	1.84	Dechlorination/Removed Debris or other Pollutants before flushing
End of Paul	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/13/2015	1130-1145	600	600	0.00	7.50	0.70	Dechlorination/Removed Debris or other Pollutants before flushing
Glen Park/Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/13/2015	0935-0945	450	450	0.00	7.20	0.42	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/13/2015	0930-1000	3200	3200	0.00	6.50	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/13/2015	0930-1000	3200	3200	0.00	7.50	0.39	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/13/2015	0930-1000	6000	6000	0.00	7.00	0.93	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/13/2015	1045-1105	2100	2100	0.00	6.80	1.03	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	4/13/2015	1130-1200	2500	2500	0.00	6.80	0.66	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/20/2015	0855-0910	1000	1000	0.00	7.20	0.46	Dechlorination/Removed Debris or other Pollutants before flushing
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/20/2015	0920-0930	700	700	0.00	7.60	0.71	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/20/2015	0940-0950	800	800	0.00	7.30	0.64	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/20/2015	1025-1040	1000	1000	0.00	6.90	0.81	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/20/2015	1045-1055	1000	1000	0.00	7.30	0.86	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/20/2015	1110-1120	500	500	0.00	7.20	0.55	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/20/2015	1130-1150	1300	1300	0.00	7.00	0.36	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/27/2015	0810-0825	800	800	0.00	7.10	0.78	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/27/2015	1050-1100	700	700	0.00	6.90	1.37	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/27/2015	1110-1120	800	800	0.00	7.30	0.88	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/27/2015	0930-1012	3600	3600	0.00	7.50	0.43	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	4/27/2015	1130-1255	19300	19300	0.00	7.50	0.72	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/4/2015	0930-0900	1200	1200	0.01	7.00	1.17	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/4/2015	0835-0900	1000	1000	0.00	6.80	0.84	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/4/2015	0840-0905	850	850	0.01	7.10	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/4/2015	1000-1015	1000	1000	0.00	7.50	0.37	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/4/2015	1030-1050	1200	1200	0.00	7.50	0.73	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/4/2015	0939-0940	508	508	0.00	7.20	0.32	Dechlorination/Removed Debris or other Pollutants before flushing
500 Alvarado	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/4/2015	1040-1050	900	900	0.00	7.60	1.31	Dechlorination/Removed Debris or other Pollutants before flushing
End of Paul	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/4/2015	1016-1042	2300	2300	0.00	7.50	1.72	Dechlorination/Removed Debris or other Pollutants before flushing
Glen Park/Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/4/2015	0812-0825	400	400	0.00	7.50	0.78	Dechlorination/Removed Debris or other Pollutants before flushing
Industrial	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/4/2015	1330-1350	1421	1421	0.00	7.00	2.20	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/12/2015	0845-0915	2300	2300	0.00	7.50	0.77	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/12/2015	0845-1000	4000	4000	0.00	7.50	0.72	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/12/2015	0845-0925	2100	2100	0.00	7.50	0.59	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/12/2015	1040-1050	500	500	0.00	6.70	0.27	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Warbler	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/12/2015	1105-1115	900	900	0.00	7.10	1.11	Dechlorination/Removed Debris or other Pollutants before flushing
End of Golden Eagle	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/12/2015	1125-1135	800	800	0.00	7.00	0.65	Dechlorination/Removed Debris or other Pollutants before flushing
End of Cliff Swallow	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/12/2015	1010-1020	600	600	0.00	7.00	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/12/2015	0945-0955	700	700	0.00	7.20	0.45	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/12/2015	0923-0932	500	500	0.00	6.90	0.58	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/12/2015	0858-0908	600	600	0.00	7.20	0.55	Dechlorination/Removed Debris or other Pollutants before flushing
Bayshore	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/12/2015	0810-0845	3000	3000	0.00	7.00	0.76	Dechlorination/Removed Debris or other Pollutants before flushing
End of Huckleberry	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/18/2015	1142-1155	700	700	0.00	6.90	0.44	Dechlorination/Removed Debris or other Pollutants before flushing
65 Golden Aster	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/18/2015	1110-1118	600	600	0.00	7.50	0.90	Dechlorination/Removed Debris or other Pollutants before flushing
End of Lily Court	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/18/2015	1130-1137	300	300	0.00	7.30	0.36	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/18/2015	0936-1036	3900	3900	0.00	7.50	0.26	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	5/18/2015	0903-1020	16000	16000	0.00	7.10	0.35	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/26/2015	0935-0945	750	750	0.00	7.60	1.16	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
500 Alvarado	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/26/2015	1000-1010	1000	1000	0.00	7.40	7.47	Dechlorination/Removed Debris or other Pollutants before flushing
End of Paul	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/26/2015	0935-1000	1000	1000	0.00	7.00	0.91	Dechlorination/Removed Debris or other Pollutants before flushing
Glen Park/Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/26/2015	0825-0838	200	200	0.00	6.80	0.72	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/26/2015	0925-1050	6507	6507	0.00	6.60	0.35	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/26/2015	0925-1055	7480	7480	0.00	7.00	0.26	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/26/2015	0925-1100	6956	6956	0.00	7.00	1.30	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/26/2015	1125-1145	400	400	0.00	7.20	0.47	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	5/26/2015	1420-1440	500	500	0.00	7.00	0.80	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/1/2015	0900-0918	1200	1200	0.00	7.00	0.80	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/1/2015	0900-0910	500	500	0.00	7.80	0.70	Dechlorination/Removed Debris or other Pollutants before flushing
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/1/2015	0915-0925	500	500	0.00	7.50	0.49	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/1/2015	0935-0945	500	500	0.00	7.50	0.53	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
500 Alvarado	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/1/2015	0935-0945	700	700	0.00	7.30	2.38	Dechlorination/Removed Debris or other Pollutants before flushing
End of Bayshore (north)	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/11/2015	1355-1439	2500	2500	0.00	7.50	0.66	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/11/2015	1334-1458	10000	10000	0.00	7.75	0.82	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #1	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/18/2015	1300-1315	1700	1700	0.00	7.10	0.55	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #2	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/18/2015	1300-1341	5100	5100	0.00	7.80	0.80	Dechlorination/Removed Debris or other Pollutants before flushing
Trinity #3	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/18/2015	1300-1324	2300	2300	0.00	7.50	0.81	Dechlorination/Removed Debris or other Pollutants before flushing
Joy Ave	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/18/2015	1328-1358	700	700	0.00	7.00	0.67	Dechlorination/Removed Debris or other Pollutants before flushing
Humboldt Road	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/18/2015	1405-1425	2600	2600	0.00	6.90	0.47	Dechlorination/Removed Debris or other Pollutants before flushing
Mariposa/San Bruno	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/18/2015	1305-1315	800	800	0.00	7.50	1.72	Dechlorination/Removed Debris or other Pollutants before flushing
End of Paul	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/18/2015	1350-1420	1200	1200	0.00	7.50	0.81	Dechlorination/Removed Debris or other Pollutants before flushing
Glen Park/Humboldt	Manual/Auto Flushing	Brisbane Lagoon/SF Bay	6/18/2015	1250-1255	200	200	0.00	7.50	0.47	Dechlorination/Removed Debris or other Pollutants before flushing
End of Rock Wren	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/22/2015	0813-0836	900	900	0.00	7.30	0.63	Dechlorination/Removed Debris or other Pollutants before flushing
End of Red Hawk	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/23/2015	1010-1013	100	100	0.00	7.55	0.71	Dechlorination/Removed Debris or other Pollutants before flushing

Attachement 15-1 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 (NTU)	Implemented BMP & Corrective Action
End of Fox Sparrow	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/23/2015	0953-0958	300	300	0.00	7.02	0.46	Dechlorination/Removed Debris or other Pollutants before flushing
End of Kestrel	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/23/2015	0940-0945	400	400	0.00	8.08	0.55	Dechlorination/Removed Debris or other Pollutants before flushing
End of Guadalupe	Hydrant Flushing	Brisbane Lagoon/SF Bay	6/29/2015	0850-0910	1000	1000	0.00	7.50	0.31	Dechlorination/Removed Debris or other Pollutants before flushing

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

On 01/02/2015 there were 2 occurrences of planned discharges with a PH greater than 8.5 (8.8 and 8.9). These occurrences were a one day event that triggered corrective actions. The employee was counseled on correct discharge procedures and requirements. In addition to the employee being retrained and counseled, we set up annual training for all Public Works O&M employees for proper discharge procedures. These are the only 2 occurrences that exceeded the benchmarks for planned discharges in FY 14-15.