



October 1, 2018

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 2017/18 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the **City of Brisbane** pursuant to Permit Provision C.17.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2015-0049, 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 2017/18 and related accomplishments.

Please contact **Randy Breault** at **415-508-2130** regarding any questions or concerns.

Very truly yours,

A handwritten signature in blue ink that reads "Randy Breault".

Duly Authorized Representative
Director of Public Works/City Engineer

**City of Brisbane
FY 2017/18 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:

 

Name and Title Date

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Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Brisbane				
Population:	4,282 (2010 census)				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2015-0049				
Reporting Time Period (month/year):	July 2017 through June 2018				
Name of the Responsible Authority:	Randy Breault		Title:	Director of Public Works/City Engineer	
Mailing Address:	50 Park Place				
City:	Brisbane	Zip Code:	94005	County:	San Mateo
Telephone Number:	415.508.2131		Fax Number:	415.467.5547	
E-mail Address:	Rbreault@Brisbaneca.org				
Name of the Designated Stormwater Management Program Contact (if different from above):	Keegan Black		Title:	Regulatory Compliance Manager	
Department:	Public Works				
Mailing Address:	50 Park Place				
City:	Brisbane	Zip Code:	94005	County:	San Mateo
Telephone Number:	415.508.2130		Fax Number:	415.467.5547	
E-mail Address:	Kblack@Brisbaneca.org				

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 of its one corporation yard per our Stormwater Pollution Prevention Plan.

For FY 17-18 City staff has continued to volunteer to chair and facilitate the Countywide Program's Municipal Maintenance subcommittee meetings.

The City does not own or operate any stormwater pump stations or rural roads.

Refer to the C.2 Municipal Operations section of the Program's FY 17-18 Annual Report for a description of activities implemented at the countywide and/or regional level.

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

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

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

Comments:

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

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

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

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

Comments:

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

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

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

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

Comments:

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

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

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

Does your municipality own/maintain rural¹ roads:

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

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

N/A	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
N/A	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
N/A	No impact to creek functions including migratory fish passage during construction of roads and culverts
N/A	Inspection of rural roads for structural integrity and prevention of impact on water quality
N/A	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
N/A	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
N/A	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings
Comments including listing increased maintenance in priority areas: The City of Brisbane does not own or maintain any rural roads.	

¹Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

C.2.f. ► Corporation Yard BMP Implementation

Place an X in the boxes below that apply to your corporations yard(s):

N/A	We do not have a corporation yard
N/A	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
X	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:	
X	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
X	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
X	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
X	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
X	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

The City developed a SWPPP for its single corporation yard in accordance with the permit requirements. The city has a covered wash rack that uses a sump to collect wash water. Vehicle maintenance is performed indoors or under cover. Spill kits with dry-sweep and hydrophobic mats are located in key areas. Raw materials are stored under cover or bermed to contain pollutants. Hazardous materials are stored indoors with secondary containment.

Annual Corp. Yard inspections are conducted in September.

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	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date ²	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions

² Minimum inspection frequency is once a year during September.

**FY 2017-2018 Annual Report
Permittee Name: City of Brisbane**

C.2 – Municipal Operations

Brisbane Public Works Corporation Yard	Vehicle and Equipment Washing	9-21-2017	Wash rack was clean and organized. Sump pump is operational. Holding tank is adequately sized.	N/A
Brisbane Public Works Corporation Yard	Vehicle and Equipment Maintenance and Repair	9-21-2017	Repair shed area has no visible sign of discharges or pollution.	N/A
Brisbane Public Works Corporation Yard	Fuel Dispensing	9-21-2017	Equipment fueling is conducted under cover whenever feasible. Area has no visible signs of discharges	N/A
Brisbane Public Works Corporation Yard	Municipal Vehicle, Equipment and Employee Parking	9-21-2017	Parking lots are kept clean and orderly. BMPs are followed to control potential pollutants.	N/A
Brisbane Public Works Corporation Yard	Waste and Recycle Storage	9-21-2017	Trash enclosure is free of debris.	N/A
Brisbane Public Works Corporation Yard	Outdoor Material Storage	9-21-2017	All outdoor material is under cover.	N/A

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

C.3.b.iv.(2) ► Regulated Projects Reporting
 Fill in attached table C.3.b.iv.(2) or attach your own table including the same information. See attached table

C.3.e.iv. ► Alternative or In-Lieu Compliance with Provision C.3.c.	Yes	No
Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?		X
Comments (optional):		

C.3.e.v ► Special Projects Reporting	Yes	No
1. In FY 2017-18, 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)?		X
2. In FY 2017-18, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the C.3.b.iv.(2) Table, and the C.3.e.v. Table.	Yes	No
If you answered "Yes" to either question, 1) Complete Table C.3.e.v. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. N/A		

C.3.h.v.(2) ► Reporting Newly Installed Stormwater Treatment Systems and HM Controls (Optional)

On an annual basis, before the wet season, provide a list of newly installed (installed within the reporting year) stormwater treatment systems and HM controls to the local mosquito and vector control agency and the Water Board. The list shall include the facility locations and a description of the stormwater treatment measures and HM controls installed.

See attached Table C.3.h.v.(2) for list of newly installed Stormwater Treatment Systems/HM Controls.

C.3.h.v.(3)(a) –(c) and (f) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

Site Inspections Data	Number/Percentage
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY16-17)	3
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 17-18)	4
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 17-18)	1
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 17-18)	33%³

³ Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year, per MRP Provision C.3.h.ii.(6)(b).

C.3.h.v.(3)(d)-(e) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

Provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:

City staff inspected one of the three sites with C.3 regulated treatment systems, and found the treatment systems, flow-through planters, to be in good condition.

There were no issues to note.

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:

Staff has found that the O&M program is sufficient. There were only three sites with 8 regulated treatment units in Brisbane during this reporting period and it's anticipated that this will increase to 5 sites for the 2018/19 reporting period. Staff will prioritize the newer sites in upcoming years to help ensure that maintenance on these newer systems is being done properly. Staff will continue to target rainfall events for inspections.

C.3.h.v.(4) ► Enforcement Response Plan

Does your agency have an Enforcement Response Plan for all O&M inspections of stormwater treatment measures?

X	Yes	No
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If No, 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:

The City of Brisbane has procedural requirements for small projects and detached single family home projects, approved after December 1, 2012, to complete the BASMAA prepared Stormwater Checklist for Small Projects as part of the Building Permit application process, which includes identification one or more site design measures listed in Provision C.3.i., as well as source control and best management practices, that are to be included in the project plans. For projects subject to discretionary review the requirement is addressed up front, as part of the applicable planning permit.

BASMAA also prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, which the City uses as a resource. The Stormwater Controls for Small Projects fact sheets include the following:

- Rain Gardens
- Landscape Designs for Stormwater Management
- Pervious Pavement
- Rain barrels and Cisterns

The City also participates in the San Mateo Countywide Water Pollution Prevention Program's New Development Subcommittee and in countywide training events.

C.3.j.i.(5)(d) ► Green Infrastructure Outreach

On an annual basis, provide a summary of your agency's outreach and education efforts pertaining to Green Infrastructure planning and implementation.

Summary:

City Staff attended the SMCWPPP Stormwater Controls for Regulated Development Projects/Green Infrastructure Projects June 21, 2017

The City has also been participating in the County-wide Green Infrastructure Committee to help in the development of the Green Infrastructure plan.

Please refer to the SMCWPPP FY 17-18 Annual Report for a summary of outreach efforts implemented.

C.3.j.ii.(2) ► Early Implementation of Green Infrastructure Projects

On an annual basis, submit a list of green infrastructure projects, public and private, that are already planned for implementation during the permit term and infrastructure projects planned for implementation during the permit term that have potential for green infrastructure measures. Include the following information:

- A summary of planning or implementation status for each public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. (see C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects).
- A summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description of the project and the reasons green infrastructure measures were impracticable to implement (see C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure).

Background Information:

Describe how this provision is being implemented by your agency, including the process used by your agency to identify projects with potential for green infrastructure, if applicable.

City staff has reviewed 41 projects from the City's Capital Improvement Program using the BASMAA Guidance and the SMCWPPP GI – Opportunity matrix. We have 2 projects that will include GI, 1 project that has potential for GI and 38 projects that have no potential. The 2 projects that will include GI are the construction of a new Brisbane Library and a grant from C/CAG for Safe Routes to Schools/Green Streets. The project with potential for GI is a development plan to rezone and restructure the entryway to Brisbane. The redevelopment of the entryway to Brisbane has a high potential for green infrastructure and is predicted to be C.3 regulated project.

Summary of Planning or Implementation Status of Identified Projects:

New Brisbane Library – This project is currently under construction. It will include a rainwater recovery system that will capture rainwater from 4,650 square feet of roof top. Rooftop rainwater is captured, filtered, sanitized and then pressurized to support toilet flushing. Municipal water is added to the system as a back-up if the rainwater cistern is empty. The system should meet 75% of total toilet flushing demand. The project is also proposed to include other vegetation based GI features and nearly 1,700 square feet of pervious paving.

Park Side Plan – This plan if adopted will allow potential growth in the central area of Brisbane through redevelopment of existing properties. This redevelopment will most likely include C.3 regulated projects.

Safe Routes to Schools – The City has been awarded nearly \$250,000 in grant funding from the C/CAG SRTS/GS Grant. The projects put forth in the grant application will include three locations with stormwater treatment areas.

See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B for the required information.

C.3.j.iii.(2) ▶ Participate in Processes to Promote Green Infrastructure

On an annual basis, report on the goals and outcomes during the reporting year of work undertaken to participate in processes to promote green infrastructure.

Please refer to the SMCWPPP FY 17-18 Annual Report for a summary of efforts conducted to help regional, State, and federal agencies plan, design and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.

C.3.j.iv.(2) ▶ Tracking and Reporting Progress

On an annual basis, report progress on development and implementation of methods to track and report implementation of green infrastructure measures and provide reasonable assurance that wasteload allocations for TMDLs are being met.

Please refer to the SMCWPPP FY 17-18 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

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

Project Name Project No.	Project Location ⁴ , Street Address	Name of Developer	Project Phase No. ⁵	Project Type & Description ⁶	Project Watershed ⁷	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ⁸	Total Replaced Impervious Surface Area (ft ²) ⁹	Total Pre- Project Impervious Surface Area ¹⁰ (ft ²)	Total Post- Project Impervious Surface Area ¹¹ (ft ²)
Private Projects											
Amazon Fresh	455 Valley Drive	Amazon Fresh	N/A	Industrial Warehouse Tenant Improvement	Southern	12.01	0.45	945	17,155	436,606	435,971*
Public Projects											
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments: <ul style="list-style-type: none"> Converted some of the pre-project impervious surface to landscaping, for a net reduction of 635 square feet of impervious surface. 											

⁴Include cross streets

⁵If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

⁶Project 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.

⁷State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

⁸All impervious surfaces added to any area of the site that was previously existing pervious surface.

⁹All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁰For redevelopment projects, state the pre-project impervious surface area.

¹¹For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Application Deemed Complete Date ¹²	Application Final Approval Date ¹³	Source Control Measures ¹⁴	Site Design Measures ¹⁵	Treatment Systems Approved ¹⁶	Type of Operation & Maintenance Responsibility Mechanism ¹⁷	Hydraulic Sizing Criteria ¹⁸	Alternative Compliance Measures ^{19/20}	Alternative Certification ²¹	HM Controls ^{22/23}
Private Projects										
Amazon Fresh	8/11/17	4/23/18	<ul style="list-style-type: none"> Storm Drain Stenciling Retaining and adding landscaping 	<ul style="list-style-type: none"> Directing roof runoff, walkways and parking to landscaping Conserve existing landscaping Minimize impervious surfaces 	Bioretention area	Maintenance Agreement	4% Rule	NA	Yes (City's consultant CSG)	NA. No increase in the pre-project impervious area.

¹²For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹³For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁴List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹⁵List 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.

¹⁶List 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.).

¹⁷List 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.

¹⁸See 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).

¹⁹For 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.

²⁰For 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.

²¹Note whether a third party was used to certify the project design complies with Provision C.3.d.

²²If HM control is not required, state why not.

²³If 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.iv.(2) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)

Project Name Project No.	Approval Date ²⁴	Date Construction Scheduled to Begin	Source Control Measures ²⁵	Site Design Measures ²⁶	Treatment Systems Approved ²⁷	Operation & Maintenance Responsibility Mechanism ²⁸	Hydraulic Sizing Criteria ²⁹	Alternative Compliance Measures ^{30/31}	Alternative Certification ³²	HM Controls ^{33/34}
Public Projects										
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments: N/A										

²⁴For public projects, enter the plans and specifications approval date.
²⁵List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
²⁶List 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.
²⁷List 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.).
²⁸List 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.
²⁹See 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).
³⁰For 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.
³¹For 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.
³²Note whether a third party was used to certify the project design complies with Provision C.3.d.
³³If HM control is not required, state why not.
³⁴If 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.v.(2). ► Table of Newly Installed³⁵ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

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

Name of Facility	Address of Facility	Party Responsible ³⁶ For Maintenance	Type of Treatment/HM Control(s)
Amazon Fresh	455 Valley Drive	Owner - CSHV Crocker, LLC (attn.: Geraldine Jimenez)	Bioretention Area

³⁵ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.
³⁶ State the responsible operator for installed stormwater treatment systems and HM controls.

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

Reporting Period – July 1 2017 - June 30, 2018

Project Name & No.	Permittee	Address	Application Submittal Date ³⁷	Status ³⁸	Description ³⁹	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁴⁰	LID Treatment Reduction Credit Available ⁴¹	List of LID Stormwater Treatment Systems ⁴²	List of Non-LID Stormwater Treatment Systems ⁴³
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

³⁷Date that a planning application for the Special Project was submitted.

³⁸Indicate 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.

³⁹Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴⁰For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴¹For 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.

⁴²List 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.

⁴³List 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.

Special Projects Narrative: N/A

There were no special projects.

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure

Project Name and Location ⁴⁴	Project Description	Status ⁴⁵	GI Included? ⁴⁶	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁷
Monterey Pine Vegetation Management - Brisbane Acres	Vegetation Management for Brisbane Acres - Monterey Pines (at Harold Rd.)	Complete	No	Impracticable – Maintenance Operation
Eucalyptus Removal	Eucalyptus Removal	Complete	No	Impracticable – Maintenance Operation
Firth Canyon Restoration	Firth Canyon Restoration	Complete	No	Impracticable – Natural Habitat Restoration
Brisbane Acres Land Purchase - Brisbane Acres	Purchase of Open Space	Funded in case of Acres property becoming available	No	Impracticable – Land purchasing to set aside as natural area.
Guadalupe Valley Trail Initiative - Guadalupe Valley	Habitat Restoration	Ongoing	No	Impracticable – Natural Habitat Restoration
Village Charging Station - Brisbane Village	Electric Vehicle Charging Station	Complete	No	Impracticable – Design Complete
Visitacion Ave.	Visitation Tree Pruning	Completed	No	Impracticable – Maintenance Operation
San Bruno Ave. Retaining wall replacement	Replace failing retaining wall on San Bruno Ave. near McLain Ave.	Delayed by SFPUC	No	Impracticable – No area to allow for GI
Retro reflectivity signs - All of City	Retro reflectivity sign replacement	Complete	No	Impracticable – Maintenance Operation
Safe Pedestrian Routes to Schools Project	Safe Pedestrian Routes to Schools Project	Design 75%	Yes	The City was granted nearly \$250,000 from the C/CAG Safe Routes to School/Green Streets Grant. We will be adding 5 GI treatment areas in 3 locations.
Traffic signal loop detector installation - Locations not finalized	Traffic signal loop detector installation	Finalizing Locations	No	Impracticable – Maintenance Operation
Mixing Basin Sedimentation	Supplemental Storm Drain	Initial Planning	No	Impracticable – Maintenance Operation

⁴⁴ List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁴⁵ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁶ Enter "Yes" if project will include GI measures, "No" if GI measures are impracticable to implement, or "TBD" if this has not yet been determined.

⁴⁷ Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

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C.3 – New Development and Redevelopment

Removal	cleaning				
Backup Generator Update - City Hall	Connect City Hall servers and phones to backup generator	Complete	No		Impracticable – Minor interior facility upgrade
Dish Washer Install - City Hall	City Hall dishwasher and plateware	Complete	No		Impracticable – Complete
Facility Assessment report, Plumbing - All City Facilities	Facility Assessment report - Plumbing	Complete	No		Impracticable – Complete
Resurface basketball courts - Park Lane Courts	Resurface basketball courts	Complete	No		Impracticable – Maintenance Operation
Water Master Plan	Revise City Water Master Plan	Complete	No		Impracticable – Complete
Replace Water Main VB/Lid - SPP/Marina Blvd	Replace Water Main Vault Lid	Complete	No		Impracticable – Maintenance Operation
Sewer Master Plan	Revise Sewer Master Plan	Complete	No		Impracticable – Complete
Trash Capture Device Install - Varied	Install storm drain trash capture devices	To Be Completed FY17/18	No		Impracticable – Outlet screens
VDLS Crane Refurbishment/Structure Recoating - Valley Drive Lift Station	VDLS Crane Refurbishment/Structure Recoating	Complete	No		Impracticable – Maintenance Operation
VDLS Grinder Cutters/Screen Replacement - Valley Drive Lift Station	VDLS Grinder Cutters/Screen Replacement	Complete	No		Impracticable – Maintenance Operation
Repaint Marina Dock Entryways - Marina	"bump" to allow painting dock entryways	Awaiting Contractor	No		Impracticable – Maintenance Operation
Marina dock Maintenance Project - Marina	Dock Maintenance Project	Complete	No		Impracticable – Maintenance Operation
Marina Repair Public Restrooms - Marina	Repair Public Restrooms	Complete	No		Impracticable – Maintenance Operation
Marina Additional Security Cameras - Marina	Additional Security Cameras	Complete	No		Impracticable – IT upgrade
City Hall PV RFQ - design - City Hall	City Hall PV RFQ - design	Complete	No		Impracticable – Complete
Bicycle/Pedestrian Master Plan	Bicycle/Pedestrian Master Plan	Complete	No		Impracticable – Complete
New Brisbane Library - Visitacion Ave.	New Brisbane Library	Construction Begun	Yes		Impracticable – Complete The will be a regulated project. We included it here as it has not been approved for construction.

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C.3 – New Development and Redevelopment

Ice House Hill Slope Repair Bayshore Blvd.	Ice House Hill Slope Repair	Complete	No	Impracticable – Maintenance Operation
Marina Dredging - Marina	Marina Dredging	Complete	No	Impracticable – Maintenance Operation
PRV and Fire Main construction - Upper Brisbane	PRV and Fire Main construction	Design Complete	No	Impracticable – Maintenance Operation
SCADA System Replacement - All Utility Facilities	SCADA System Replacement	Beginning Design	No	Impracticable – IT Upgrade
Glen Park Pump Station Upgrade - Glen Park Water Pump Station	Glen Park PS upgrade	Design not Begun	No	Impracticable – No area to allow for GI
Crocker Trail Commuter Connectivity Upgrades - Crocker Park Trail	Crocker Trail Commuter Connectivity Upgrades	Design Began - Grant Funded	No	Impracticable – Grant funded project that does not cover GI
Guadalupe Channel Erosion Control - Guadalupe Channel	Guadalupe Channel Erosion Control	Design Began	No	Impracticable – Maintenance Operation
Cold-in-Place Recycling - Bayshore Blvd.	Road Paving Cold-in-Place Recycling	Complete	No	Impracticable – Maintenance Operation
Recovery/Cost Tracking Training - City Hall	Recovery/Cost Tracking training	Complete	No	Impracticable – Complete
Vehicle Replacement Program	Fleet Maintenance: Replace old vehicles	On-going	No	Impracticable – No potential for GI
Park Side Plan -Brisbane Entry	Rezone and restructure entryway to Brisbane	Draft Plan Complete	TBD	This Plan will include projects that will be C.3 regulated. We included it here till projects are identified as regulated.
Railing for Stairway between Mono & Sierra Point Rd.	Install handrail at stairway	Complete	No	Impracticable – Maintenance Operation

C.3.j.ii.(2) ► Table B - Planned and/or Completed Green Infrastructure Projects

Project Name and Location ⁴⁸	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
New Brisbane Library	Construction of new library building	Construction Begun	A rooftop rainwater recovery system should offset 75% of the toilet flushing demand. This project is proposed to include vegetation based GI features and nearly 1,700 square feet of pervious paving.
Safe Pedestrian Routes to Schools Project	Retrofit of existing intersections to include improved safety measures and stormwater treatment	Design 75% Complete	The retrofit of 3 existing intersections with curb bulb outs will allow us to add 5 new GI treatment areas that will treat adjacent pavement.
City Hall Sign Area Landscape Replacement	Removal of sodded area and installation on vegetated swale to mirror existing landscape on Northern side of property	Completed 16/17	The new vegetated swale now treats the rain runoff from the North East corner of the building's roof and landscaped area.

⁴⁸ List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The County of San Mateo Health System (County Environmental Health, or CEH) notified Cities in an April 3, 2017 letter of its intent to terminate stormwater inspection agreements with the 17 Cities on December 31, 2017 due to staffing and cost concerns. As of January 1, 2018, the City is responsible for conducting all stormwater business facility inspections.

A significant revision of our Business Inspection Plan and Enforcement Response Plan was completed in July of 2017, with copies forwarded to RWQCB July 27, 2017.

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

City and County inspectors conducted 143 inspections, at 130 businesses, issuing 15 verbal warnings, 20 warning notices, 7 notices of violation and 2 administrative citations.

Refer to the C.4 Industrial and Commercial Site Controls section of the SMCWPPP FY 17-18 Annual Report for a description of Program activities.

C.4.b.iii ► Potential Facilities List (i.e., List of All Facilities Requiring Stormwater Inspections)

Business Name	Street Number	Street Name
A R GROTH CO., INC	200	VALLEY
AAA Windows	312	Industrial Way
ACME SCENERY CO	100	INDUSTRIAL
ALLERGEN	8000	MARINA BLVD #300
ALLIED ROPES COMPANY	171	INDUSTRIAL
ALTA MOTORS	185	VALLEY DR
AMERICAN TOWERS - SAN BRUNO T1, T2, CA - SITE #8242, 8243	300	RADIO
AMERICAN TOWERS - SAN BRUNO T3, CA - SITE #8244	350	RADIO

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C.4 – Industrial and Commercial Site Controls

AMERICAN TOWERS - SAN BRUNO T4, T5, CA - SITE #8245, #8246	375	RADIO	
AMERICAN TOWERS - SAN BRUNO T6, CA - SITE #8247	500	Radio	
AMERICAN TOWERS - SAN BRUNO T8, T9, CA - SITE #8249, #8250	600-700	Radio	
ARGENT EVENT PRODUCTION LLC	60	INDUSTRIAL WY	
AT&T Corp. - CAM131	355	Valley	
Atlas Towing Inc.	312	Industrial Way	
BAY AREA LINENS AND VALET SERVICES INC	100	CYPRESS	
BAY MEDICAL CO INC	460	VALLEY DR	
BAYPORTER EXPRESS INC	27	INDUSTRIAL	
BAYSHORE SANITARY DISTRICT	36	INDUSTRIAL	
Birch & Tailor	25	Industrial Way	
BIRITE FOODSERVICE	123	HILL	
BRIGHT EVENT RENTALS	145	PARK LANE	
BRISBANE CHIROPRACTIC	101	VISITATION	
BRISBANE COMMUNITY CENTER	250	VISITACION	
BRISBANE COMMUNITY POOL	2	SOLANO	
BRISBANE CORPORATION YARD	1020	TUNNEL	
BRISBANE HARDWARE & SUPPLY INC	1	VISITACION AVE	
BRISBANE MARINA	400	SIERRA POINT	
BRISBANE POLICE DEPARTMENT	50	PARK	
BRISBANE RECYCLING CO INC	5	BEATTY	
BRISBANE SCHOOL DIST	500	SAN BRUNO	
CAREDX INC	3260	BAYSHORE	
CELTIC CATERING INC	2943	INDUSTRIAL	
CHESTNUT AUTOMOTIVE BRAKE/ALIGNMENT	160	CHESTNUT	
CHRISTYS DONUT	138	OLD COUNTY	
COOL SOLUTIONS MANUFACTURING INC	178	HILL	
Cool Solutions Manufacturing Inc.	178	West Hill Pl.	
Cureline Biopathology, LLC	150	North Hill Dr. #24	

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C.4 – Industrial and Commercial Site Controls

CUTERA		3240	BAYSHORE
DAISY TAQUERIA		142	OLD COUNTY
Del Monte Meat Capitol Meat Company LLC		145	South Hill Dr.
DHL GLOBAL FORWARDING		99	South Hill Dr.
DOCUMENT SECURITY SYSTEMS		151	PARK
DOUBLETREE HOTEL SAN FRANCISCO AIRPORT NORTH		5000	SIERRA POINT
Ebay		8000	MARINA BLVD #500
EVANS BROTHERS		1	OLD QUARRY
EXPEDITORS INTERNATIONAL		425	VALLEY
F W SPENCER MECHANICAL CONTRACTORS		99	HILL
Florian Industries Inc.		151	Industrial Way
FONG BROS PRINTING INC		320	VALLEY
FORWARD AIR, INC		427	VALLEY
FRATERNAL ORDER OF EAGLES		185	VISITACION
FRITO LAY INC		499	VALLEY
FRITO LAY INC		151	HILL
Gander & White		480	Valley Dr.
Gas 2 You		3994	Bayshore Blvd.
GENERATORS UNLIMITED		285	INDUSTRIAL
GOLDEN STATE LUMBER		601	TUNNEL
Greenleaf,		453	Valley Dr.
Hensley Event Rentals		180	West Hill Pl.
HOMEWOOD SUITES BY HILTON-BRISBANE		2000	SHORELINE
Howard Donald		304	Industrial Way
Industrial Pipe & Plant Solutions		11 B	Industrial Way
INTERGRATED RESOURCES		275	VALLEY DR
INTERNATIONAL FOOD VENTURES LLC		8000	MARINA
INTERNATIONAL FOOD VENTURES LLC		2000	SIERRA POINT
JULIES BRISBANE LIQUOR & DELI		45	VISITACION
KNTV TELEVISION INC		900	Radio

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C.4 – Industrial and Commercial Site Controls

L & D TRUCK REPAIR	374	INDUSTRIAL
L AND D BISTRO CATERING	110	OLD COUNTY
LAVA	182	OLD COUNTY
LAZZARI FUEL COMPANY	11	INDUSTRIAL
LE GOURMET	150	HILL
LEEMAH ELECTRONICS	155	HILL
Leemah Electronics INC	155	South Hill Dr.
Lettieri & Co. LTD	120	Park Ln.
LINCOLN BROADCASTING / KTSF	100	VALLEY
LIPMAN MIDDLE SCHOOL	1	SOLANO
LUCKY HOUSE RESTAURANT	148	VISITACION
MACHINERY & EQUIPMENT CO	3401	BAYSHORE
MADHOUSE COFFEE	400	VISITACION
MAMA MIA PIZZA	35	VISITACION
MAVERICK THERAPEUTICS INC	3260	BAYSHORE
MECHANO GARAGE	130	INDUSTRIAL
MELISSAS TAQUERIA	160	VISITACION
MIDTOWN DELI	249	VISITACION
MIDTOWN MARKET	249	VISITACION
MV Transit Offices,	575	Tunnel Ave.
N O D AUTO SERVICE	130	INDUSTRIAL
NANA KITCHEN	301	VISITACION
NBC Stationary	200	Valley Dr. #1
NESTLE WATERS NORTH AMERICA	246	VALLEY
P & F DISTRIBUTORS	511	TUNNEL
Pacific Gourmet INC.	380	Valley Dr.
PG&E Substation	2850	Bayshore Blvd.
Pitco Foods	385	Valley Dr.
Pitney Bowes Presort Services	125	Valley Dr.
Plastic Printing Professionals, 151 Park Ln.	151	Park Ln.
PREFERRED MEAL SYSTEMS, INC	211	HILL

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C.4 – Industrial and Commercial Site Controls

Recology San Francisco	501	TUNNEL
RECOLOGY SUNSET SCAVENGER		TUNNEL & BEATTY
Room and Board INC, 450 Valley Dr.	450	Valley Dr.
San Francisco Baseball Club LLC.	500	Valley Dr.
SES Restoration	200	Valley Dr. #50
SEVEN MILE HOUSE SPORTS BAR & GRILL	2800	BAYSHORE
Sheng Kee of California INC.	201	South Hill Dr.
SMART PRINTING	200	VALLEY
Sprint Brisbane Switch	1	HILL
STAR BOX FOOD	33	VISITACION
STATUE FACTORY, LLC	10	INDUSTRIAL
SUBWAY	150	OLD COUNTY
Sunquest Baylands Soil Processing	5A	Beatty Rd.
SUPERTECH AUTOBODY	370	INDUSTRIAL
TERIYAKI HOUSE	114	OLD COUNTY
TIGERS AUTO BODY & PAINT	23	INDUSTRIAL
TRANSDEV	290	INDUSTRIAL
TREE LOVERS FLOOR INC	100	NORTH HILL
Trillium Graphics, 91 Park Ln., D M Salgado	91	Park Ln.
TRIMARK	325	VALLEY
UNIPART LOGISTICS	422	VALLEY
UNITY BIOTECHNOLOGY INC	3280	BAYSHORE
V & A AUTO REPAIR STATION	2800	BAYSHORE
Vision Plus, Inc.	200	Valley Dr. #5
W2 SYSTEMS	304	INDUSTRIAL
WILLIAMS SONOMA	435	VALLEY
Williams Sonoma Inc.	435	Valley Dr.
YRC Freight Inc.	499	Valley Dr.
ZARC RECYCLING	115	PARK

C.4.d.iii.(2)(a) & (c) ► Facility Inspections

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

X	Permittee reports multiple discrete potential and actual discharges as one enforcement action.
	Permittee reports the total number of discrete potential and actual discharges on each site.
Number	
143	
Total number of inspections conducted (C.4.d.iii.(2)(a))	
Violations, enforcement actions, or discreet number of potential and actual discharges resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner (C.4.d.iii.(2)(c))	
43	

Comments:

AAA Window's violation was resolved in 27 business days. While the 10 day period was not met, follow up inspections were routinely conducted and deemed resolved in a longer, but still timely manner, based on available resources. The business made a very strong effort to resolve their issues and was granted a 10 day extension to pick-up the remaining trash. City conducted inspection.

Atlas Towing's violation was resolved in 11 business days. The 10 day period was not met due to scheduling conflicts. City conducted inspection.

Cool Solutions Manufacturing Inc.'s violation was resolved in 34 business days. The business made a very strong effort to resolve their issues and was granted a 10 day extension to store outside material inside, they did not meet expectations after the extension and were issued an administrative citation. The fine on the citation was voided after they moved the material inside. City conducted inspection.

Del Monte Mead's violation was resolved in 21 business days. While the 10 day period was not met, follow up inspections were routinely conducted and deemed resolved in a longer, but still timely manner, based on available resources. The business made a very strong effort to resolve their issues and was granted a 10 day extension to pick-up the remaining trash. City conducted inspection.

Gander & White's violation was resolved in 21 business days. The business made no effort to stop storing trash in the loading dock area at the time of the first re-inspection as a result the enforcement level was raised from a written notification to notice of violation. City conducted inspection.

Hensley Event Rental's violation was resolved in 22 business days. While the 10 day period was not met, follow up inspections were routinely conducted and deemed resolved in a longer, but still timely manner, based on available resources. The business made a very strong effort to resolve their issues and was granted a 10 day extension to pick-up the remaining trash.

Leemah Electronics Inc.'s violation was resolved in 21 business days. The business made no effort to clean-up the area around the dumpsters at the time of the first re-inspection. As a result, the enforcement level was raised from a written notification to notice of violation. City conducted

inspection.

Frito Lay Inc.'s violation was resolved in 12 business days. While the 10 day period was not met, follow up inspections were routinely conducted and deemed resolved in a longer, but still timely manner, based on available resources. Business was granted a 10 day extension to replace their trash bin. County conducted inspection.

C.4.d.iii.(2)(b) ▶ 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) ⁴⁹	Number of Enforcement Actions Taken
Level 1	Verbal Warning (level 0)	15
Level 2	Warning Notice (level 1)	20
Level 3	Notice of Violation (level 2)	7
Level 4	Administrative Citation (level 3)	2
Total		43

C.4.d.iii.(2)(d) ▶ Frequency of Potential and Actual Non-stormwater Discharges by Business Category

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

Business Category ⁵⁰	Number of Actual Discharges	Number of Potential Discharges
Haz Mat	0	0
Food	0	2
Non-Haz Mat, non-food	0	41

C.4.d.iii.(2)(e) ▶ 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:

In this reporting period no facilities have been identified as requiring Industrial Permit coverage that have not filed for coverage.

⁴⁹Agencies to list specific enforcement actions as defined in their ERPs.

⁵⁰List your Program's standard business categories.

C.4.e.iii ▶ Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Industrial/ Commercial Site Inspectors in Attendance	Percent of Industrial/ Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
HMBP, Stormwater BMP, Spill Response	7/28/2018	Hazardous Material Business Plan, Stormwater BMPs, Spill Response	1	100%	1	100%

Comments:

This was an in-house training taught by our staff member responsible for stormwater inspections and illicit discharges.

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

Program Highlights and Evaluation
 Highlight/summarize activities for reporting year.

Provide background information, highlights, trends, etc.

Summary:

The City developed an Illicit Discharge Strike Plan in FY 10-11 which was the basis for the past years' screening and rapid response to any detected/reported discharges in the channel feeding the Brisbane Lagoon via the Guadalupe Channel. While the City does not currently conduct regular collection system screening we do continue to use the Strike Plan to respond to illicit discharges.

City staff presented at the Litter Work Group – Illegal Dumping Workshop on May 30th 2018.

City staff participates in the Countywide Program's Commercial, Industrial, and Illicit Discharge (CII) subcommittee.

Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 17-18 Annual Report for description of activities at the countywide or regional level.

C.5.c.iii ▶ Complaint and Spill Response Phone Number

Summary of any changes made during FY 17-18:

No Change

C.5.d.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
Discharges reported (C.5.d.iii.(1))	14
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	1
Discharges resolved in a timely manner (C.5.d.iii.(3))	14

Comments:

We have had 14 illicit discharges this reporting period with 1 reaching the storm drain. All have been resolved in a timely manner.

A contractor for 481 Mendocino St. received an administrative citation and fine for illegally washing spilled mortar mix down the storm drain. The

contractor was seen washing down the sidewalk and gutter and received a notice of violation and required to clean-up the spill and immediately suspend washing. The inspector did not trust the contractor and drove around the block to give the appearance he had left. Upon his return 5 minutes later the contractor was seen again washing down the spill. Brisbane's code enforcement officer was called to immediately cite the offender.

Illicit discharges are now being tracked through the City's CMMMS.

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(3)(a), (b), (c), (d) ▶ Site/Inspection Totals			
Number of active Hillside Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.a)	Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.c)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.3.b)	Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites and sites disturbing 1 acre or more) (C.6.e.iii.3.d)
# 0	# 3	# 3	# 45
<p>Comments: The City has 3 sites that it deems high priority which also disturb > 1 acre; Brisbane Recycling and Baylands Soil Processing. The Soil Processing Facility is under a state Industrial Permit and Baylands Soil Processing is a commercial facility that is more akin to a construction site with the primary concerns being erosion and sedimentation control. The City considers it a high priority site for purpose of construction site compliance site inspections and reports inspections under Provision C.6. When we performed a business inspection of the facility, it is reported additionally under section C4. The construction site known as Health Care Partners has resumed construction and is now the third active site.</p>			

C.6.e.iii.(3)(e) ▶ Construction Related Storm Water Enforcement Actions

Enforcement Action (as listed in ERP) ⁵¹	Number Enforcement Actions Issued
Level 1 ⁵²	0
Level 2	0
Level 3	0
Level 4	0
Total	0

C.6.e.iii.(3)(f), ▶ Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence at hillside sites, high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii. 3.f)	0

C.6.e.iii.(3)(g) ▶ Corrective Actions

Indicate your reporting methodology below.

<input checked="" type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges as one enforcement action.
<input type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.

	Number
Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii. .3.g)	0

Comments:

The City issued no enforcement action during this reporting period.

⁵¹ Agencies should list the specific enforcement actions as defined in their ERPs.

⁵² For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.(4) ► Evaluation of Inspection Data

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).

Description:

An evaluation of the inspection data shows a reduction to zero of the issuance of enforcement actions. This may be in part to the few months during the reporting period that Brisbane Recycling has been closed due to non-stormwater issues. They were accountable for half of last year's enforcement actions.

C.6.e.iii.(4) ► Evaluation of Inspection Program Effectiveness

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

Description:

The City implemented electronic inspection forms in FY 11-12 and continues to find that this procedure facilitates end of year reporting. The city's enforcement response plan (ERP) received a major revision July, 2017 to clarify guidance to inspection staff and to assist in taking consistent actions to achieve effective and timely compliance with the City of Brisbane's stormwater ordinance and other enforcement authorities allowed by the Brisbane Municipal Code (BMC).

Updated BMP plan sheets are made available on the city's website, at the Public Works counter, and in Grading Permit and Building Permit applications.

City staff participates in the SMCWPPP New Development Subcommittee.

See section C.6 Construction Site Control section of the SMCWPPP FY 17-18 Annual Report for a description of activities at the countywide or regional level.

C.6.f.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
HMBP, Stormwater BMP, Spill Response	7/28/2018	Hazardous Material Business Plan, Stormwater BMPs, Spill Response	9

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

C.7.b.i.1 ► Outreach Campaign

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

Summary:

See Section 7 and Section 9 of the SMCWPPP FY 17-18 Annual Report for a description of outreach campaign activities conducted at the countywide level.

During the annual community festival known as "Day in The Park" the Public Works Department provides citizens with outreach material from San Mateo County Water Pollution Prevention Program and San Mateo County Environmental Health. We also use this event to highlight some of our MRP related programs. We display trash capture devices and use them to collect recycling. The City also advertises and participates in Spring Clean Up events known as 'Habitat Restoration Day' on February 3, 2018 and "Earth Day" on April 21, 2018 as well as Coastal Cleanup day on September 16, 2017. 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.

C.7.c. Stormwater Pollution Prevention Education

No Change

C.7.d ► Public Outreach and Citizen Involvement Events

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

See Section 7 of the SMCWPPP FY 17-18 Annual Report for a description of public outreach and citizen involvement events activities conducted at the countywide level.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional. Indicate if event is public outreach or citizen involvement.	Identify type of event (e.g., school fair, creek clean-up, storm drain stenciling, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscapes 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"> • Success at reaching a broad spectrum of the community • Number of participants compared to previous years. • Post-event effectiveness assessment/evaluation results • Quantity/volume of materials cleaned up, and comparisons to previous efforts
Brisbane Coastal Cleanup Day (Lagoon Cleanup) – September 16, 2017 (see Public Information and Outreach section of the SMCWPPP FY 17-18 Annual Report for details)	Stormwater awareness and clean up directed at volunteers	Approximately 30 people volunteered and cleaned up 3000 gallons of trash; 4 gallons recyclable, 400 pounds of trash and 10 recycle pounds. Litter such as bottles, cans, papers, tissues, etc. The event attendance was up from 25 attendees last year. Trash and recycling collected was also down from 3460 gallons trash and 20 pounds recycling, hopefully this is attributed to the relocation on the Hot Spot Clean-up location and additional Trash Capture Devices.

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C.7 – Public Information and Outreach

<p>San Mateo County Fair June 9-17, 2018 (see Public Information and Outreach section of the SMCWPPP FY 17-18 Annual Report for details)</p>	<p>County Fair; stormwater awareness, lead and oil, toxic disposal</p>	<p>See Section 7 of the SMCWPPP FY 17-18 Annual Report for a description of public outreach and citizen involvement events activities conducted at the countywide level.</p>
<p>Habitat Restoration Day, Costanos Canyon – February 3, 2018</p>	<p>Stormwater awareness and clean up. Drought tolerant and native plant educational event directed at volunteers</p>	<p>Approximately 24 people volunteered to help plant native plants. Educational materials were distributed about drought tolerant native plans. Event attendance decreased by 3 attendees this year, from the 27 attendees last year.</p>
<p>Earth Day: Habitat Restoration Day, Mission Blue Dr. – April 21, 2018</p>	<p>Invasive Plant remove and native plant educational event directed at volunteers</p>	<p>Approximately 29 people volunteered to help fill 1 debris box with invasive plants and trash (bottles, paper). Educational materials were distributed about drought tolerant native plans. Event attendance increased by 2 attendees this year, from the 27 attendees last year.</p>

C.7.e. ► Watershed Stewardship Collaborative Efforts

Summarize watershed stewardship collaborative efforts and/or refer to a regional report that provides details. Describe the level of effort and support given (e.g., funding only, active participation etc.). State efforts undertaken and the results of these efforts. If this activity is done regionally refer to a regional report.

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

See Section 7 of the SMCWPPP FY 17-18 Annual Report for a description of watershed stewardship collaborative efforts conducted at the countywide level.

C.7.f. ► 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.

See Section 7 of the SMCWPPP FY 17-18 Annual Report for a description of school-age children outreach efforts conducted at the countywide level.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high) N/A	Brief description, messages, methods of outreach used N/A	Provide number or participants N/A	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable. N/A

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance

Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?

Yes

No

If no, explain:

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, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation.

Trends in Quantities and Types of Pesticide Active Ingredients Used⁵³

Pesticide Category and Specific Pesticide Active Ingredient Used	Amount ⁵⁴					
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Organophosphates	0	0	0			
Active Ingredient Chlorpyrifos	0	0	0			
Active Ingredient Diazinon	0	0	0			
Active Ingredient Malathion	0	0	0			
Pyrethroids (see footnote #57 for list of active ingredients)	0	0	0			
Active Ingredient Type X	0	0	0			
Active Ingredient Type Y	0	0	0			
Carbamates	0	0	0			
Active Ingredient Carbaryl	0	0	0			
Active Ingredient Aldicarb	0	0	0			
Fipronil	0	0	0			
Indoxacarb	Reporting	0	0			

⁵³Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁵⁴Weight or volume of the active ingredient, using same units for the product each year. Please specify units used. 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: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, and permethrin.

	not required in FY 15-16				
Diuron	Reporting not required in FY 15-16	0	0		
Diamides	Reporting not required in FY 15-16	0	0		
Active Ingredient Chlorantraniliprole	0	0	0		
Active Ingredient Cyantraniliprole	0	0	0		

IPM Tactics and Strategies Used:

The City does not use pesticides and removes any plants that require pesticides and replaces them when practicable with San Bruno Mountain Native plants. In FY 14-15 the City started preventive actions at the Corporation Yard that included sealing holes and gaps and trapping which improve sanitation. The City's standard procedure is to mow/pull weeds, mulch, then monitor weed growth and rate of vegetation. We only contract out with certified IPM practitioners.

C.9.b ▶ Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	0
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	11
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	0%

Type of Training:

Operation and Maintenance employees are trained to follow the City's IPM policy of no pesticide application to landscape. On January 19th 2018 seven members of the O&M staff received training on Pesticide/Herbicide Safety for sewers.

City staff participated in the SMCWPPP Landscape Integrated Pest Management Workshop on March 7th 2018 and Integrated Pest Management Contractor Management Workshop on May 15th 2018.

C.9.c ▶ Require Contractors to Implement IPM			
Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	X	Yes	No
If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?		Yes	No, X
<p>If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored</p> <p>The City's IPM policy does not allow the application of pesticides. This is achieved by limiting the number of vendors we use thus insuring consistency and periodically inspecting the contractors work in the field.</p> <p>The City contracts with Pestec, which as a company is certified through both Green Shield and EcoWise. 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.</p> <p>City staff routinely inspects/observes applicators to ensure they are complying with our IPM policy.</p> <p>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.</p> <p>Pestec was recognized as an IPM innovator by the Department of Pesticide Regulation in 2008.</p>			
<p>The City of Brisbane does not allow the use of pesticides, therefore it is not necessary to evaluate the contractors list of pesticides.</p>			

C.9.d ▶ Interface with County Agricultural Commissioners			
Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,		Yes	No X

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C.9 – Pesticides Toxicity Controls

If yes, summarize the communication. If no, explain.
See Section 9 of the SMCWPPP FY 17-18 Annual Report for a summary of communication with the San Mateo County Agricultural Commissioner.

Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	Yes	No
		X

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.

N/A

C.9.e.ii (1) ► Public Outreach: Point of Purchase

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

Summary:
See Section 9 of the SMCWPPP FY 17-18 Annual Report for a description of point of purchase public outreach efforts conducted at the countywide level and regionally

C.9.e.ii (2) ► Public Outreach: Pest Control Contracting Outreach

Provide a summary of outreach to residents who use or contract for structural pest control and landscape professionals); **AND/OR** reference a report of a regional effort for outreach to residents who hire pest control and landscape professionals in which your agency participates.

Summary:
See Section 9 of the SMCWPPP FY 17-18 Annual Report for a summary of outreach to residents who hire pest control and landscape professionals

C.9.e.ii (3) ► 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); **AND/OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:
See Section 9 of the SMCWPPP FY 17-18 Annual Report for a summary of outreach to pest control operators and landscapers to reduce pesticide use

C.9.f ▶ Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected; **AND/OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

Summary:

During FY 17-18, we participated in regulatory processes related to pesticides through contributions to the Countywide Program, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ► Trash Load Reduction Summary

For population-based Permittees, provide 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 reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage

Trash Load Reductions

Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported in C.10.b.i)	69.7%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ⁵⁵	7.9%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv)	10.0%
SubTotal for Above Actions	87.6%

Trash Offsets (Optional)

Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	0.0%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	0.0%

Total (Jurisdictional-wide) % Trash Load Reduction through FY 2017-18 **87.6%**

Discussion of Trash Load Reduction Calculation:

The City attained and reported 85.5% trash load reduction (including trash offsets) in its FY 16-17 Annual Report. During FY 17-18, the City continued to implement a robust trash control measure program, including the installation of 26 trash capture systems. This helped the City maintain and increase its trash load reduction above the mandatory 70% trash load reduction requirement included in the MRP. The total (jurisdiction-wide) percent trash load reduction in FY 17-18 is 87.6% (including trash offsets). The most recent version of the City's Baseline Trash Generation Map can be downloaded at <http://www.flowstobay.org/content/municipal-trash-generation-maps>.

⁵⁵ See Appendix 10-1 for changes between 2009 and FY 17-18 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

C.10.a.ii.b ► Trash Generation Area Management - Identification of Private Drainages >10,000 ff²

State (Y/N) if your agency completed Permit Provision C.10.a.ii.b. If Yes, attach a map (or other record) or provide a website link to a map (or other record) of the location of lands >10,000 ff² (in Very High, High, and Moderate trash generation areas) that are plumbed directly to the Permittee's storm drain systems, including trash control status of these areas. If No, provide explanation of why the provision was not completed and the estimated date when the provision will be completed.

Did your agency complete Permit Provision C.10.a.ii.b?	X	Yes	No	NA
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If No, provide explanation and estimated completion date:

N/A

Description of the process used to identify applicable areas and their trash control status:

The City worked through SMCWPPP to identify the location of land areas >10,000 ff² in very high, high, and moderate trash generation areas (as depicted on the City's baseline trash generation map) that are plumbed directly to the City's MS4. In summary, applicable land areas were identified using existing data/information and a combination of desktop analyses and field visits. Land areas <10,000 ff², identified as low trash generating on the City's baseline trash generation map(s), or currently treated by full capture systems were excluded from the analysis. The preliminary trash control status of these land areas was identified by conducting virtual (desktop) on-land visual trash assessments (OVTAs). For a complete description of the methods and process used to identify applicable land areas and their trash control status, please see the SMCWPPP FY 17-18 Annual Report.

URL link to Maps:

<http://www.flowstobay.org/content/municipal-trash-generation-maps>

C.10.a.iii ► Mandatory Trash Full Capture Systems

Provide the following:

- 1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 17-18, during FY 17-18, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.
- 2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.

Type of System	# of Systems	Areas Treated (Acres)
Installed Prior to FY 17-18		
Connector Pipe Screens (Public)	210	490.1
Installed in FY 17-18		
Connector Pipe Screens (Public)	26	141.3
Total for all Systems Installed To-date	236	631.4
Treatment Acreage Required by Permit (Population-based Permittees)		0
Total # of Systems Required by Permit (Non-population-based Permittees)		N/A

C.10.b.i ► Trash Reduction - Full Capture Systems

Provide the following:

- 1) Jurisdictional-wide trash reduction in FY 17-18 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) The percentage of systems in FY 17-18 that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 17-18	Summary of Maintenance Issues and Corrective Actions
1	5.9%			
2	NA			
3	7.7%			
4	21.5%			
5	0%			
6	25.0%	236	2%	The devices that were found to be greater than 50% full have had their cleaning frequency increased to three times a year as a short term solution while we evaluate each device to investigate a potential solution that would allow us to clean the devices at the base rate of 2 times per year. Some devices will unavoidable need to be cleaned at an increased rate or greater. As the number of trash capture devices increase the need to find solutions to reduce the man hours required to clean these devices becomes ever more important.
7	5.5%			
8	0.7%			
9	1.0%			
10	1.9%			
11	0.2%			
12	0.1%			
Total	69.7%*			All of the devices that we have found to be greater than 50% full we can contribute to organic loading. Pine trees and Eucalyptus trees are found in abundance in the areas where these devices are located. We have changed 10 "drop in baskets" devices located on South Hill Dr. that were found in FY 15/16 to be greater than 50% with connector pipe screens and recessed curb inlet screens. This allowed us a greater storage area for organics before they reach 50%. The curb inlet screens have kept a portion of the organics on the street to allow our weekly street sweeping to remove them. We believe we can attribute most of the reduction in devices >50% full or plugged/blinded to this change.

				<p>The remaining trash capture devices appear to have no other option than to increase frequency. We will continue to document their loading and adjust the frequency of the additional cleanings.</p> <p>The City has gone to a CMMS to manage trash capture device maintenance. This had definitely allowed us to increase our accuracy when dealing with the maintenance of devices.</p> <p>Moving forward with the City's plan to install and maintain additional trash capture devices we will continue to investigate all options of reducing maintenance while maintaining a high level of performance and compliance.</p>
<p>Certification Statement: The City of Brisbane certifies that a full capture system maintenance and operation program has been implemented to maintain all applicable systems in a manner that meets the full capture system requirements included in the Permit. The City continues to review its maintenance data to see if operations need to be adjusted.</p>				

*The total reduction reported for full capture systems includes 0.3% reduction for treatment of 2 acres of non-jurisdictional public k-12, college and university school land areas.

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A)

Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels and areal extent of implementation, and whether actions are new, including initiation date.

TMA	Summary of Trash Control Actions Other than Full Capture Systems
1	<p>Current Actions – Twice monthly on-land trash clean-ups and on-call dumping pickups have been added to our Solid Waste Franchise Agreement with South San Francisco Scavengers, effective November 20th 2014. Weekly street sweeping is conducted on our behalf by South San Francisco Public Works, effective July 2015. Installation of trash capture devices was completed ahead of the Long Term Trash Reduction Plan implementation schedule. All trash capture devices are cleaned a minimum of bi-annually. The effectiveness of the maintenance of these devices is being tracked as part of our Trash Capture Device Operations and Maintenance Verification Program. At Fisherman’s Park we replaced all individual trash receptacles with one 5 yd. dumpster for trash and one 5 yd. dumpster for recycling. Code enforcement management and illegal dumping enforcement is provided by our Code Enforcement Officer and Police Department.</p> <p>Note: 100% of this TMA drains to the City and County of San Francisco combined sewer system.</p>
2	<p>Current Actions – Weekly on-land trash clean-ups of Beatty Avenue and Alana Way, along with on-call dumping pickups and container management are being provided via our Solid Waste Franchise Agreement with Recology. Weekly street sweeping is conducted on our behalf by South San Francisco Public Works, effective July 2015. Code enforcement management and illegal dumping enforcement is provided by our Code Enforcement Officer and Police Department.</p>
3	<p>Current Actions – Monthly on-land trash clean-ups, on-call dumping pickups and container management is being provided via our Solid Waste Franchise Agreement with South San Francisco Scavengers, effective November 20th 2014. Weekly street sweeping is conducted on our behalf by South San Francisco Public Works, effective July 2015. Installation of trash capture devices was completed ahead of the Long Term Trash Reduction Plan implementation schedule. All trash capture devices are cleaned a minimum of bi-annually. The effectiveness of the maintenance of these devices is being tracked as part of our trash enforcement is provided by our Code Enforcement Officer and Police Department.</p>
4	<p>Current Actions – Monthly on-land trash clean-ups (one section where TCD not practicable cleaned twice monthly), on-call dumping pickups and container management is being provided via our Solid Waste Franchise Agreement with South San Francisco Scavengers, effective November 20th 2014. Weekly street sweeping is conducted on our behalf by South San Francisco Public Works, effective July 2015. Installation of trash capture devices are cleaned a minimum of bi-annually. The effectiveness of the maintenance of these devices is being tracked as part of our Trash Capture Device Operations and Maintenance Verification Program. Code enforcement management and illegal dumping enforcement is provided by our Code Enforcement Officer and Police Department.</p>
5	<p>Current Actions – Twice monthly on-land trash cleanups of Lagoon Way and a portion of Tunnel Ave. on-call dumping pickups and container management is being provided via our Solid Waste Franchise Agreement with Recology, effective November 20th 2014. Weekly street sweeping is conducted on our behalf by South San Francisco Public Works, effective July 2015. Code enforcement management and illegal dumping enforcement is provided by our Code Enforcement Officer and Police Department.</p>

6	<p>Current Actions – On-call dumping pickups and container management is being provided via our Solid Waste Franchise Agreement with South San Francisco Scavengers, effective November 20th 2014. Weekly street sweeping is conducted on our behalf by South San Francisco Public Works, effective July 2015. Installation of trash capture devices will be completed ahead of the Long Term Trash Reduction Plan implementation schedule. All trash capture devices are cleaned to a minimum of bi-annually. The effectiveness of the maintenance of these devices is being tracked as part of our Trash Capture Device Operations and Maintenance Verification Program. Code enforcement management and illegal dumping enforcement is provided by our Code Enforcement Officer and Police Department.</p>
7	<p>Current Actions – On-call dumping pickups and container management is being provided via our Solid Waste Franchise Agreement with South San Francisco Scavengers, effective November 20th 2014. Weekly street sweeping is conducted on our behalf by South San Francisco Public Works, effective July 2015. All trash capture devices are cleaned a minimum of bi-annually. The effectiveness of the maintenance of these devices is being tracked as part of our Trash Capture Device Operations and Maintenance Verification Program. Code enforcement management and illegal dumping enforcement is provided by our Code Enforcement Officer and Police Department.</p>
8	<p>Current Actions – This TMA is comprised of Caltrain and other private property. Code enforcement management and illegal dumping enforcement is provided by our Code Enforcement Officer and Police Depart. Container management is being provided via our Solid Waste Franchise Agreement with South San Francisco Scavengers, effective November 20th 2014.</p>
9	<p>Current Actions – On-call dumping pickups and container management is being provided via our Solid Waste Franchise Agreement with South San Francisco Scavengers, effective November 20th 2014. Weekly street sweeping on San Bruno Avenue and San Francisco St. is conducted on our behalf by South San Francisco Public Works, effective July 2015. Additional trash capture devices have been added to this TMA beyond the Long Term Trash Reduction Plan implementation schedule. All trash capture devices are cleaned a minimum of bi-annually. The effectiveness of the maintenance of these devices is being tracked as part of our Trash Capture Device Operations and Maintenance Verification Program. Code enforcement management and illegal dumping enforcement is provided by our Code Enforcement Officer and Police Department.</p>
10	<p>Current Actions – On-call dumping pickups and container management is being provided via our Solid Waste Franchise Agreement with South San Francisco Scavengers, effective November 20th 2014. Weekly street sweeping is conducted on our behalf by South San Francisco Public Works, effective July 2015. Installation of trash capture devices will be completed ahead of the Long Term Trash Reduction Plan implementation schedule. All trash capture devices are cleaned a minimum of bi-annually. The effectiveness of the maintenance of these devices is being tracked as part of our Trash Capture Device Operations and Maintenance Verification Program. Code enforcement management and illegal dumping enforcement is provided by our Code Enforcement Officer and Police Department.</p>
11	<p>Current Actions – On-call dumping pickup is being provided via our Solid Waste Franchise Agreement with South San Francisco Scavengers, effective November 20th 2014. Code enforcement management and illegal dumping enforcement is provided by our Code Enforcement Officer and Police Depart. City staff currently leads volunteer based cleanups of these natural canyons.</p>
12	<p>Current Actions – On-call dumping pickup is being provided via our Solid Waste Franchise Agreement with South San Francisco Scavengers, effective November 20th 2014. Code enforcement management and illegal dumping enforcement is provided by our Code Enforcement Officer and Police Depart. The entirety of this TMA is a “low generation rate”.</p>

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART B)

Provide the following:

- 1) A summary of the on-land visual assessments in each TMA (or control measure area), including the street miles or acres available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles or acres assessed, the % of available street miles or acres assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 17-18 attributable to trash management actions other than full capture systems implemented in each TMA; OR
- 3) Indicate that no on-land visual assessments were performed.

TMA ID (as applicable) Control Measure Area	Total Street Miles ⁵⁶ Available for Assessment	Summary of On-land Visual Assessments ⁵⁷			Jurisdictional- wide Reduction (%)
		Street Miles Assessed	% of Available Street Miles Assessed	Avg. # of Assessments Conducted at Each Site ^{58, 59}	
1	0.27	0.20	74.5%	6.0	5.5%
2*	0.00	NA	NA	NA	NA
3	0.00	NA	NA	NA	NA
4	0.21	0.13	73.9%	5.0	0.7%
5	1.21	0.57	47.8%	7.0	1.6%
6	0.04	0.00	0.0%	0.0	0.0%
7	0.00	NA	NA	NA	NA

If no on-land visual assessments were performed, check here and state why: **X**
Explanation: OVTAs were not conducted in TMAs #2, 3, 7 and 8 because all land areas within these areas are addressed by full capture devices. No OVTAs were conducted in TMAs 6, 9, 10 and 11 because either full capture systems are planned for all land areas in these TMAs and therefore no additional/enhanced other control measures are planned; or there are very limited street miles available to assess.

⁵⁶ Street miles are defined as the street lengths and do not include curbs associated with medians.
⁵⁷ Assessments conducted between July 2016 and July 2018 are assumed to be representative of trash levels in FY 17-18 and were therefore used to calculate the jurisdictional-wide reductions reported in this section.
⁵⁸ Each assessment site is roughly 1,000 feet in length.
⁵⁹ Based on analyses conducted as part of the BASMAA Tracking California's Trash project (BASMAA 2017) funded by the State Water Resources Control Board, the optimal number of assessment events to detect an improvement from baseline trash levels at a site is between 4 and 6 per site.

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C.10 – Trash Load Reduction

8	0.00	NA	NA	NA	NA
9	0.14	0.00	0.0%	0.0	0.0%
10	0.06	0.00	0.0%	0.0	0.0%
11	0.07	0.00	0.0%	0.0	0.0%
12	0.05	0.05	100.0%	5.0	0.1%
Total		0.99	-	-	7.9%

*All areas in TMA 2 are non-jurisdictional lands draining to the sanitary sewer system.

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C.10 – Trash Load Reduction

C.10.b.iv ► Trash Reduction – Source Controls

Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.					
Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction	Total Reduction Credit (%)
Single-Use Bag Ordinance	<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. This measure targets pedestrian litter, vehicles and inadequate container management trash sources.</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 business in San Mateo County. Additionally, the number of complaints by customers was also tracked by the County. The results of assessments conducted by these cities are assumed to be representative of all SMCWPPP Permittees, given the consistency between the scope, implementation, and enforcement of the ordinances among the municipalities. The City developed its % trash reduced estimate using the following assumptions:</p> <p>1.) Single use plastic bags comprise 8% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA;</p> <p>2) 95% of single use plastic bags distributed in the City are affected by</p>	<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 were 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>	7%	10% (Maximum)

C.10.b.iv ▶ Trash Reduction – Source Controls	
Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.	
<p>Expanded Polystyrene Food Service Ware Ordinance</p>	<p>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.</p>
<p>the implementation of the ordinance based on County of San Mateo's Environmental Impact Report; and 3) Of the bags affected by the ordinance, there are now 90% less bags being distributed, based on customer complaints received by the County of San Mateo's Department of Environmental Health Services. This is conservative estimate given that in FY 13-14 Environmental Services only received complaints about 4 of the over 1900 businesses in San Mateo County that are affected by the single-use plastic bag ordinances.</p>	<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: 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</p>
	<p>5%</p>

C.10.b.iv ▶ Trash Reduction – Source Controls

Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.

		<p>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>	<p>discharges is 90%. Assuming EPS food ware was 6% of the trash observed in stormwater discharges, the City concludes that there has been a 5% (i.e., 6% x 90%) reduction in stormwater discharges as a result of the ordinance.</p>	
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C.10.b.v ► Trash Reduction – Receiving Water Monitoring

Report on the progress of developing and testing your agency's trash receiving water monitoring program.

In FY 17-18, the City began implementing the BASMAA regional Trash Monitoring Program Plan that was approved by the Water Board's Executive Officer. Implementation included preparing for and conducting qualitative assessments and quantitative monitoring in receiving water locations in San Mateo County. Implementation occurred through the City's participation in the San Mateo Countywide Water Pollution Prevention Program (SMCWPPP). Additional information on accomplishments in FY 17-18 can be found in the Trash Receiving Water Monitoring Progress Report included in the SMCWPPP FY 17-18 Annual Report.

C.10.c ► Trash Hot Spot Cleanups

Provide the FY 17-18 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 17-18.

Trash Hot Spot	New Site in FY 17-18 (Y/N)	FY 17-18 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
BRI01	N	NA	0.03	0.02	NA	NA	NA
BRI02	N	4/20/18	NA	NA	0.15	0.09	0.07

C.10.d ▶ 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), baseline trash generation maps, control measures, or time schedules identified in your plan. Indicate whether your baseline trash generation map was revised and if so what information was collected to support the revision. If your baseline trash generation map was revised, attach it to your Annual Report.

Description of Significant Revision	Associated TMA
<p>In FY 15-16, consistent with all MRP Permittees, all public K-12 schools, college and university parcels were made non-jurisdictional on the City's baseline trash generation maps. Under California Government Code Sections 4450 through 4461, the construction, modification, or alteration of facilities and/or structures on these parcels are under the jurisdiction of the California Division of State Architect and not the City. The public right-of-way (e.g., streets and sidewalks) surrounding these parcels remain as jurisdictional on the City's baseline trash generation maps.</p>	<p>All applicable</p>
<p>The City has chosen to remove the two 14 yard dumpsters placed at the corporations yard's main gate. The dumpsters became abused to the point that their maintenance took a considerable amount of time away from the Operations & Maintenance staffs normal duties. Most of the dumping was done by contractors dumping demolition debris rather than disposing of it properly and citizens looking for a place to dump for free.</p>	<p>5</p>
<p>The City has chosen to follow the guidance given by San Mateo County Water Pollution Prevention Program and EOA, Inc. to remove the two Brisbane School District properties located at 500 San Bruno Ave. and 1 Solano St. from our jurisdictional responsibility.</p>	<p>9</p>
<p>Minor revisions to baseline trash generation map. Primarily to clean up small management areas that overlap adjacent areas that do not generate trash.</p>	<p>1,3,4,6,7,8,9</p>

C.10.e. ► Trash Reduction Offsets (Optional)

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 17-18. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 17-18	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	NA	NA	NA
Direct Trash Discharge Controls (Max 15% Offset)	NA	NA	NA

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 17-18. ⁶⁰

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 17-18 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 17-18 After Accounting for Full Capture Systems <u>and</u> Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture <u>AND</u> Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	0	0	14	3	17	11	0	3	3	17	5.9%	11	5	1	0	17	5.5%	11.3%
2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3	1	23	2	2	28	27	1	0	0	28	7.7%	27	1	0	0	28	0%	7.7%
4	0	0	32	3	35	34	0	2	0	35	21.5%	34	1	0	0	35	0.7%	22.4%
5	0	0	8	0	8	0	0	8	0	8	0%	0	4	4	0	8	1.6%	1.7%
6	2	253	3	0	258	178	80	0	0	258	25.0%	178	80	0	0	258	0%	25.0%
7	52	52	0	0	104	92	12	0	0	104	5.5%	92	12	0	0	104	0%	5.5%
8	6	41	0	0	47	11	36	0	0	47	0.7%	11	36	0	0	47	0%	0.7%
9	3	8	0	0	11	11	0	0	0	11	1.0%	11	0	0	0	11	0%	1.0%
10	0	15	0	0	15	14	1	0	0	15	1.9%	14	1	0	0	15	0%	1.9%
11	0	4	0	0	4	2	2	0	0	4	0.2%	2	2	0	0	4	0%	0.2%
12	1,147	1	0	0	1,148	1,148	0	0	0	1,148	0.1%	1,148	0	0	0	1,148	0.1%	0.2%
Totals	1,211	397	59	8	1,675	1,527	130	14	3	1,675	69.7%*	1,527	140	5	1	1,675	7.9%	77.6%*

Notes:

"NA" indicates that the TMA has no moderate, high or very high trash generating areas (i.e., all low trash generation and/or non-jurisdictional) and therefore no additional trash control measures are needed.

*The total jurisdictional-wide reduction reported for full capture systems includes 0.3% reduction for treatment of 2 acres of non-jurisdictional public k-12, college and university school land areas.

⁶⁰ Due to rounding, total acres and percentages presented in this table may be slightly different than the sum of the acres/percentages in the corresponding rows/columns (e.g., differ by 1 acre or 0.1%).

Section 11 - Provision C.11 Mercury Controls

C.11.a ► Implement Control Measures to Achieve Mercury Load Reductions
C.11.b ► Assess Mercury Load Reductions from Stormwater

See the SMCWPPP FY 2017-18 Annual Report for updated information on:

- Documentation of mercury control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology⁶¹ was used to calculate the mercury load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated mercury load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess mercury load reductions in the subsequent permit.

C.11.c ► Plan and Implement Green Infrastructure to Reduce Mercury Loads

See the SMCWPPP FY 2017-18 Annual Report for information on the quantitative relationship between green infrastructure implementation and mercury load reductions, including all data used and a full description of models and model inputs relied on to establish this relationship.

C.11.e ► Implement a Risk Reduction Program

A summary of countywide and regional accomplishments for this sub-provision are included in the SMCWPPP FY 2017-18 Annual Report.

⁶¹BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

Section 12 - Provision C.12 PCBs Controls

C.12.a ► Implement Control Measures to Achieve PCBs Load Reductions
C.12.b ► Assess PCBs Load Reductions from Stormwater

See the SMCWPPP FY 2017-18 Annual Report for:

- Documentation of PCBs control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology⁶² was used to calculate the PCBs load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated PCBs load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess PCBs load reductions in the subsequent permit.

C.12.c ► Plan and Implement Green Infrastructure to Reduce PCBs Loads

See the SMCWPPP FY 2017-18 Annual Report for information on the quantitative relationship between green infrastructure implementation and PCBs load reductions, including all data used and a full description of models and model inputs relied on to establish this relationship.

C.12.e ► Evaluate PCBs Presence in Caulks/Sealants Used in Storm Drain or Roadway Infrastructure in Public Rights-of-Way

A summary of countywide and regional accomplishments for this sub-provision is included in the SMCWPPP FY 2017-18 Annual Report.

⁶²BASMAA 2017, Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

C.12.f ▶ Manage PCB-Containing Materials and Wastes During Building Demolition Activities So That PCBs Do Not Enter Municipal Storm Drains

A summary of countywide and regional accomplishments for this sub-provision is included in the C.12 PCBs Controls section of the SMCWPPP FY 2017-18 Annual Report.

Does your agency plan to seek exemption from this requirement?

Yes

X

No

N/A

C.12.g. ▶ Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins

A summary of countywide and regional accomplishments for this sub-provision are included in the SMCWPPP FY 2017-18 Annual Report.

C.12.h ▶ Implement a Risk Reduction Program

A summary of countywide and regional accomplishments for this sub-provision are included in the SMCWPPP FY 2017-18 Annual Report.

Section 13 - Provision C.13 Copper Controls

C.13.a.iii.(3) ► Manage Waste Generated from Cleaning and Treating of Copper Architectural Features

Provide summaries of permitting and enforcement activities to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction.

Summary:

The City of Brisbane 1) attaches the SMCWPPP "Requirements for Architectural Copper" Fact Sheet (www.flowstobay.org/files/newdevelopment/flyersfactsheets/ArchitecturalcopperBMPs.pdf) to building permit applications for roof replacement or new buildings; 2) reviews building permit applications specifically for the use of copper architectural features, and provides guidance on the installation and maintenance of these features; and 3) reviews design permits for the use of architectural copper and places conditions of approval prohibiting the discharge of washwater from cleaning and treating of copper architectural features from entering the storm drain system.

During construction, municipal construction stormwater inspectors are responsible for identifying copper architectural features and if appropriate BMPs are implemented. Any issues noted are documented and enforcement actions recorded in the Provision C.6 inspection records. Post-construction municipal illicit discharge inspectors are responsible for responding to, investigating and identifying illegal discharge of wash water from washing copper architectural features. Any enforcement actions or reported discharges are recorded in the Provision C.5 inspection records. The SMCWPPP "Requirements for Architectural Copper" Fact Sheet is made available to the public, construction inspectors and illicit discharge inspectors on the SMCWPPP website (www.flowstobay.org/files/newdevelopment/flyersfactsheets/ArchitecturalcopperBMPs.pdf). Inspectors are made aware of the concerns with copper architectural features at SMCWPPP Training Workshops and internal municipal trainings.

C.13.b.iii.(3) ► Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals

Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.

Summary:

There have been no enforcement cases related to copper-containing discharges during the reporting period.

C.13.c.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 industrial facilities have been identified as potential users or sources of copper.

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

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

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

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

Summary:

The City of Brisbane is a member of the Bay Area Water Supply and Conservation Association (BAWSCA) and actively participates in and promotes various water conservation programs; including large landscape account audits, high efficiency toilet, rain barrel rebates and elementary school assembly education programs. The City adopted a water conservation ordinance and water shortage contingency plan in September 2014 that continues to be enforced as appropriate. In addition, the City actively enforces its indoor and outdoor water efficient landscape ordinances.

The City of Brisbane promotes the use of drought tolerant and native vegetation through its active participation in the regional lawn replacement to drought tolerant landscape rebate program, water-efficient landscape education classes and the Water Wise Gardening in the Bay Area Landscape Educational Tool. Drought tolerant and native plants are promoted through joint projects with San Bruno Mountain Watch/Mission Blue Native Plant Nursery. A new collaboration with Mountain Watch on a demonstration garden at City Hall and the existing demonstration garden “Donny’s Garden” have been created as projects using San Bruno Mountain native and California native plants. The City has recently funded and is changing the remaining City Hall landscaping from turf to bioswale and drought tolerant, non-invasive plantings.

The City of Brisbane promotes outreach messages to encourage appropriate watering/irrigation practices by posting educational information on the City website and various social media outlets including Facebook, Twitter, Nextdoor and Instagram. In addition, the City presents to various public forums including at City Council Meetings and Council Subcommittee Meetings.

The City of Brisbane responds to any reports of large volume landscape irrigation runoff and actively enforces the reported water waste violations per Brisbane Municipal Code Chapter 8.40 “Water Waste”. In addition, the City funds a large landscape account audit program that calculates a water budget (based on area, plant type, evapotranspiration rate, etc.) for a specific landscape area and tracks the ongoing usage providing valuable information on the water use efficiency to the various large landscape accounts around the City. The City in collaboration with an outside consultant tracks 32 of the City’s largest irrigation sites totaling over 50 irrigated acres. The information is shared directly with private and public property owners through an active web portal.

The City promotes less/non-toxic pest control and landscape management

See Section C.9.e.ii of the SMCPPP’s FY 16-17 Annual Report for a description of SMCWPPP’s activities related to point-of-purchase outreach which promotes less toxic pest control and landscape management. See Section C.7 of SMCPPP’s FY 16-17 Annual Report for a description of outreach

conducted to promote water conservation programs. Information on water conservation, less-toxic pest control and appropriate watering/irrigation practices is also posted on SMCWPPP's website (www.flowstobay.org)